

PARTS CATALOG

imageRUNNER ADVANCE DX 4900 Series (CEL)

<PREFACE>

This Parts Catalog contains listings of parts used. Diagrams are provided with the listings to aid the service technician in identifying clearly the item to be ordered.

Whenever ordering parts, consult this Parts Catalog for all of the information pertaining to each item. Be sure to include, in the Parts Request, the full item description, the item part number, and the quantity.

The Canon logo, featuring the word "Canon" in a bold, stylized sans-serif font.

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Figure PRE (1/5) PREFACE

■ How to read the parts list

PART NUMBER column:

- NPN : No Part Number (no service part number is assigned)

RANK column

- Unused

QTY column:

- AR : As Required (appropriate quantity, e.g. screw)
- RF : Reference (not available as a service part)

DESCRIPTION column:

It may differ from the description in the service manual.

REMARKS(SERIAL/NUMBER/REMARKS) column:

- [DP] : Durable Parts (periodically replaced parts/consumable parts)

■ パーツリストの見方

PART NUMBER 欄

- NPN : サービス部番設定なし

RANK 欄

- 未使用

QTY 欄

- AR : As Required (必要数(ビスなど))
- RF : Reference (サービス設定なし)

DESCRIPTION 欄

- サービスマニュアル上の表記と異なる場合があります。

REMARKS(SERIAL/NUMBER/REMARKS) 欄

- [DP] : Durable Parts (定期交換部品/消耗部品)

Figure PRE (2/5) PREFACE

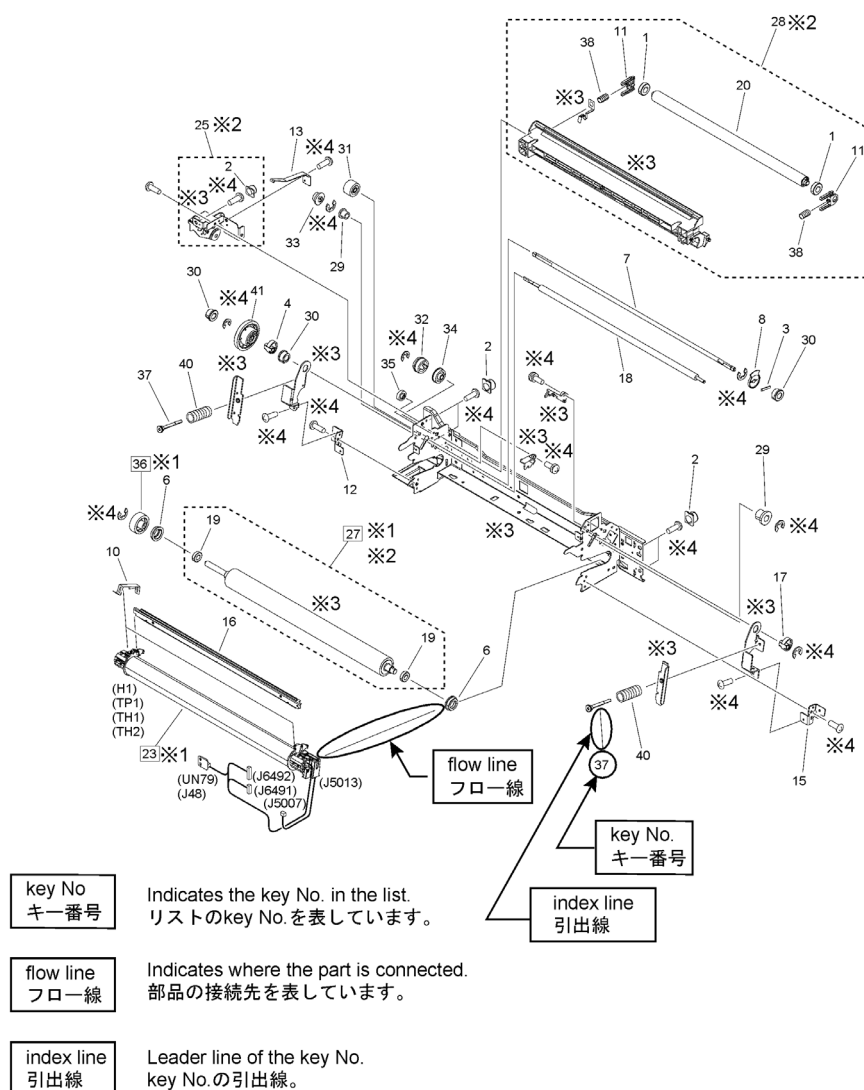
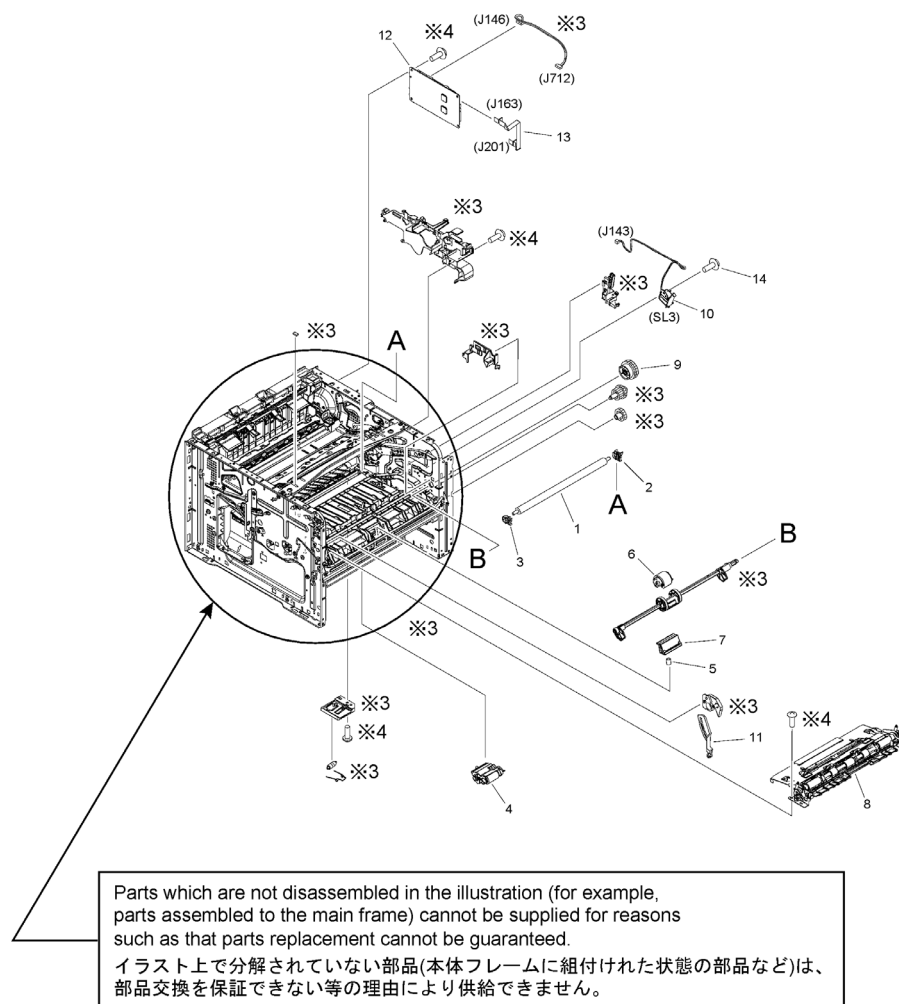


Figure PRE (3/5) PREFACE



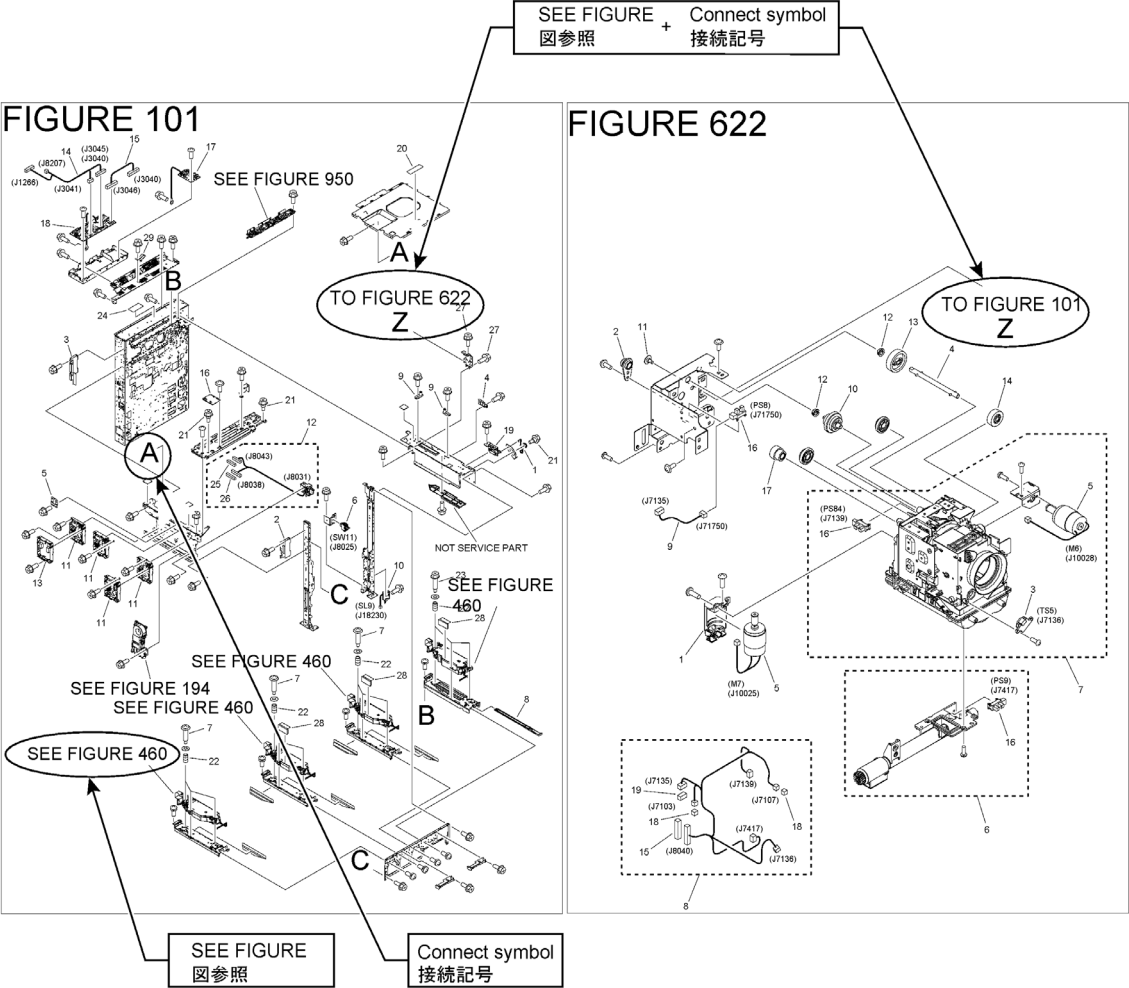
※1.The part which key No. is enclosed with the solid line represents the periodically replaced part or the consumable part [DP].
key No.が実線の枠で囲まれた部品は、定期交換部品/消耗部品[DP]を表しています。

※2.The parts enclosed with the dotted line are shipped as an unit.
In the case of KIT parts, the parts enclosed with the dotted line are shipped together.
点線の枠で囲まれた部品は、ユニットの状態で出荷されます。
KIT部品の場合は、点線の枠で囲まれた部品が同梱状態で出荷されます。

※3.Service part numbers are not assigned to the parts without key No.
key No.のない部品は、サービス部番が設定されていません。

※4.For screws/bolts/nuts/retaining rings without key No., check the part numbers in Figure ZZA to ZZE (Mechanical Standard Parts) at the end of the parts catalog.
key No.のないねじ/ボルト/ナット/止め輪については、巻末のFigure ZZA～ZZE (機械標準部品)を見て部番を調べてください。

Figure PRE (4/5) PREFACE



SEE FIGURE
図参照

Figure to be referenced is shown.
参照するFigureを示しています。

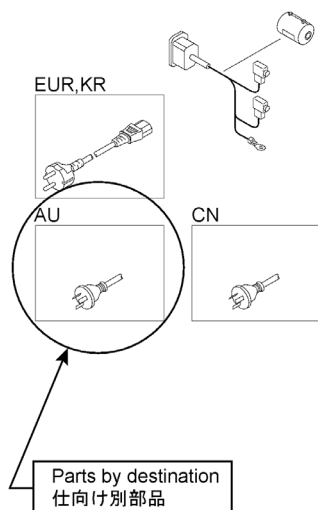
Connect symbol
接続記号

Indicates the figure to which it is connected.
接続先のFigureを示しています。

SEE FIGURE + Connect symbol
図参照 + 接続記号

Indicates the figure to which it is connected and where the part is connected
接続先のFigureと部品の接続先を示しています。

Figure PRE (5/5) PREFACE



Different parts by Country/Region/Voltage/Model/Language/Function/Type/Paper Size
 国/地域/電圧/モデル/言語/機能/型式/用紙サイズで異なる部品。

Figure SNL Product Code No./Serial No.

	Product Code No.	Model Name	Remarks	Serial No.
1	F81-6898-000	imageRUNNER ADVANCE DX 4945i	230V	4NK
2	F82-3398-000	imageRUNNER ADVANCE DX 4945i	230V	4JT
3	F81-6896-000	imageRUNNER ADVANCE DX 4935i	230V	4PD
4	F82-3396-000	imageRUNNER ADVANCE DX 4935i	230V	4TJ
5	F81-6894-000	imageRUNNER ADVANCE DX 4925i	230V	4PP
6	F82-3394-000	imageRUNNER ADVANCE DX 4925i	230V	4TG

	中オーダー	製品名	備考	シリアル No.
1	F81-6898-000	imageRUNNER ADVANCE DX 4945i	230V	4NK
2	F82-3398-000	imageRUNNER ADVANCE DX 4945i	230V	4JT
3	F81-6896-000	imageRUNNER ADVANCE DX 4935i	230V	4PD
4	F82-3396-000	imageRUNNER ADVANCE DX 4935i	230V	4TJ
5	F81-6894-000	imageRUNNER ADVANCE DX 4925i	230V	4PP
6	F82-3394-000	imageRUNNER ADVANCE DX 4925i	230V	4TG

FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
SNL	NPN		RF	Product Code No./Serial No.	
1	F81-6898-000		1	imageRUNNER ADVANCE DX 4945i	230V 4NK
2	F82-3398-000		1	imageRUNNER ADVANCE DX 4945i	230V 4JT
3	F81-6896-000		1	imageRUNNER ADVANCE DX 4935i	230V 4PD
4	F82-3396-000		1	imageRUNNER ADVANCE DX 4935i	230V 4TJ
5	F81-6894-000		1	imageRUNNER ADVANCE DX 4925i	230V 4PP
6	F82-3394-000		1	imageRUNNER ADVANCE DX 4925i	230V 4TG

Figure A1D (1/4) ASSEMBLY LOCATION DIAGRAM (READER)

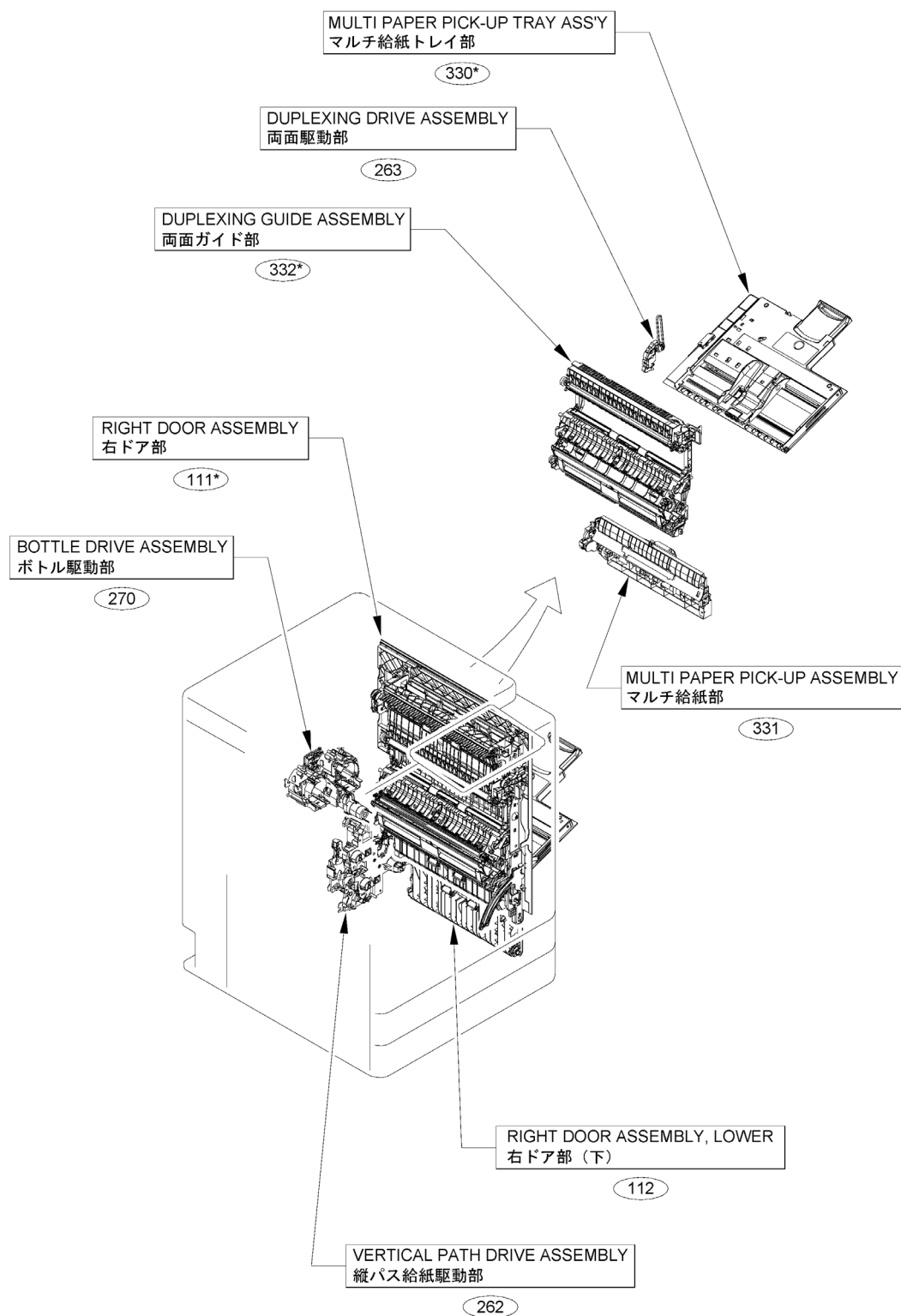


Figure A1D (2/4) ASSEMBLY LOCATION DIAGRAM (READER)

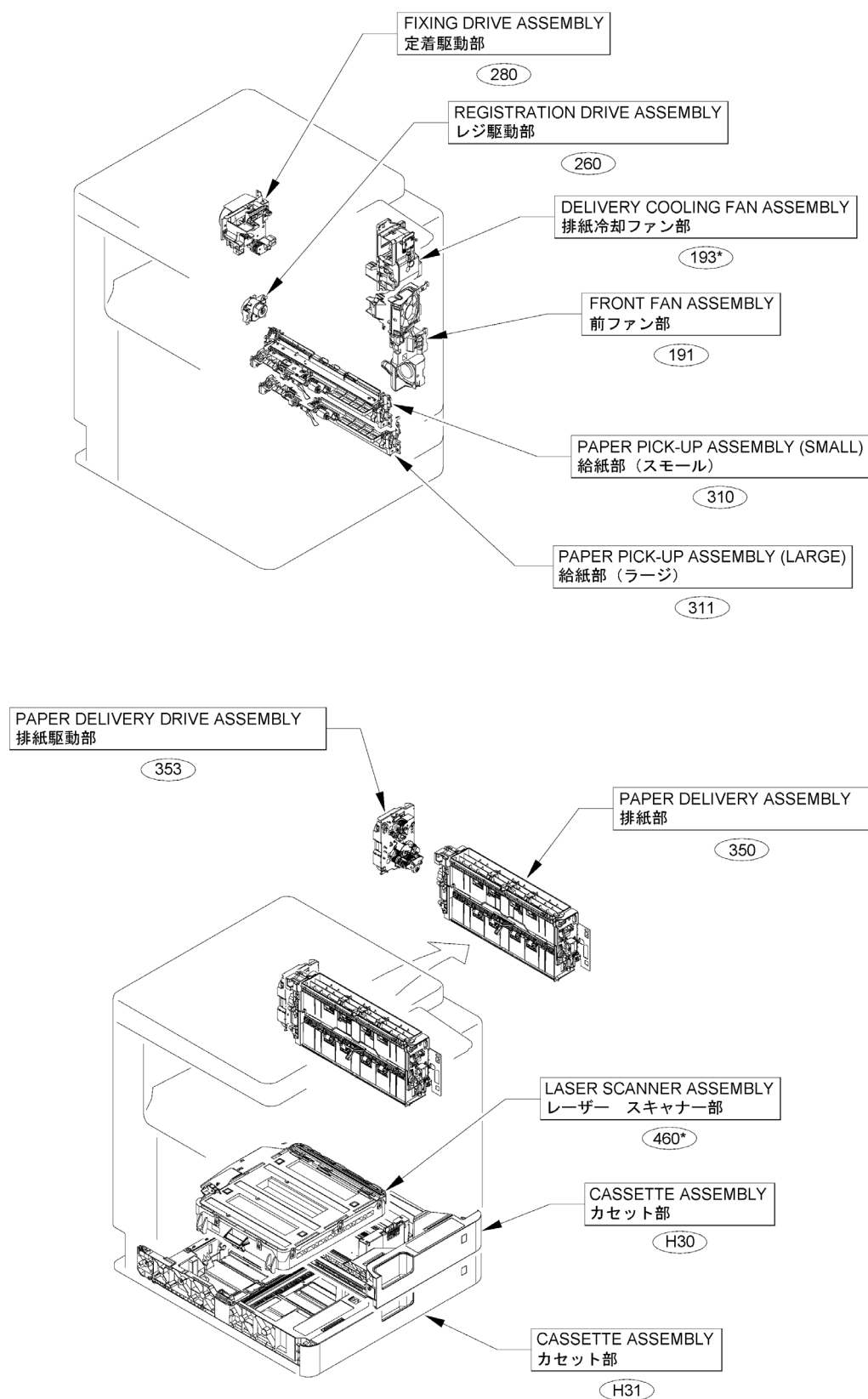


Figure A1D (3/4) ASSEMBLY LOCATION DIAGRAM (READER)

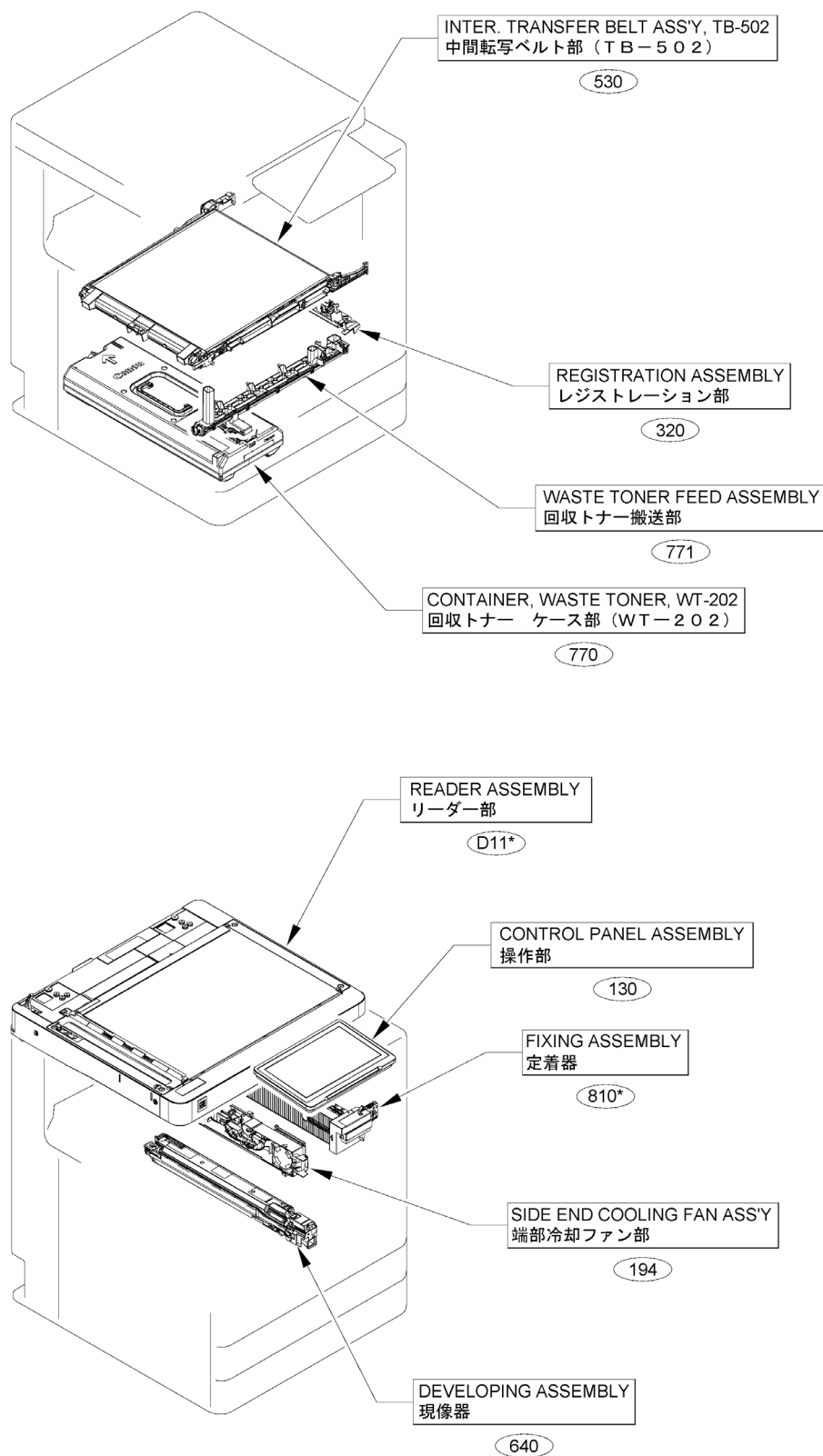


Figure A1D (4/4) ASSEMBLY LOCATION DIAGRAM (READER)

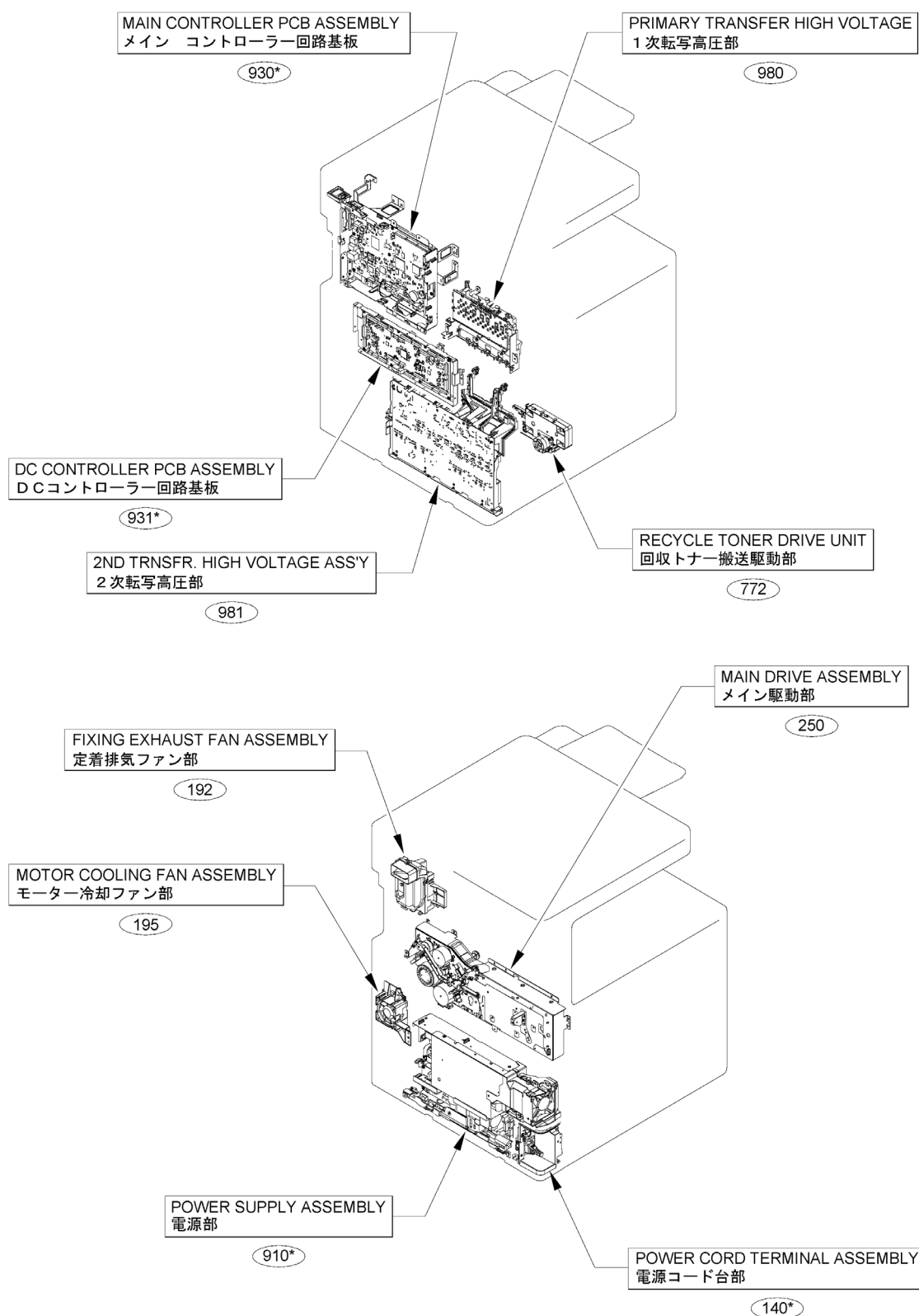


Figure A2 OPTION PARTS CATALOG LIST

This is the table of the machine's options whose parts catalog is issued.
Also, there is the case where some models are not being sold depending on the region.
本機のオプションで、パーツカタログが発行されている機種の一覧です。
なお、地域によっては販売していない機種が含まれている場合があります。

No.	Model Name	機種名
1	DADF-BA1	(日本仕向けなし)
2	Single Pass DADF-C1	(日本仕向けなし)
3	Platen Cover-Y3	原稿台カバー・Y 3
4	ADF Access Handle-A1	A D Fアクセスハンドル・A 1
5	Printer Cover-M2	プリンタカバー・M 2
6	Cassette Feeding Unit-AW1	2 段カセットペディスタル・A W 1
7	High Capacity Cassette Feeding Unit-E1	大容量カセットペディスタル・E 1
8	Copy Tray-T2	コピートレイ・T 2
9	Inner 2way Tray-M1	インナー 2 ウェイトレイ・M 1
10	Staple Finisher-AE1	ステイブルフィニッシャー・A E 1
11	Inner Finisher-L1	インナーフィニッシャー・L 1
12	Booklet Finisher-AE1	中綴じフィニッシャー・A E 1
13	2/3 Hole Puncher Unit-A1	(日本仕向けなし)
14	2/4 Hole Puncher Unit-A1	2 / 4 穴パンチャーユニット・A 1
15	4 Hole Puncher Unit-A1	(日本仕向けなし)
16	Inner 2/3 Hole Puncher-D1	(日本仕向けなし)
17	Inner 2/4 Hole Puncher-D1	インナー 2 / 4 穴パンチャー・D 1
18	Inner 4 Hole Puncher-D1	(日本仕向けなし)
19	Reader Heater Unit-Q3	リーダーヒーターキット・Q 3
20	Cassette Heater Unit-42	(日本仕向けなし)
21	Main Body Heater Unit-A2	機内ヒーター・A 2
22	Utility Tray-B1	ユーティリティートレイ・B 1
23	Copy Card Reader Attachment-B7	コピーカードリーダー取付けキット・B 7
24	(JAPAN ONLY)	セルフコピー取付キット・A 1
25	Media Adjustment kit-A1	(日本仕向けなし)
26	Numeric Keypad-A2	テンキー・A 2
27	Super G3 FAX Board-BH1	(日本仕向けなし)
28	Super G3 3rd/4th Line Fax Board-AX1	G 3 回線増設キット (3 ・ 4 回線) ・ A X 1
29	Super G3 2nd Line Fax Board-BH2	G 3 回線増設キット (2 回線) ・ B H 2
30	(JAPAN ONLY)	ハンドセット・G 2
31	Voice Guidance Kit-G1	(日本仕向けなし)
32	Voice Operation Kit-D1	音声操作キット・D 1
33	Wireless LAN Board-F1	無線 L A N ボード・F 1
34	(JAPAN ONLY)	i R - A D V 課金装置接続キット・A 3
35	Serial Interface Kit-K3	シリアルインターフェースキット・K 3
36	Copy Control Interface Kit-A1	コントロールインターフェースキット・A 1
37	250GB SSD-A1	オプション S S D (2 5 0 G B) ・ A 1
38	1TB SSD-A1	オプション S S D (1 T B) ・ A 1
39	Memory Mirroring Kit-A1	メモリーミラーリングキット・A 1
40	IC Card Reader Box for Numeric Keypad-A1	テンキー用 I C カードリーダーボックス・A 1
41	Copy Card Reader-F1	コピーカードリーダー・F 1
42	Option Attachment kit for Reader-A2	リーダー用オプション取付キット・A 2

Figure 001C ACCESSORIES

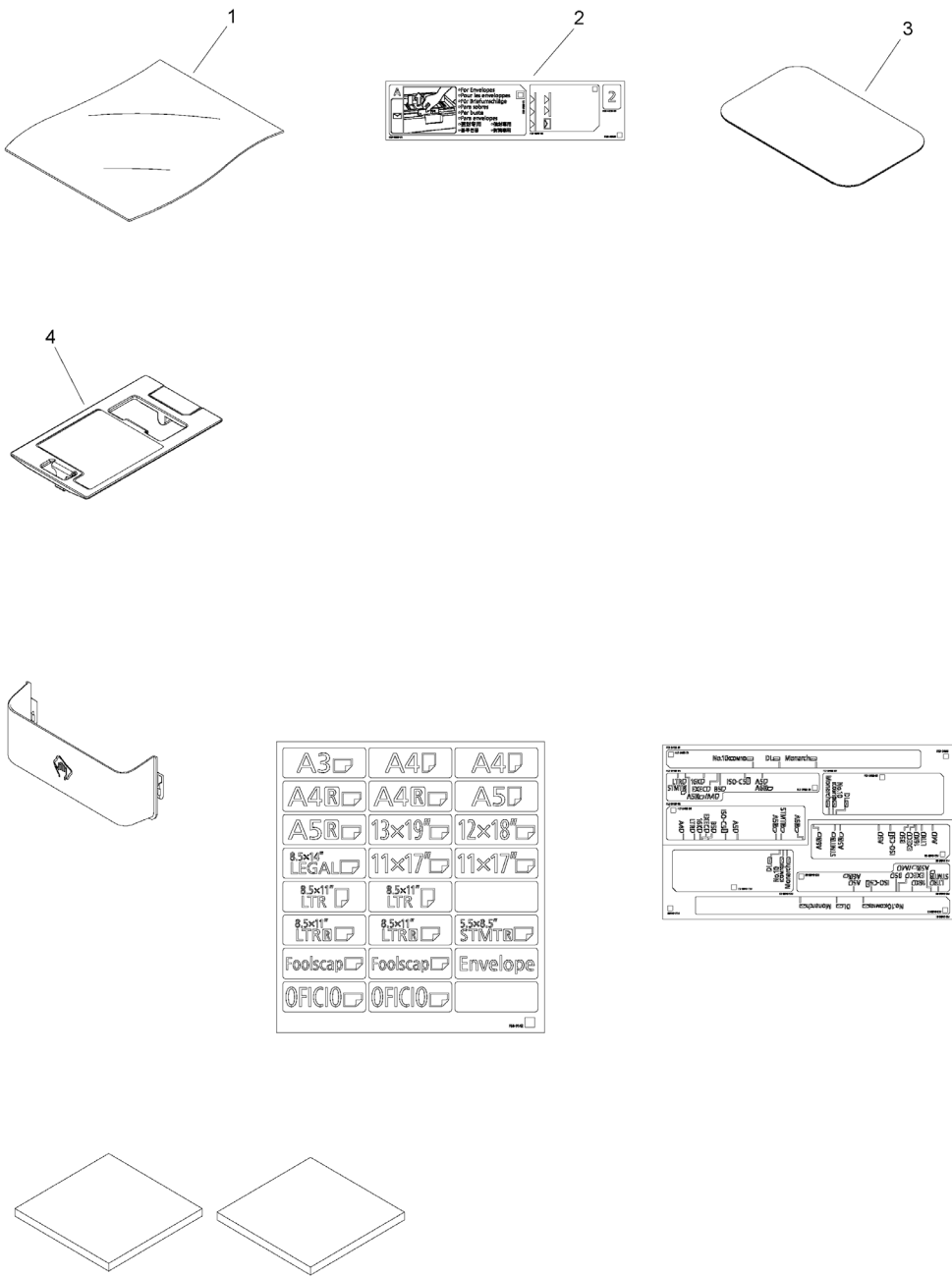


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
001C	NPN		RF	ACCESSORIES	
1	FE2-D452-000		1	CLOTH, CLEANING	
2	FE8-4838-000		1	LABEL, CASSETTE	
3	FL1-7547-010		1	SHEET, IC CARD READER	
4	FL0-4625-000		1	ENVELOPE VERTICAL FEED ASS'Y	

Figure 100C EXTERNAL COVERS, PANELS, ETC.

NOTE : Several kinds of labels are attached on the board for this parts.

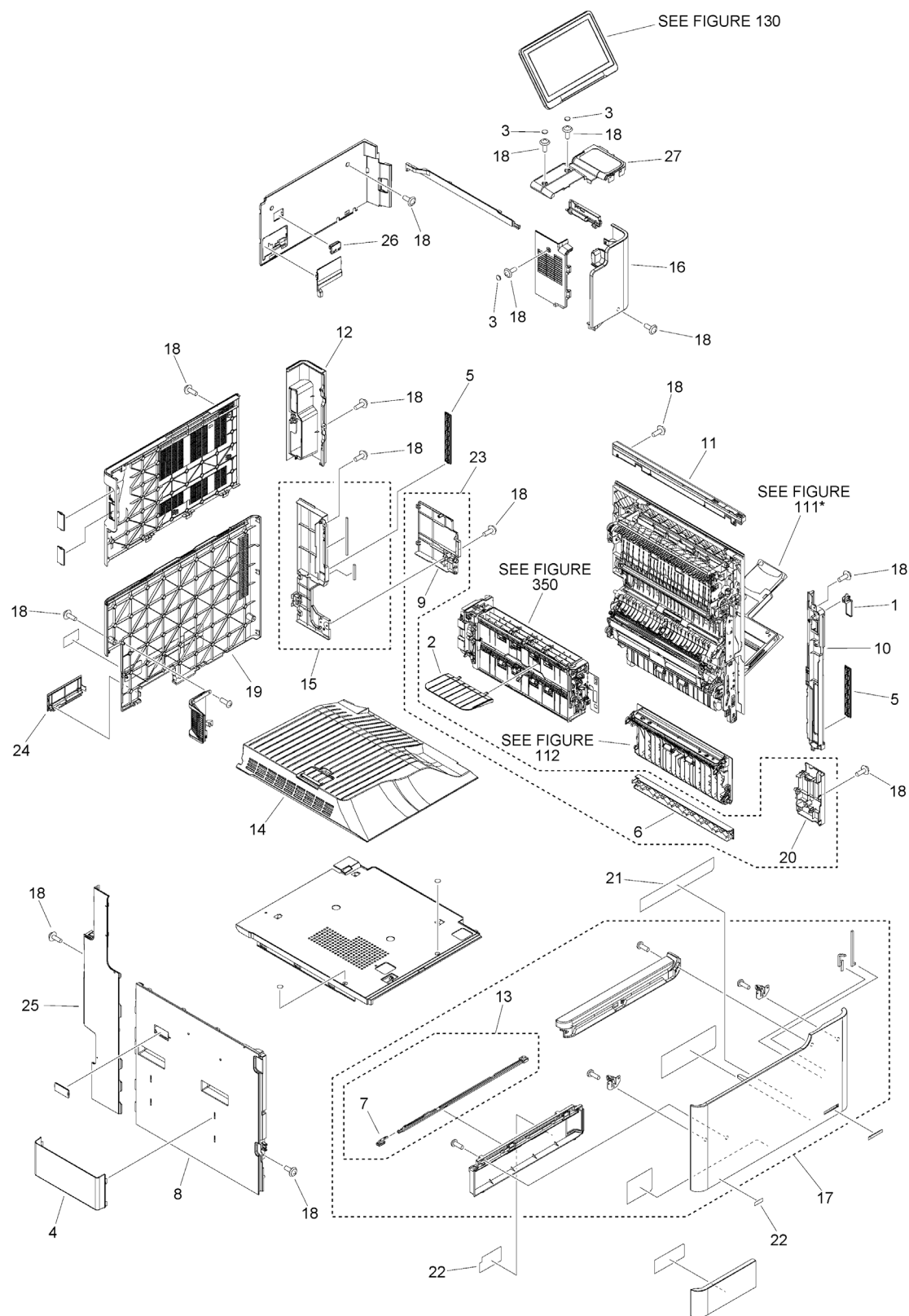


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
100C	NPN		RF	EXTERNAL COVERS, PANELS, ETC.	
1	FE3-0902-000		1	COVER,MAIN POWER SUPPLY SWITCH	
2	FE3-9167-000		1	GUIDE, REVERSE BACK END	
3	FE3-9169-000		3	CAP	
4	FE4-2809-000		1	HOLDER, SERVICE BOOK	
5	FE8-4710-000		2	COVER, HANDLE	
6	FE8-4815-010		1	COVER, RIGHT, LOWER	
7	FL1-6298-000		1	PAD, GLASS CLEANING	
8	FE2-G488-000		1	COVER, LEFT	
9	FL4-5825-000		1	COVER, CONNECTOR	
10	FL4-4954-000		1	RIGHT COVER ASS'Y, FRONT UPPER	
11	FL4-4955-000		1	COVER, INNER, RIGHT UPPER	
12	FL4-4956-000		1	COVER, RIGHT, REAR UPPER	
13	FM1-U651-000		1	GLASS CLEANING ROD ASSEMBLY	
14	FM1-Y547-000		1	1ST PAPER DELIVERY TRAY ASS'Y	
15	FM2-A016-000		1	COVER, RIGHT LOWER, REAR	
16	FM2-C281-000		1	COVER ASSEMBLY, FRONT UPPER	
17	FM2-J137-000		1	FRONT COVER ASSEMBLY	
18	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	
19	FE2-N718-000		1	COVER, REAR, LOWER	
20	FL4-5824-000		1	COVER, RIGHT, FRONT LOWER	
21	FL4-5793-000		1	LABEL, SERVICE	
22	FE2-V314-000		1	LABEL, TONER	SEE NOTE
23	FM2-F054-000		1	RIGHT LOWER COVER SET	
24	FE2-H940-000		1	COVER, CASSETTE CONNECTOR	
25	FM2-A017-000		1	COVER ASS'Y, LEFT REAR	
26	FE2-D886-000		1	SUPPORT, PAPER DELIVERY TRAY	
27	FM2-B070-000		1	UI ARM COVER UNIT, UPPER	

Figure 101E INTERNAL COMPONENTS 1 (iR-ADV 4945i, 4935i)

NOTE : Several kinds of labels are attached on the board for this parts.

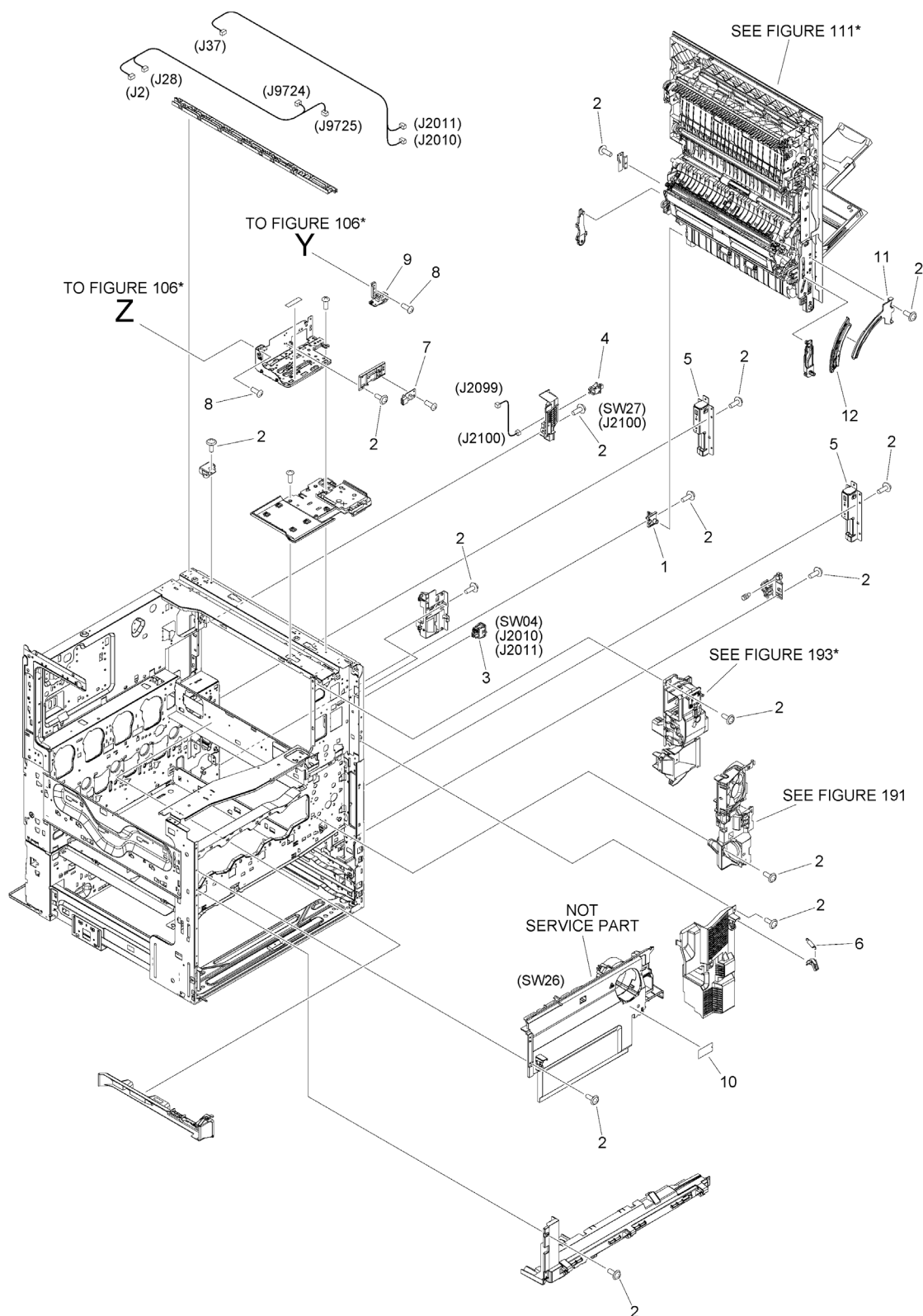


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
101E	NPN		RF	INTERNAL COMPONENTS 1	iR-ADV 4945i, iR-ADV 4935i
1	FE3-1422-000		1	HINGE, REAR	
2	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	
3	FK3-2835-000		1	SWITCH, MAIN POWER SUPPLY	SW04, J2010, J2011
4	WC2-5806-000		1	SWITCH, PUSH	SW27, J2100
5	FM2-A006-000		2	HANDLE UNIT	
6	FU2-0957-000		1	SPRING, TENSION	
7	FM1-Z807-000		1	USB RELAY PCB ASSEMBLY	
8	XA9-0893-000		15	SCREW, M4X8	
9	FM2-B068-000		1	USB RELAY PCB ASSEMBLY	
10	FE2-V314-000		1	LABEL, TONER	SEE NOTE
11	FE2-V935-000		1	RACK, DAMPER	
12	FE2-W245-000		1	SLIDER	

Figure 101F INTERNAL COMPONENTS 1 (iR-ADV 4925i)

NOTE : Several kinds of labels are attached on the board for this parts.

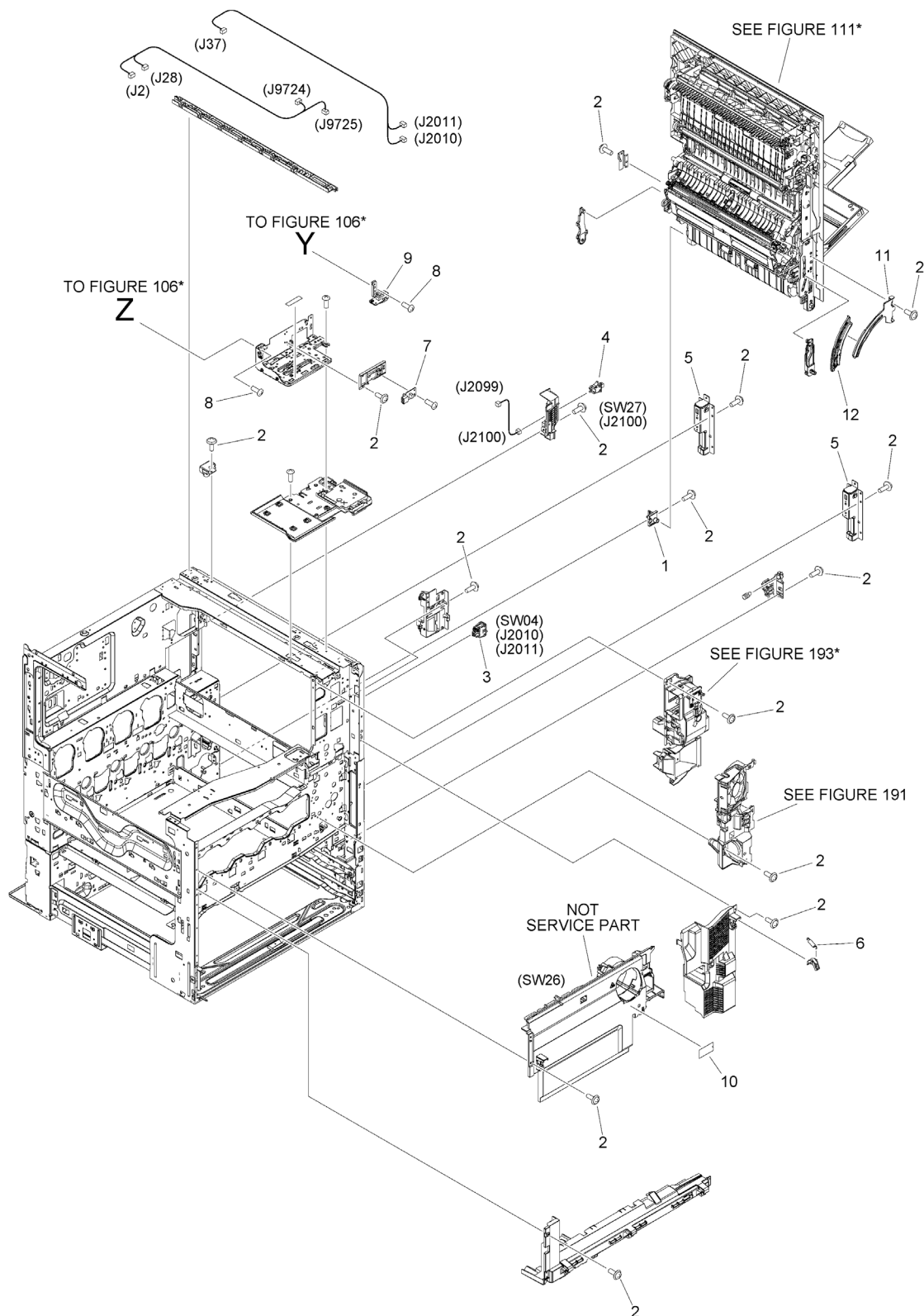


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
101F	NPN		RF	INTERNAL COMPONENTS 1	iR-ADV 4925i
1	FE3-1422-000		1	HINGE, REAR	
2	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	
3	FK3-2835-000		1	SWITCH, MAIN POWER SUPPLY	SW04, J2010, J2011
4	WC2-5806-000		1	SWITCH, PUSH	SW27, J2100
5	FM2-A006-000		2	HANDLE UNIT	
6	FU2-0957-000		1	SPRING, TENSION	
7	FM1-Z807-000		1	USB RELAY PCB ASSEMBLY	
8	XA9-0893-000		15	SCREW, M4X8	
9	FM2-B068-000		1	USB RELAY PCB ASSEMBLY	
10	FE2-V314-000		1	LABEL, TONER	SEE NOTE
11	FE2-V935-000		1	RACK, DAMPER	
12	FE2-W245-000		1	SLIDER	

Figure 102 INTERNAL COMPONENTS 2

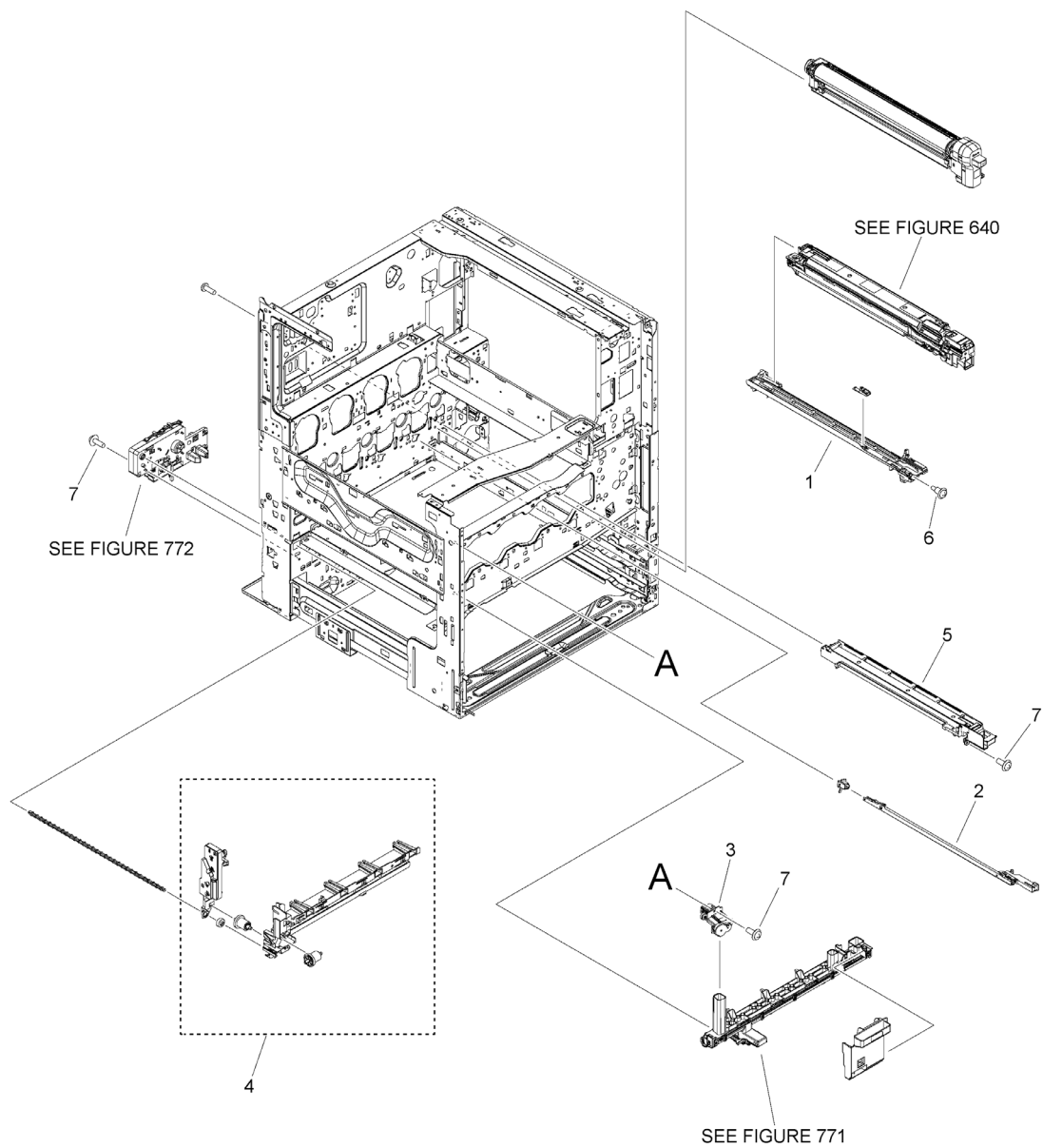


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
102	NPN		RF	INTERNAL COMPONENTS 2	
1	FL0-1718-000		1	TRAY, DEVELOPING	
2	FM1-B186-000		1	DEVELOPING CROSSMEMBER ASS'Y	
3	FM1-D186-010		1	INTERMEDIATE GUIDE ASSEMBLY	
4	FM2-A047-000		1	WASTE TONER FEED DRIVE ASS'Y	
5	FM2-C753-000		1	DRUM RAIL ASSEMBLY	
6	FU5-9353-000		1	SCREW, STEPPED, M3	
7	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

Figure 103A INTERNAL COMPONENTS 3 (iR-ADV 4945, 4935 Series)

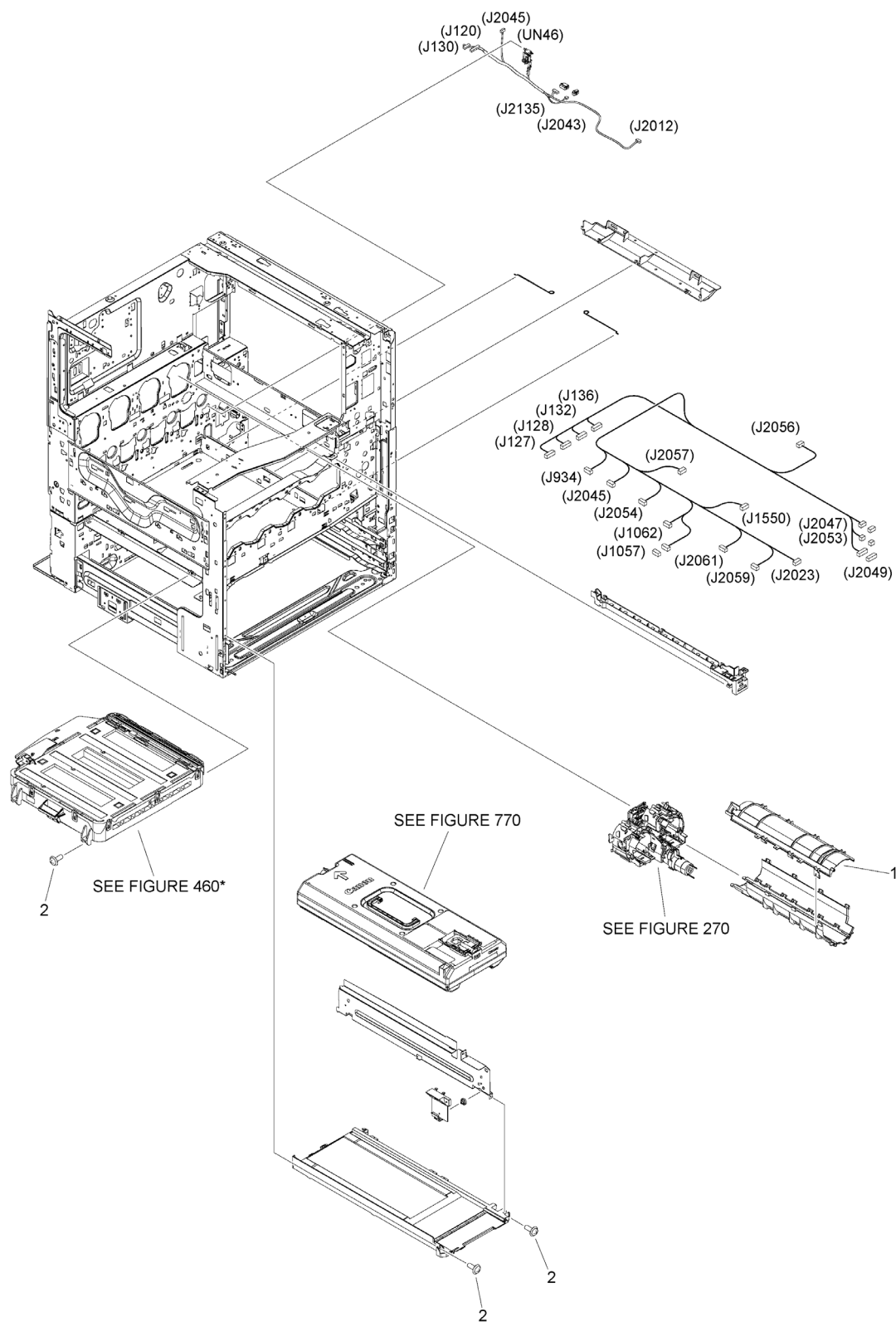


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
103A	NPN		RF	INTERNAL COMPONENTS 3	iR-ADV 4945 Series, iR-ADV 4935 Series
1	FE3-0962-010		1	GUIDE, BLACK	
2	XA9-2050-000		4	SCREW, SELF-TAPPING, M3	

Figure 103B INTERNAL COMPONENTS 3 (iR-ADV 4925 Series)

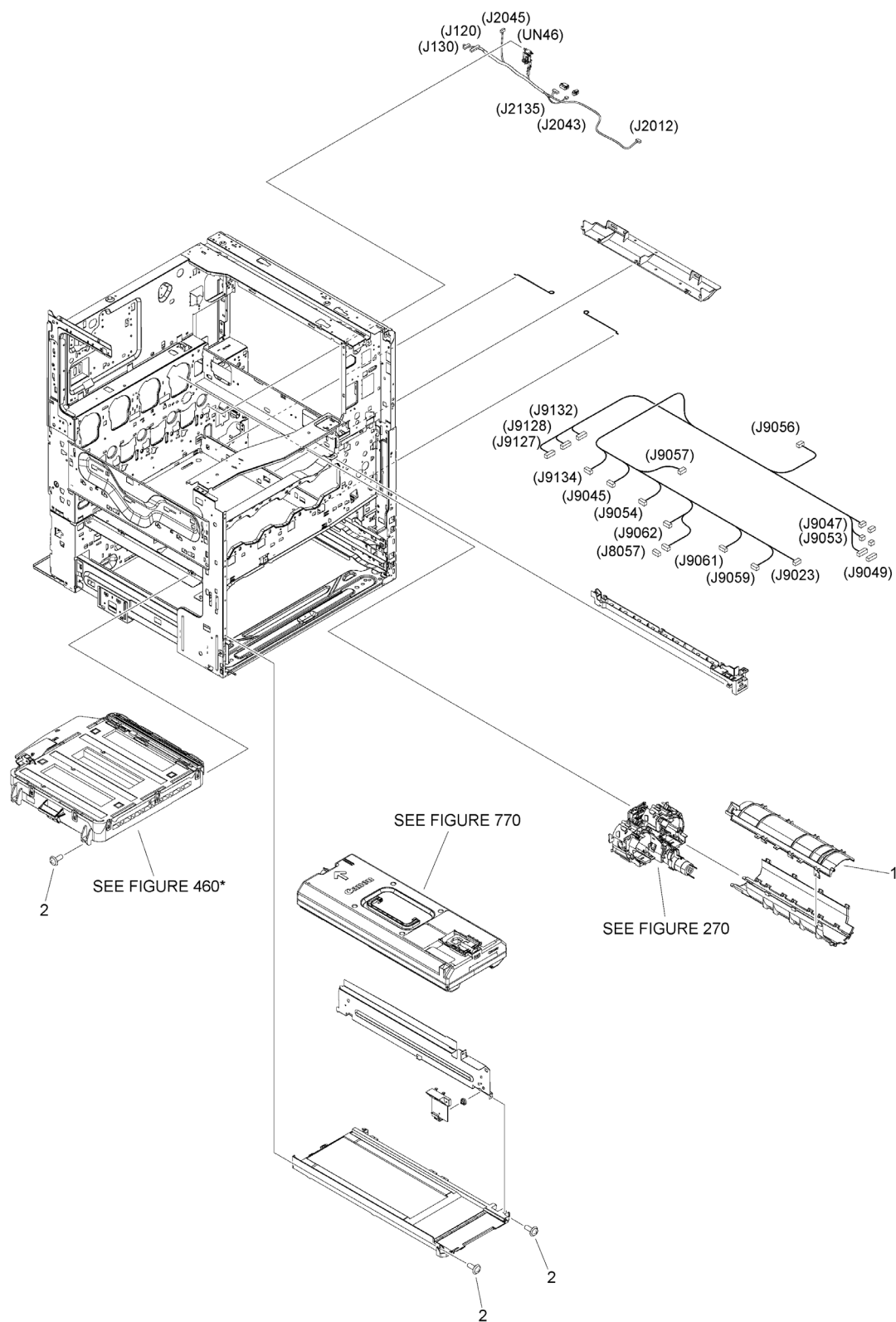


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
103B	NPN		RF	INTERNAL COMPONENTS 3	iR-ADV 4925 Series
1	FE3-0962-010		1	GUIDE, BLACK	
2	XA9-2050-000		4	SCREW, SELF-TAPPING, M3	

Figure 104C INTERNAL COMPONENTS 4 (iR-ADV 4945i, 4935i)

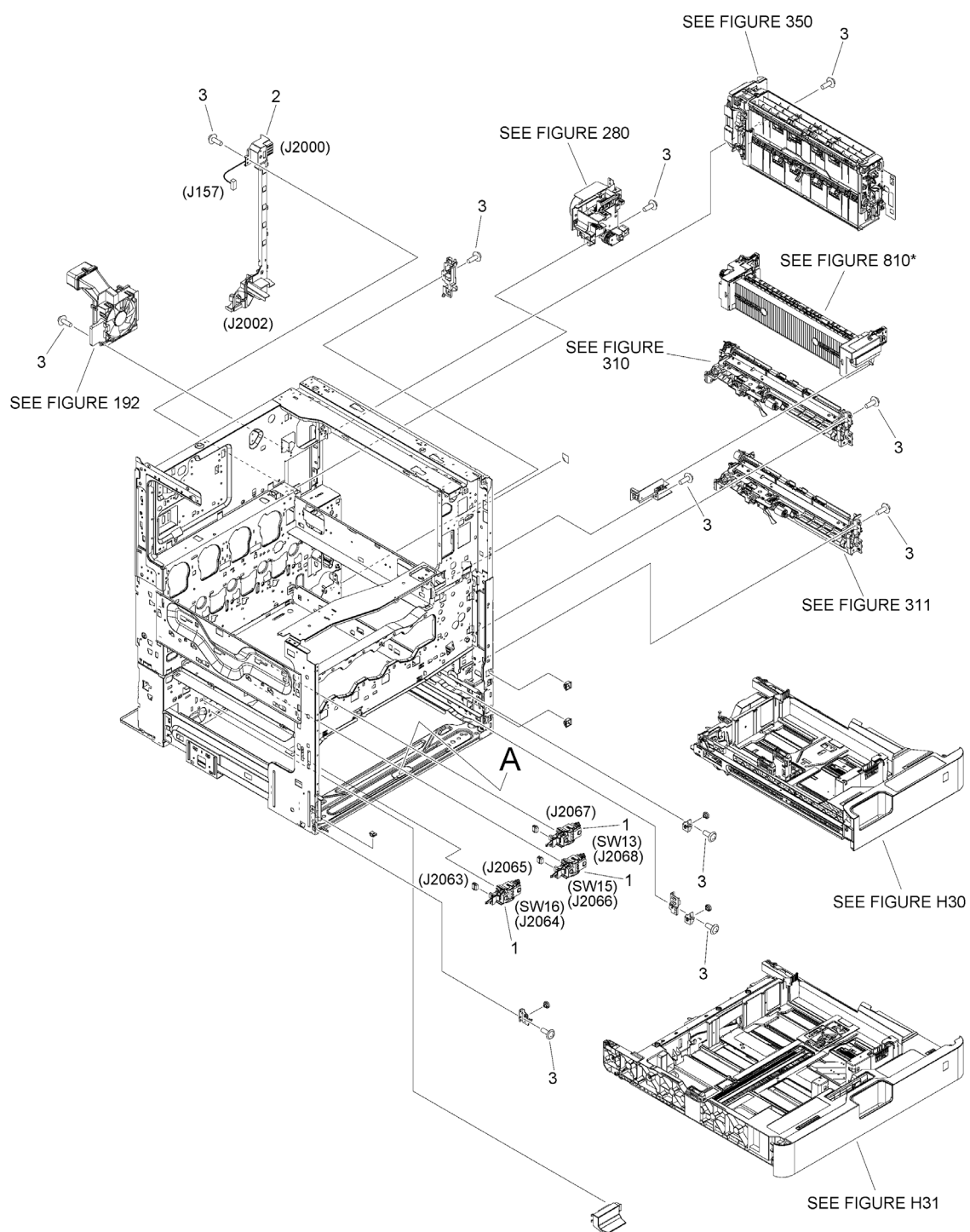


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
104C	NPN		RF	INTERNAL COMPONENTS 4	iR-ADV 4945i, iR-ADV 4935i
1	FM1-B198-010		3	CASSETTE SIZE SENSING ASS'Y	SW13, SW15, SW16, J2064, J2066, J2068
2	FM2-H622-000		1	FIXING DRAWER ASSEMBLY	J157, J2000, J2002
3	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

Figure 104D INTERNAL COMPONENTS 4 (iR-ADV 4925i)

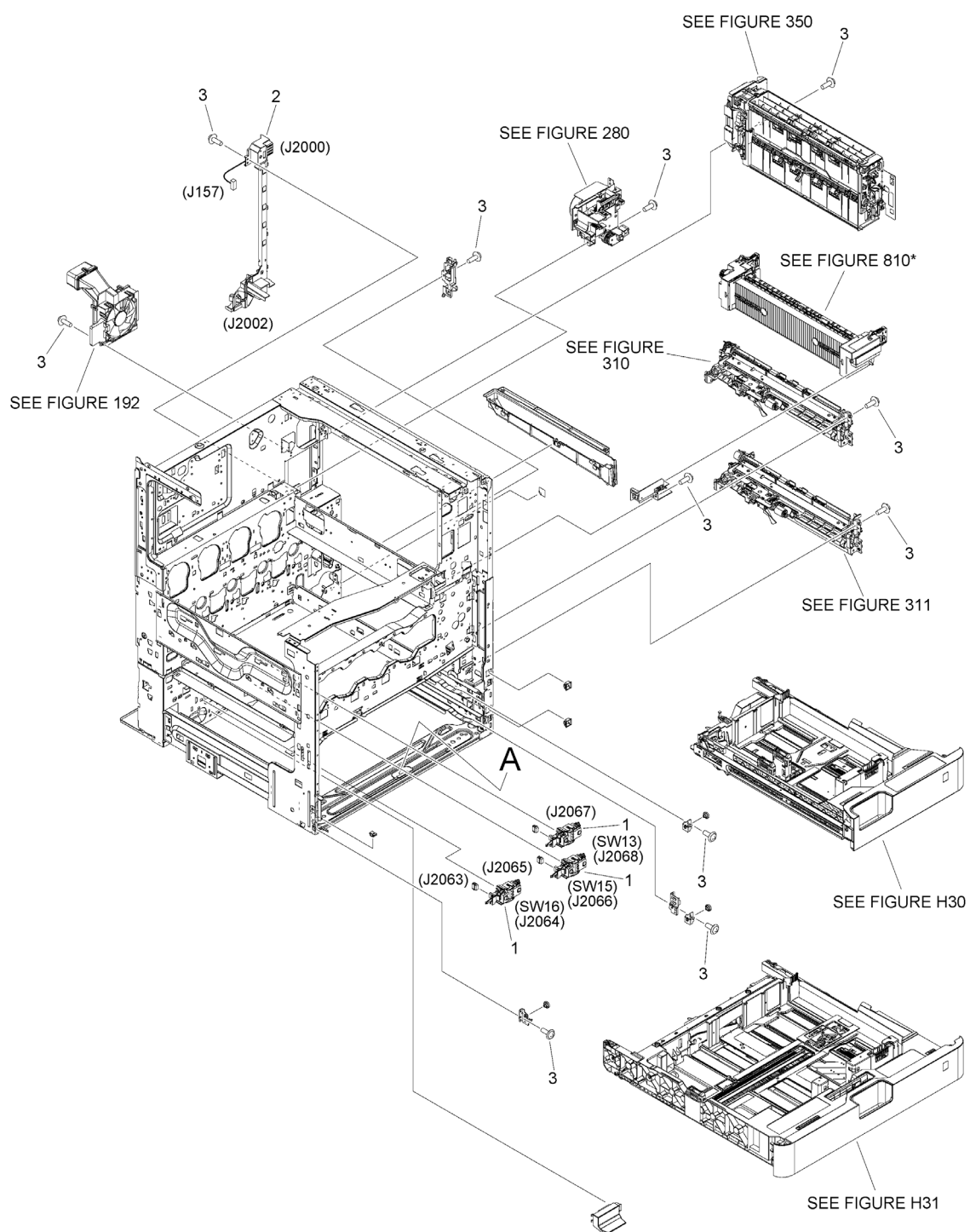


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
104D	NPN		RF	INTERNAL COMPONENTS 4	iR-ADV 4925i
1	FM1-B198-010		3	CASSETTE SIZE SENSING ASS'Y	SW13, SW15, SW16, J2064, J2066, J2068
2	FM2-H622-000		1	FIXING DRAWER ASSEMBLY	J157, J2000, J2002
3	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

Figure 105 INTERNAL COMPONENTS 5

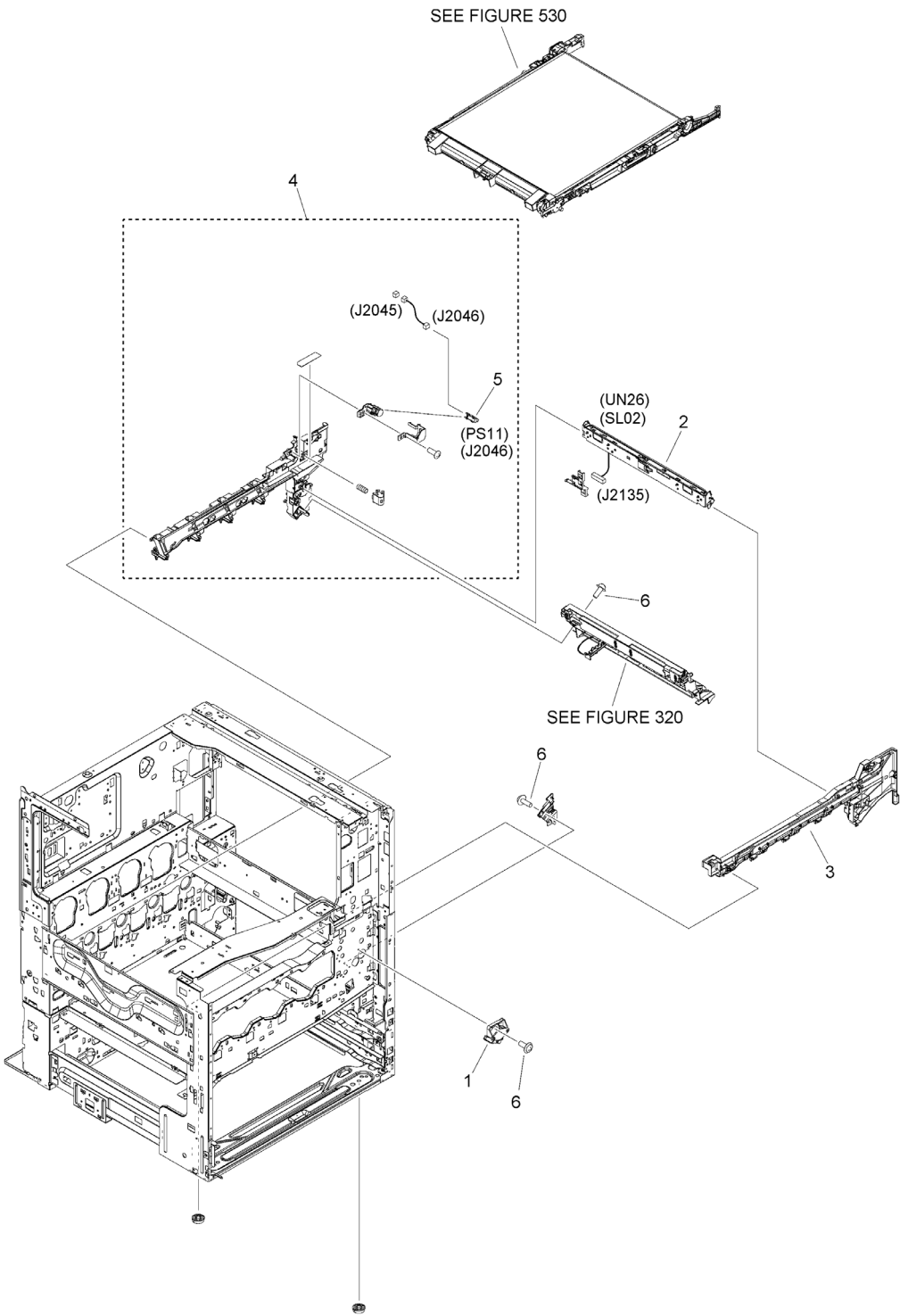


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
105	NPN		RF	INTERNAL COMPONENTS 5	
1	FM2-J322-000		1	DAMPER ASSEMBLY	
2	FM2-D383-000		1	PATCH SENSOR ASSEMBLY	SL02, UN26, J2135
3	FM2-H262-000		1	I.T.B. RAIL ASSEMBLY, FRONT	
4	FM2-H263-000		1	I.T.B. RAIL ASSEMBLY, REAR	
5	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS11, J2046
6	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

Figure 106C INTERNAL COMPONENTS 6 (READER)

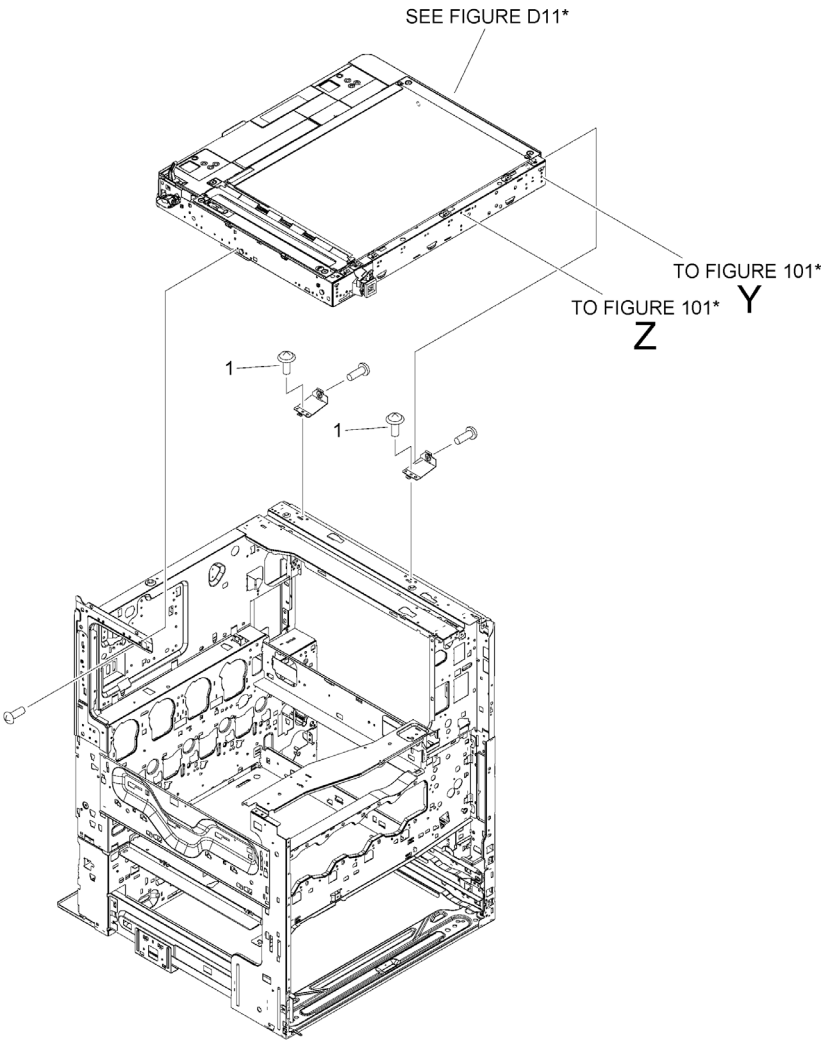


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
106C	NPN		RF	INTERNAL COMPONENTS 6	READER
1	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
107C	NPN		RF	MACHINE REAR PLATE 1	iR-ADV 4945, 4935 Series without FAX
1	FK4-9015-000		1	CABLE, FLAT	J75, J201
2	FM2-J125-000		1	SSD UNIT	
3	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	
4	FK4-8333-000		1	CABLE, STORAGE	J16, J17
5	FK3-3986-000		1	FAN	FM09, J2021
6	FM2-A574-000		1	CABLE GUIDE UNIT, RIGHT UPPER	
501	XZ1-1301-005		4	SPACER	

Figure 107D MACHINE REAR PLATE 1 (4925 Series without FAX)

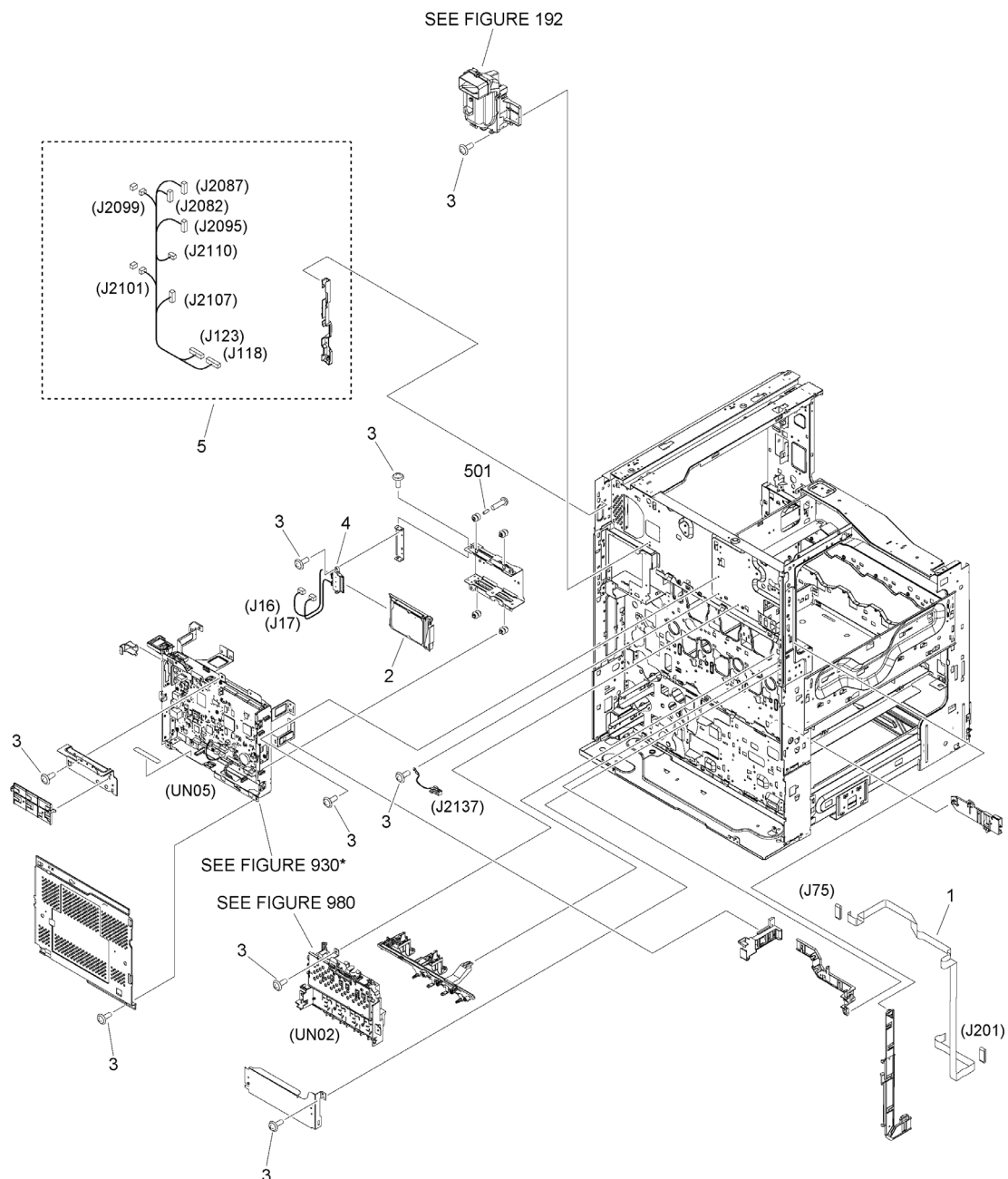


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
107D	NPN		RF	MACHINE REAR PLATE 1	iR-ADV 4925 Series wituout FAX
1	FK4-9014-000		1	CABLE, FLAT	J75, J201
2	FM2-J125-000		1	SSD UNIT	
3	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	
4	FK4-8333-000		1	CABLE, STORAGE	J16, J17
5	FM2-A574-000		1	CABLE GUIDE UNIT, RIGHT UPPER	
501	XZ1-1301-005		4	SPACER	

Figure 108B MACHINE REAR PLATE 2

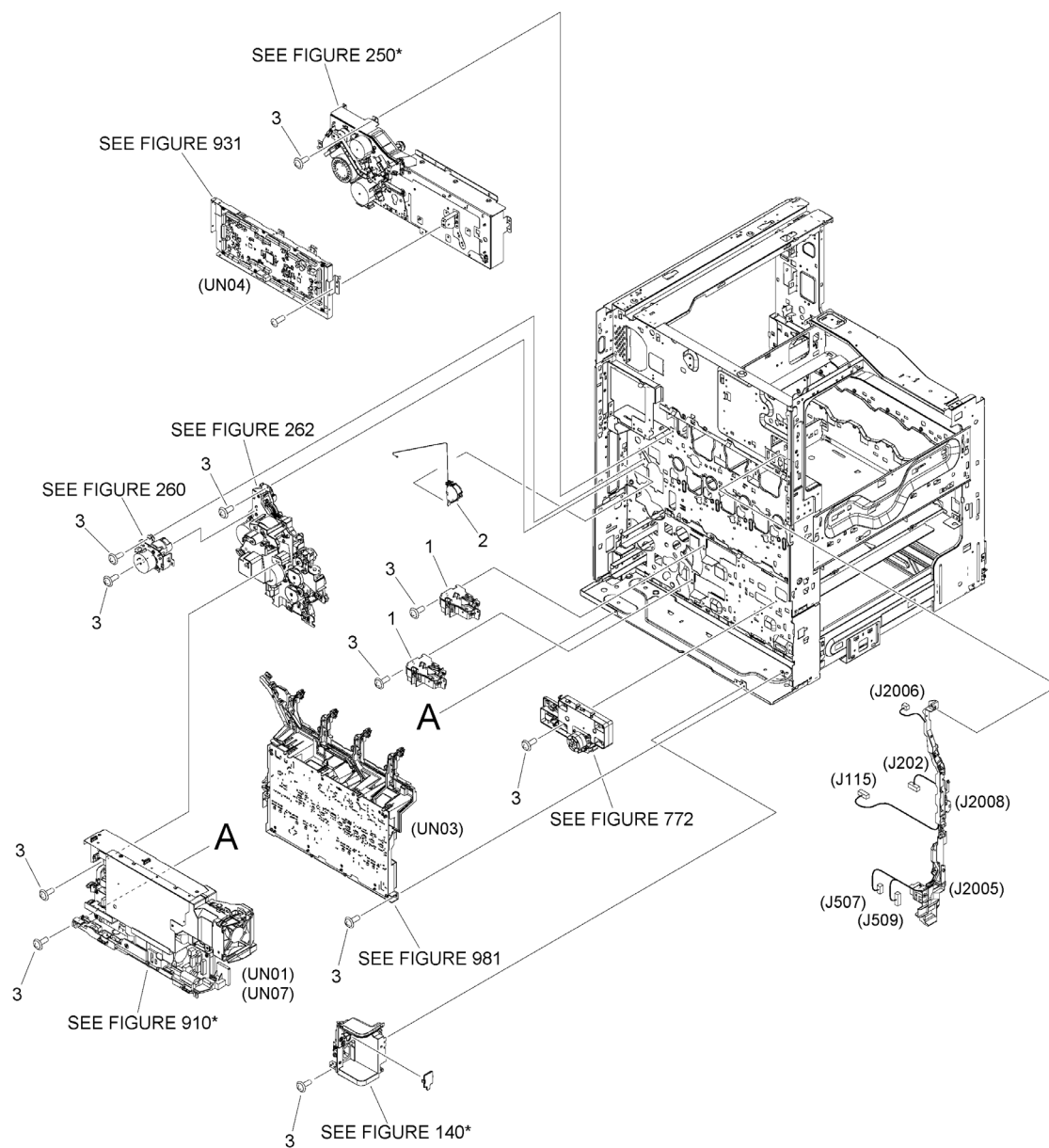


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
108B	NPN		RF	MACHINE REAR PLATE 2	
1	FM1-B670-000		2	CASSETTE AUTO CLOSE ASSEMBLY	
2	FM1-C283-000		1	MULTI REEL ASSEMBLY	
3	XA9-2050-000		15	SCREW, SELF-TAPPING, M3	

Figure 111A RIGHT DOOR ASSEMBLY (iR-ADV 4945, 4935 Series)

NOTE : This assembly includes the assemblies shown in Figure 263, 330*, 331 and 332.

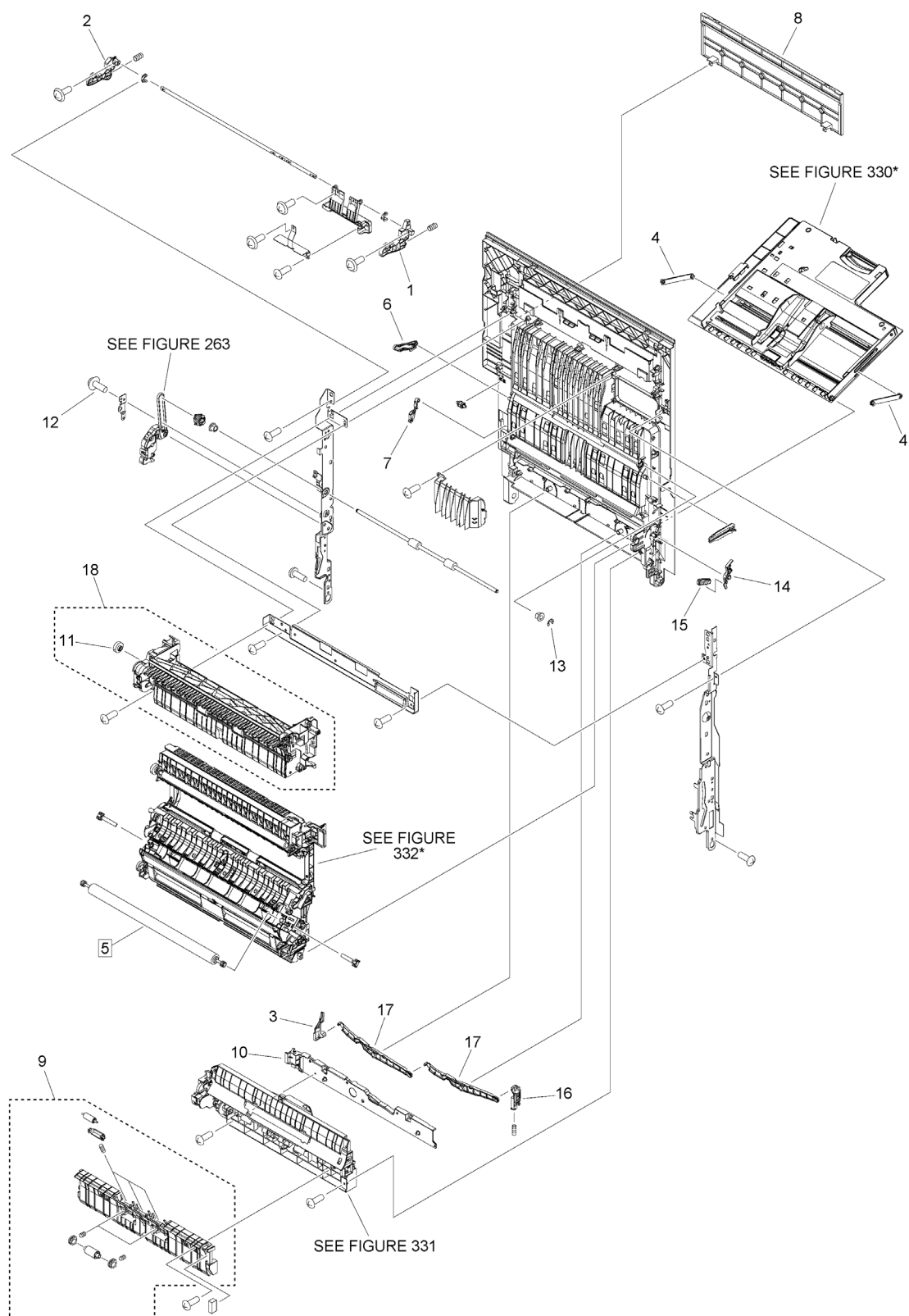


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
111A	FM2-K567-000		1	RIGHT DOOR ASSEMBLY	SEE NOTE iR-ADV 4945 Series, iR-ADV 4935 Series
1	FE2-H170-000		1	LATCH, FRONT	
2	FE2-H177-000		1	LATCH, REAR	
3	FE2-V933-000		1	SLIDER, STOPPER, REAR	
4	FE3-0438-000		2	LINK, MULTI PAPER PICK-UP TRAY	
5	FL1-B055-010		1	ROLLER, 2ND TRNS. OUTER, TR-501	[DP]
6	FE4-1750-000		1	STOPPER, DUPLEXING, REAR	
7	FE2-V932-010		1	LEVER, STOPPER, REAR	
8	FL4-5147-000		1	COVER, THIRD PAPER DELIVERY	
9	FM1-B669-000		1	CROSSING GUIDE ASSEMBLY	
10	FE2-V934-000		1	COVER, RIGHT DOOR, LOWER	
11	FU2-2397-000		1	GEAR, 21T	
12	XA9-2050-000		2	SCREW, SELF-TAPPING, M3	
13	XD9-0395-000		1	RETAINING RING (E-TYPE)	
14	FE2-V928-000		1	LEVER, STOPPER, FRONT	
15	FE2-V929-000		1	LINK, SWITCH	
16	FE2-V930-000		1	STOPPER, SWITCH	
17	FE2-V931-000		2	LINK, STOPPER	
18	FM2-E015-010		1	REVERSE GUIDE ASSEMBLY, UPPER	

Figure 111B RIGHT DOOR ASSEMBLY (iR-ADV 4925 Series)

NOTE : This assembly includes the assemblies shown in Figure 263, 330*, 331 and 332.

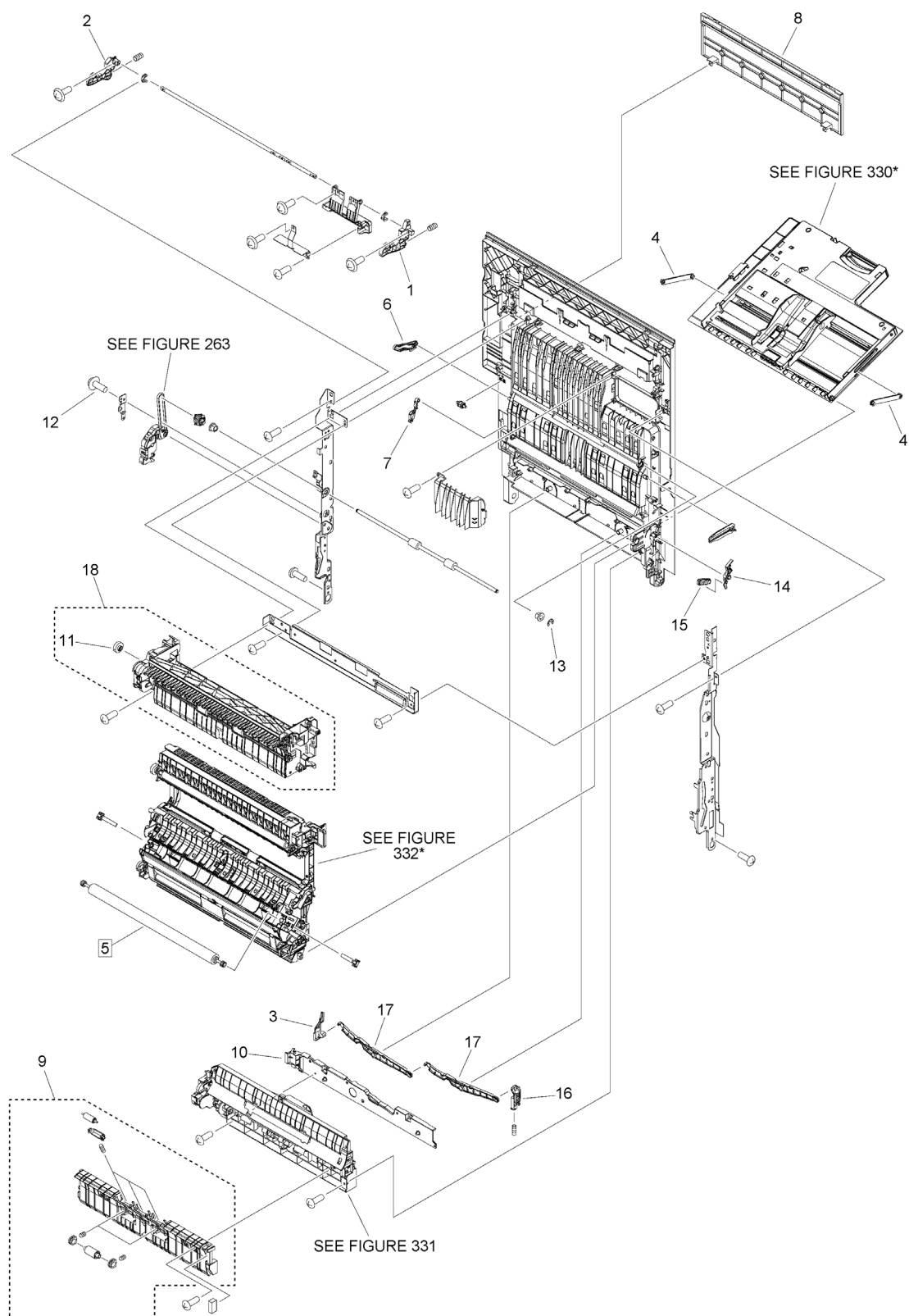


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
111B	FM2-K568-000		1	RIGHT DOOR ASSEMBLY	SEE NOTE iR-ADV 4925 Series
1	FE2-H170-000		1	LATCH, FRONT	
2	FE2-H177-000		1	LATCH, REAR	
3	FE2-V933-000		1	SLIDER, STOPPER, REAR	
4	FE3-0438-000		2	LINK, MULTI PAPER PICK-UP TRAY	
5	FL1-B055-010		1	ROLLER,2ND TRNS. OUTER, TR-501	[DP]
6	FE4-1750-000		1	STOPPER, DUPLEXING, REAR	
7	FE2-V932-010		1	LEVER, STOPPER, REAR	
8	FL4-5147-000		1	COVER, THIRD PAPER DELIVERY	
9	FM1-B669-000		1	CROSSING GUIDE ASSEMBLY	
10	FE2-V934-000		1	COVER, RIGHT DOOR, LOWER	
11	FU2-2397-000		1	GEAR, 21T	
12	XA9-2050-000		2	SCREW, SELF-TAPPING, M3	
13	XD9-0395-000		1	RETAINING RING (E-TYPE)	
14	FE2-V928-000		1	LEVER, STOPPER, FRONT	
15	FE2-V929-000		1	LINK, SWITCH	
16	FE2-V930-000		1	STOPPER, SWITCH	
17	FE2-V931-000		2	LINK, STOPPER	
18	FM2-E015-010		1	REVERSE GUIDE ASSEMBLY, UPPER	

Figure 112 RIGHT DOOR ASSEMBLY, LOWER

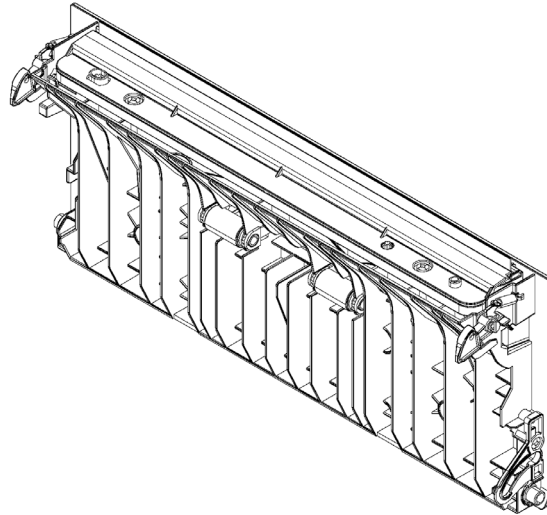


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
112	FM2-C241-000		1	RIGHT DOOR ASSEMBLY, LOWER	

Figure 130 CONTROL PANEL ASSEMBLY

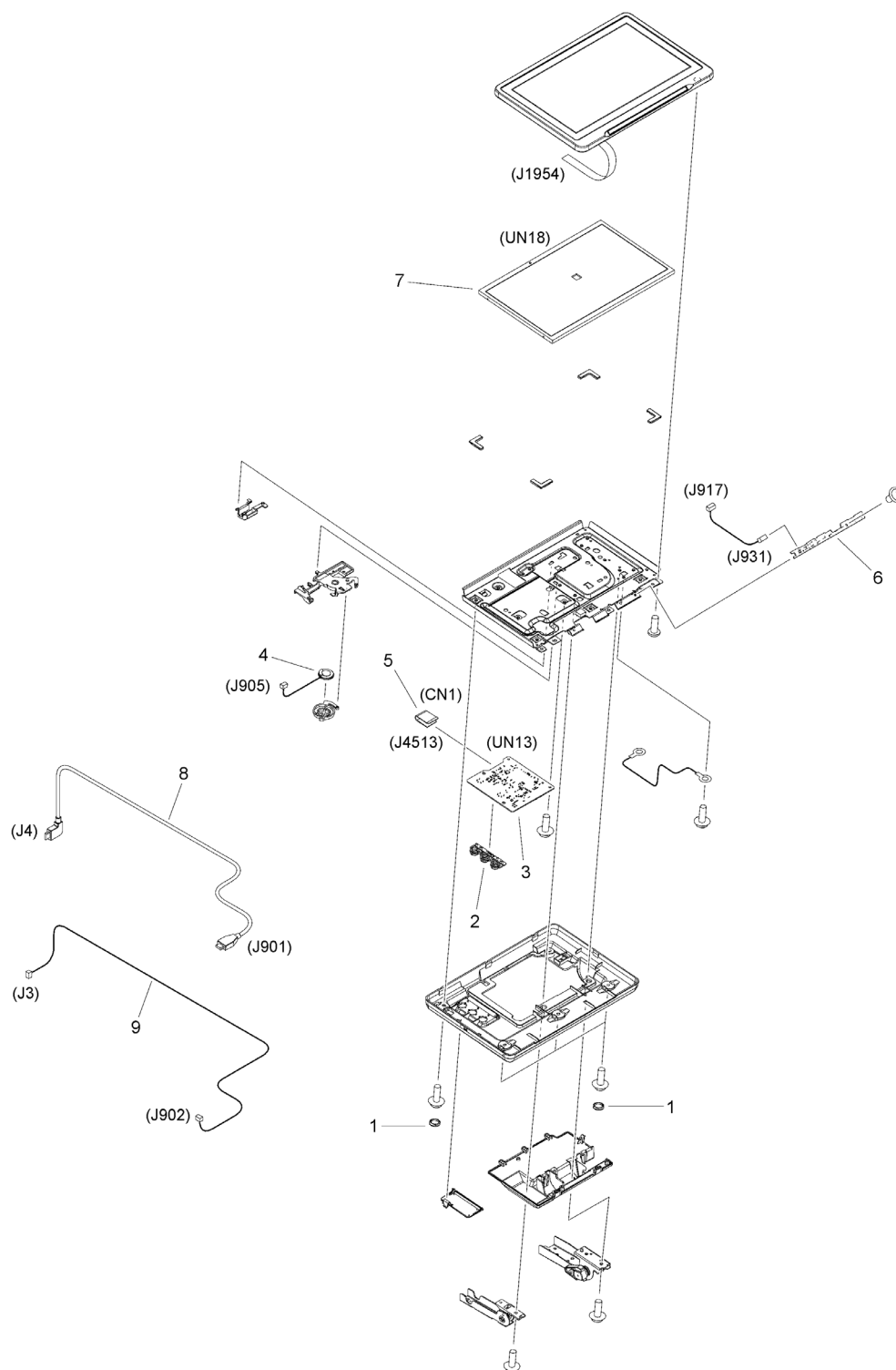


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
130	FM2-L719-000		1	CONTROL PANEL ASSEMBLY	
1	FE3-9169-000		4	CAP	
2	FE8-7637-000		1	KEY TOP, SWITCH	
3	FM3-C906-000		1	CONTROL PANEL MAIN PCB ASS'Y	UN13
4	FK4-2377-000		1	SPEAKER	J905
5	FK4-4895-000		1	CABLE, FLAT	CN1, J4513
6	FM2-A912-000		1	CONTROL PANEL LED PCB ASSEMBLY	
7	FK4-6830-000		1	LCD UNIT	UN18
8	FK4-6206-010		1	CABLE, CONTROL PANEL SIGNAL	J4, J901
9	FM2-R817-000		1	CABLE, CONTROL PANEL POWER	J3, J902

Figure 140C POWER CORD TERMINAL ASSEMBLY (230V)

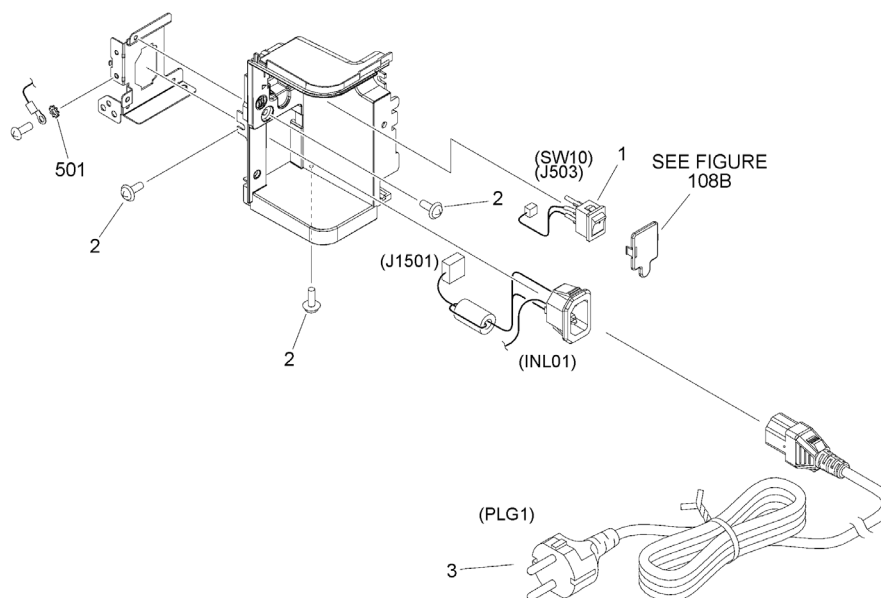


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
140C	NPN		RF	POWER CORD TERMINAL ASSEMBLY	230V
1	FM2-Q962-000		1	CABLE, ENVIRONMENT SWITCH	SW10, J503
2	XA9-2050-000		3	SCREW, SELF-TAPPING, M3	
3	FK4-1390-000		1	CORD, POWER	PLG1
501	XD1-4200-402		1	WASHER, TOOTHED LOCK, M4	

Figure 191 FRONT FAN ASSEMBLY

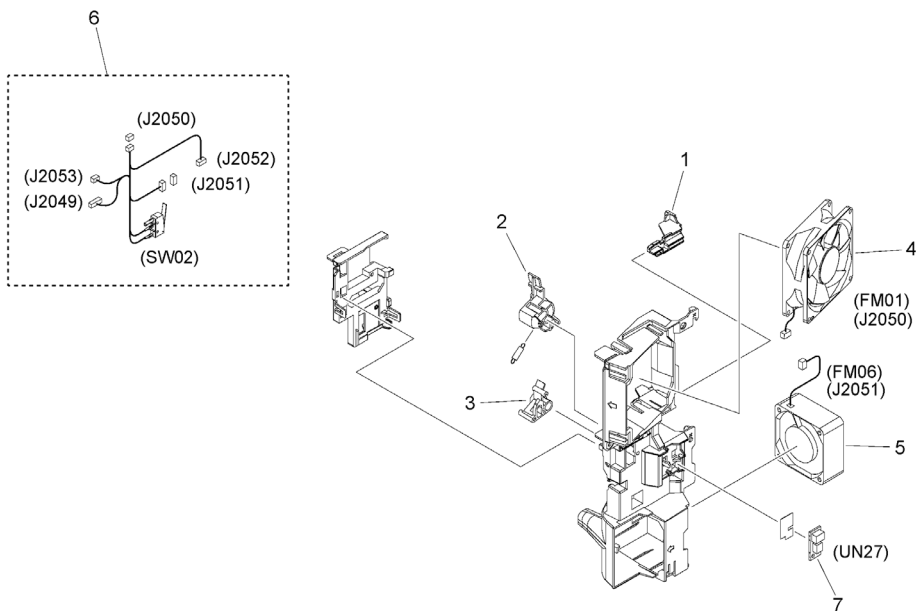


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
191	NPN		RF	FRONT FAN ASSEMBLY	
1	FE2-T643-000		1	LEVER, LOCK	
2	FE3-0817-000		1	ARM, INTERLOCK, 1	
3	FE3-0849-000		1	ARM, INTERLOCK, 2	
4	FK4-5742-000		1	FAN	FM01, J2050
5	FK4-3647-000		1	FAN	FM06, J2051
6	FM2-Q984-000		1	CABLE, INTERLOCK SWITCH	SW02, J2049, J2050, J2051, J2052, J2053
7	WP2-5473-000		1	SENSOR, HUMIDITY, HSU-08FDB2A	UN27

Figure 192 FIXING EXHAUST FAN ASSEMBLY

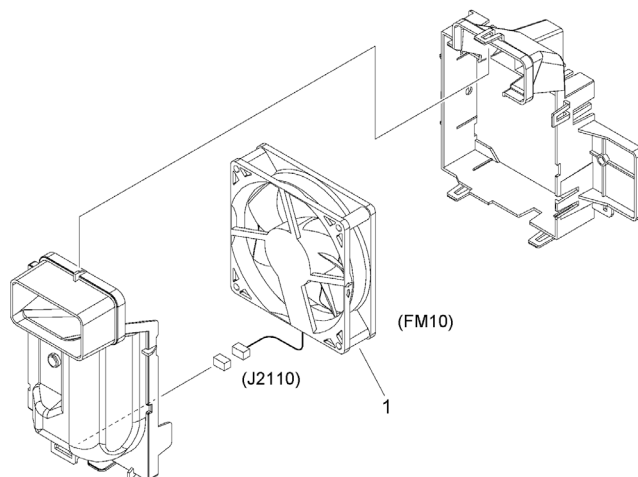


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
192	NPN		RF	FIXING EXHAUST FAN ASSEMBLY	
1	FK4-6113-000		1	FAN	FM10, J2110

Figure 193A DELIVERY COOLING FAN ASSEMBLY (iR-ADV 4945, 4935 Series)

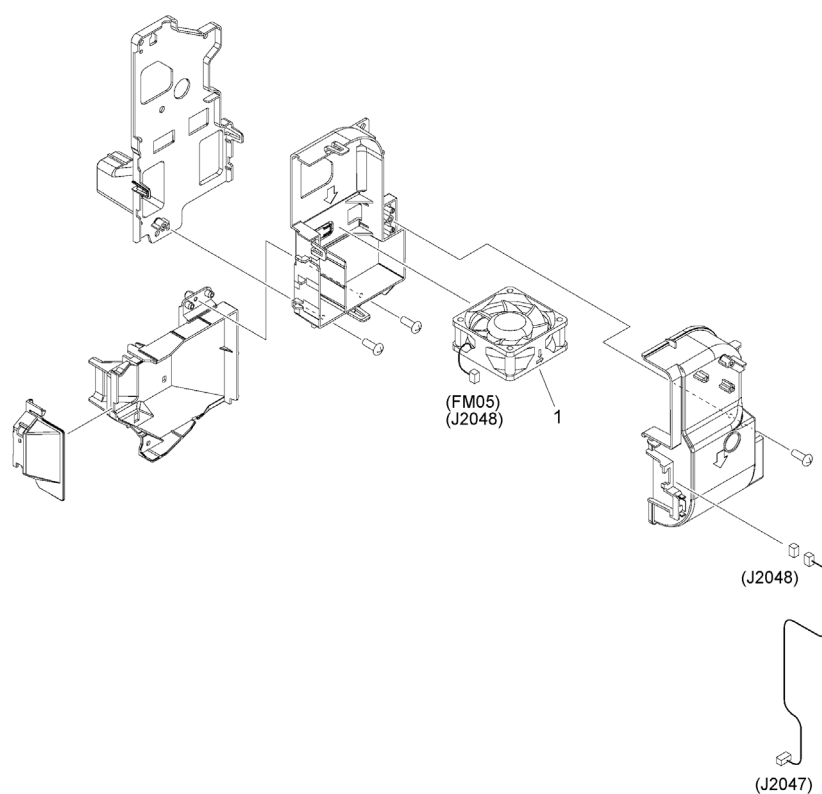


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
193A	NPN		RF	DELIVERY COOLING FAN ASSEMBLY	iR-ADV 4945 Series, iR-ADV 4935 Series
1	FK4-3647-000		1	FAN	FM05, J2048

Figure 193B DELIVERY COOLING FAN ASSEMBLY (iR-ADV 4925 Series)

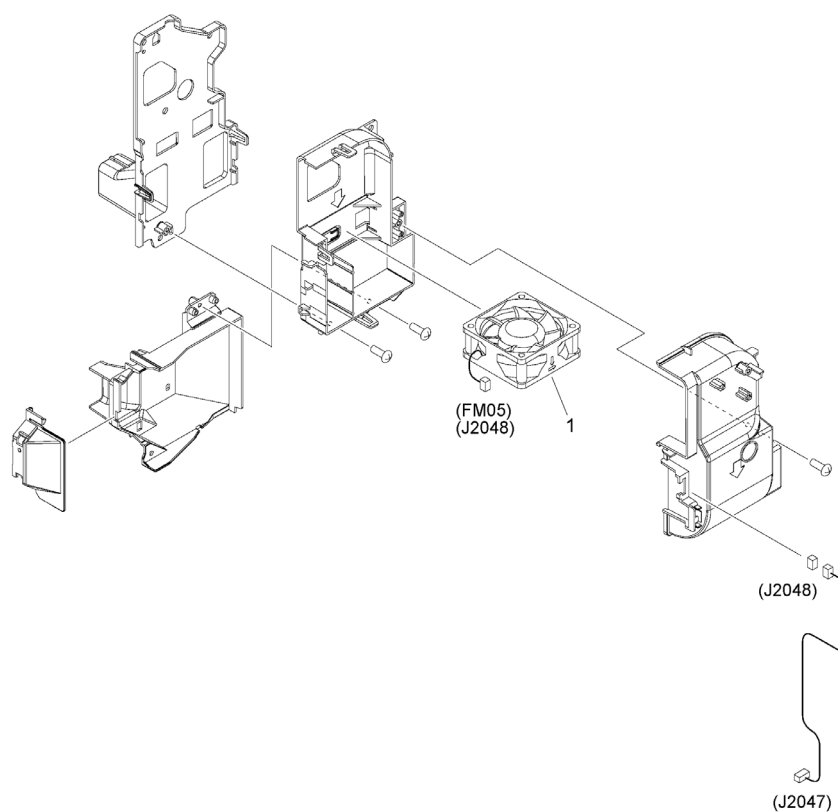


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
193B	NPN		RF	DELIVERY COOLING FAN ASSEMBLY	iR-ADV 4925 Series
1	FK4-3647-000		1	FAN	FM05, J2048

FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
194	FM2-E051-000		1	SIDE END COOLING FAN ASSEMBLY	
1	FK2-2069-000		1	MOTOR, STEPPING, DC	M32, J2600
2	FK4-3647-000		2	FAN	FM07, FM08, J2033, J2098
3	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS55, J2601
4	FM2-D625-000		1	AIR FILTER ASSEMBLY	[DP]

Figure 195 MOTOR COOLING FAN ASSEMBLY

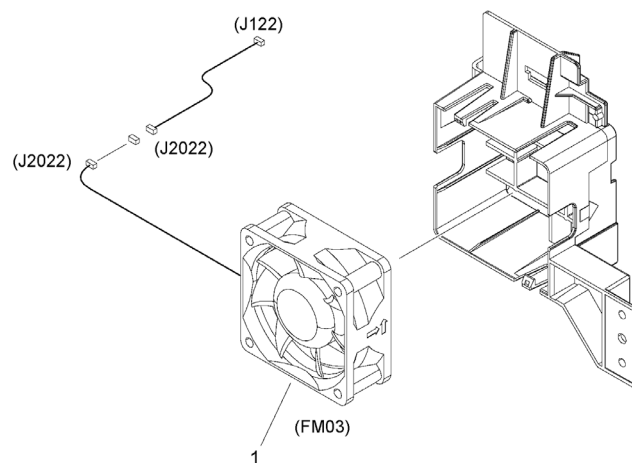


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
195	NPN		RF	MOTOR COOLING FAN ASSEMBLY	
1	FK4-3647-000		1	FAN	FM03, J2022

Figure 250 MAIN DRIVE ASSEMBLY

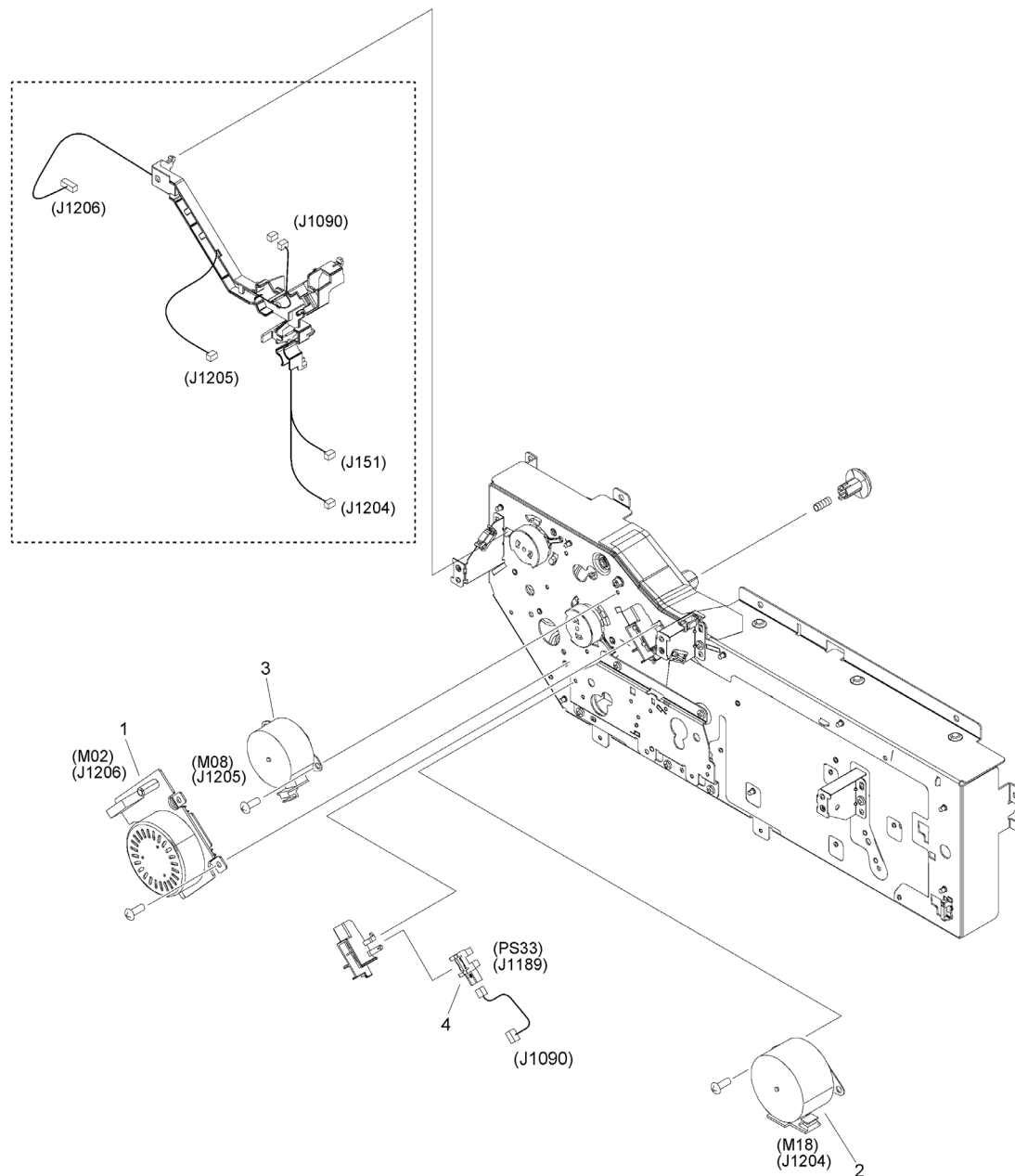


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
250	FM2-M315-000		1	MAIN DRIVE ASSEMBLY	
1	FK4-8324-000		1	MOTOR, DC BRUSHLESS, 23W	M02, J1206
2	FM3-M986-000		1	MOTOR, STEPPING, DC	M18, J1204
3	FM2-U944-000		1	MOTOR, STEPPING, DC	M08, J1205
4	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS33, J1189

Figure 260 REGISTRATION DRIVE ASSEMBLY

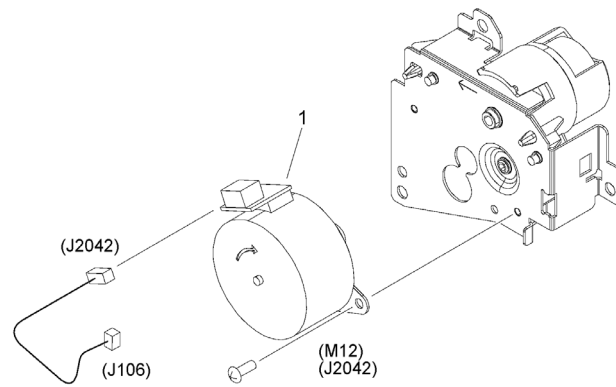


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
260	FM1-Y604-000		1	REGISTRATION DRIVE ASSEMBLY	
1	FM2-U944-000		1	MOTOR, STEPPING, DC	M12, J2042

Figure 262 VERTICAL PATH DRIVE ASSEMBLY

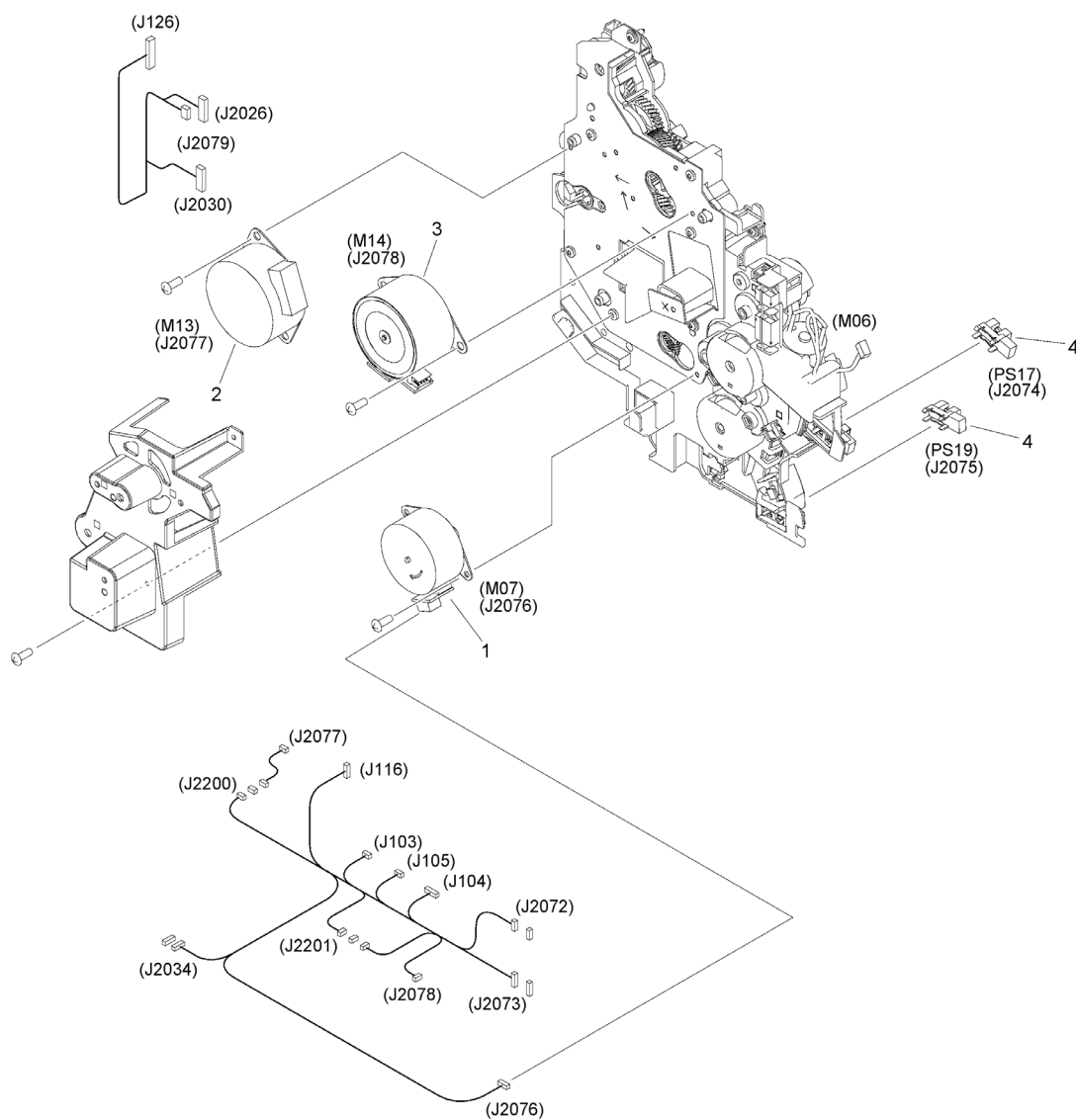


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
262	FM2-A084-000		1	VERTICAL PATH DRIVE ASSEMBLY	M06
1	FM2-U944-000		1	MOTOR, STEPPING, DC	M07, J2076
2	FM2-U946-000		1	MOTOR, STEPPING, DC	M13, J2077
3	FM2-U945-000		1	MOTOR, STEPPING, DC	M14, J2078
4	WG8-5935-000		2	PHOTOINTERRUPTER, RPI-2500	PS17, PS19, J2074, J2075

Figure 263 DUPLEXING DRIVE ASSEMBLY

NOTE : This assembly is included in the assembly shown in Figure 111.

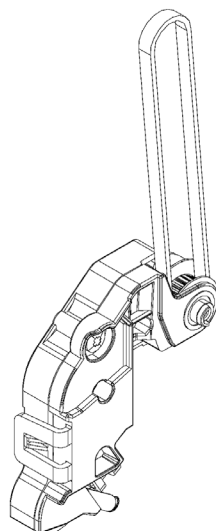


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
263	FM1-Z125-000		1	DUPLEXING DRIVE ASSEMBLY	SEE NOTE

Figure 270 BOTTLE DRIVE ASSEMBLY

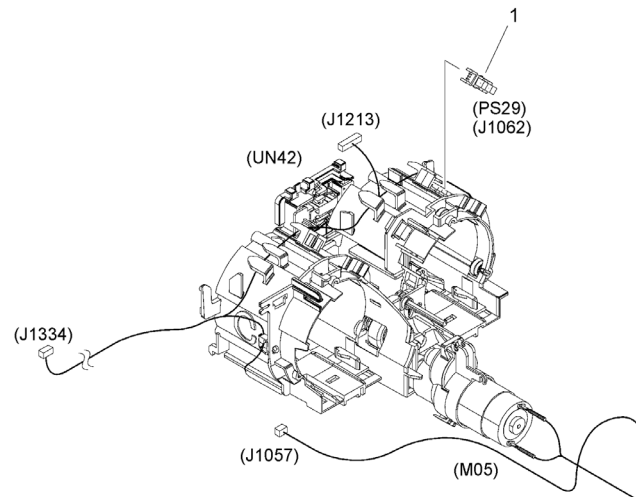


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
270	FM2-H475-000		1	BOTTLE DRIVE ASSEMBLY	M05, UN42, J1057, J1213, J1334
1	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS29, J1062

Figure 280 FIXING DRIVE ASSEMBLY

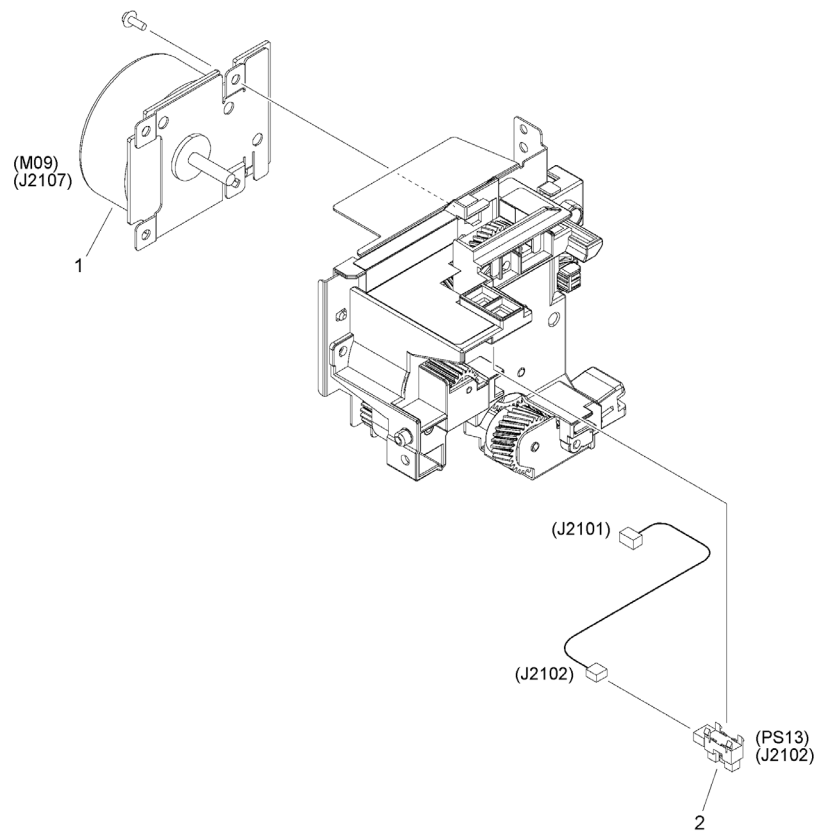


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
280	FM2-J621-000		1	FIXING DRIVE ASSEMBLY	
1	FK4-4728-000		1	MOTOR, DC	M09, J2107
2	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS13, J2102

Figure 310 PAPER PICK-UP ASSEMBLY (SMALL)

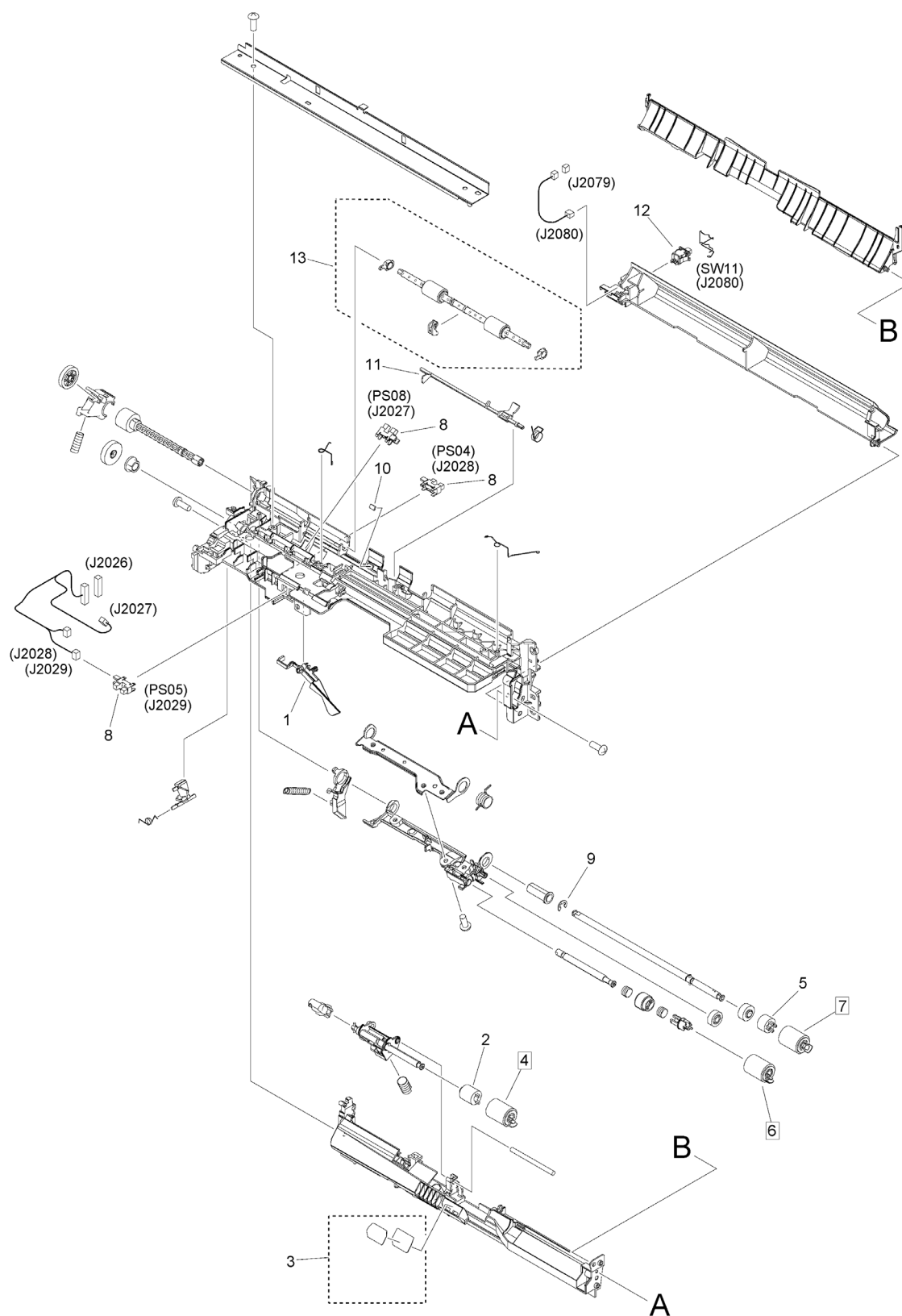


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
310	FM2-A269-010		1	PAPER PICK-UP ASSEMBLY	SMALL
1	FE2-D339-000		1	LEVER, PAPER YES/NO DETECT	
2	FE4-9853-000		1	LIMITTER, TORQUE	
3	FL0-1161-000		1	SHEET, GUIDE	
4	FL1-3762-010		1	ROLLER, SEPARATION	[DP]
5	FL1-5821-000		1	ONE-WAY CLUTCH ASSEMBLY	
6	FL4-0762-000		1	ROLLER, PAPER PICK-UP	[DP]
7	FL4-0763-000		1	ROLLER, PAPER FEED	[DP]
8	WG8-5935-000		3	PHOTOINTERRUPTER, RPI-2500	PS04, PS05, PS08, J2027, J2028, J2029
9	XD9-0395-000		1	RETAINING RING (E-TYPE)	
10	FL0-1516-000		1	DAMPER	
11	FE3-1595-000		1	FLAG, SENSOR	
12	WC2-5806-000		1	SWITCH, PUSH	SW11, J2080
13	FM2-K478-000		1	EXTRACTION ROLLER SET	

Figure 311 PAPER PICK-UP ASSEMBLY (LARGE)

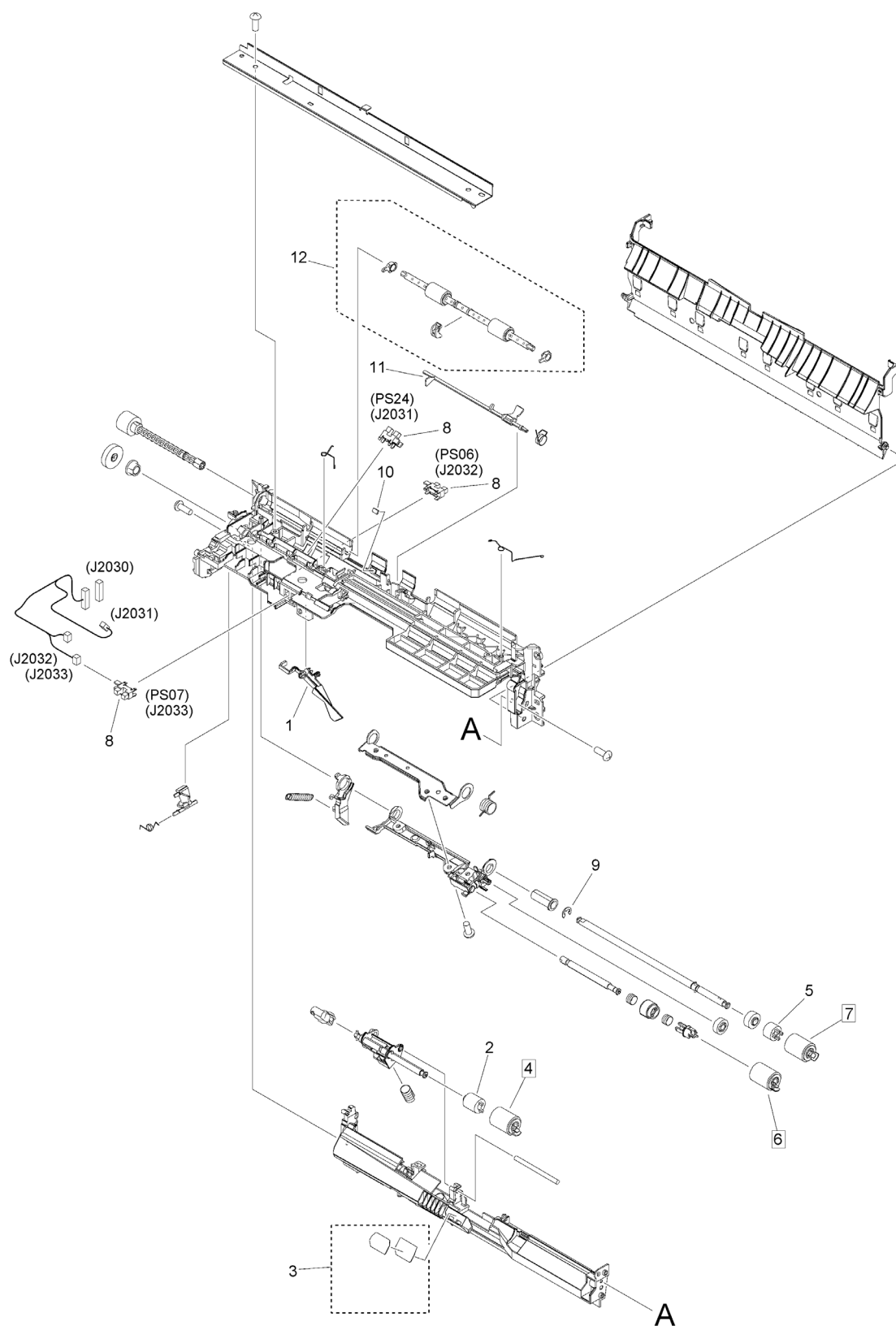


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
311	FM2-A270-010		1	PAPER PICK-UP ASSEMBLY	LARGE
1	FE2-D339-000		1	LEVER, PAPER YES/NO DETECT	
2	FE4-9853-000		1	LIMITTER, TORQUE	
3	FL0-1161-000		1	SHEET, GUIDE	
4	FL1-3762-010		1	ROLLER, SEPARATION	[DP]
5	FL1-5821-000		1	ONE-WAY CLUTCH ASSEMBLY	
6	FL4-0762-000		1	ROLLER, PAPER PICK-UP	[DP]
7	FL4-0763-000		1	ROLLER, PAPER FEED	[DP]
8	WG8-5935-000		3	PHOTOINTERRUPTER, RPI-2500	PS06, PS07, PS24, J2031, J2032, J2033
9	XD9-0395-000		1	RETAINING RING (E-TYPE)	
10	FL0-1516-000		1	DAMPER	
11	FE3-1595-000		1	FLAG, SENSOR	
12	FM2-K478-000		1	EXTRACTION ROLLER SET	

Figure 320 REGISTRATION ASSEMBLY

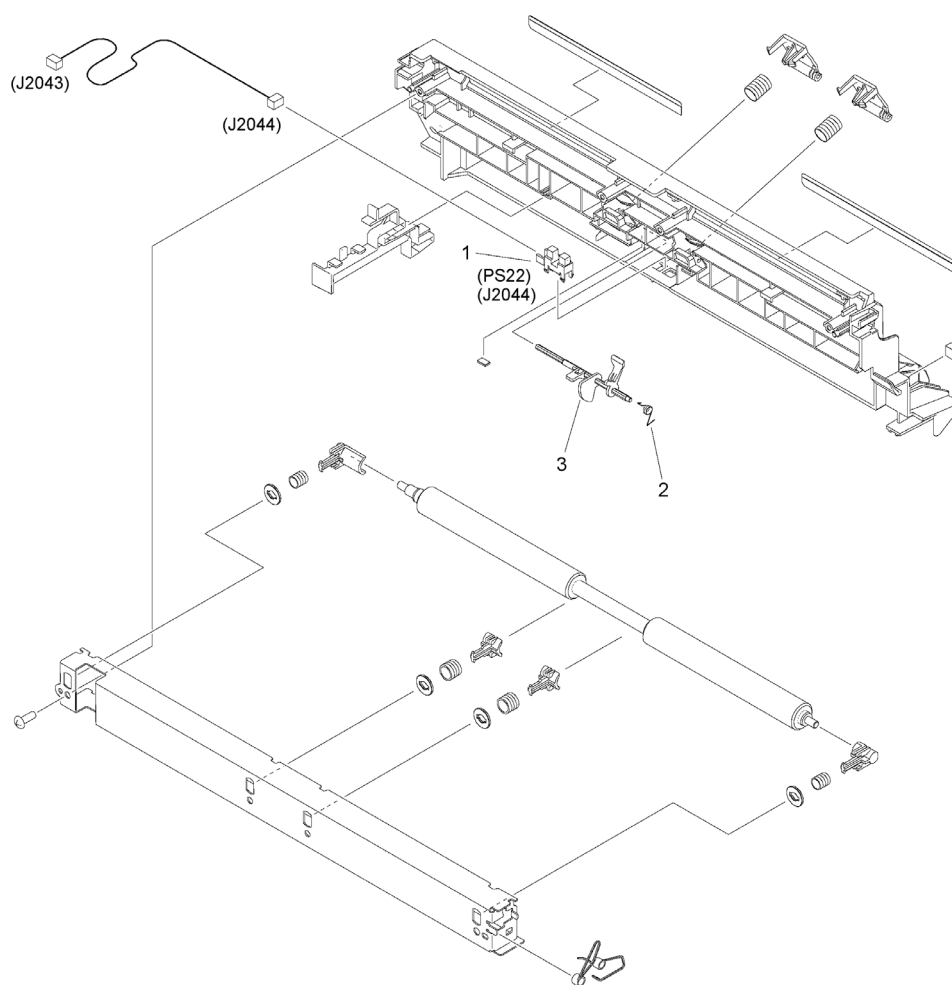


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
320	FM1-A625-020		1	REGISTRATION ASSEMBLY	
1	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS22, J2044
2	FU2-0088-000		1	SPRING, TORSION	
3	FE4-1027-000		1	FLAG, SENSOR	

Figure 330B MULTI PAPER PICK-UP TRAY ASSEMBLY

*NOTE 1 : This assembly is included in the assembly shown in Figure 111. NOTE 2 : This assembly does not include the part shown with key No. 2. Several kinds of labels are attached on the board for the parts of Key No. 2. NOTE 3 : This assembly does not include the parts shown inside the frame.

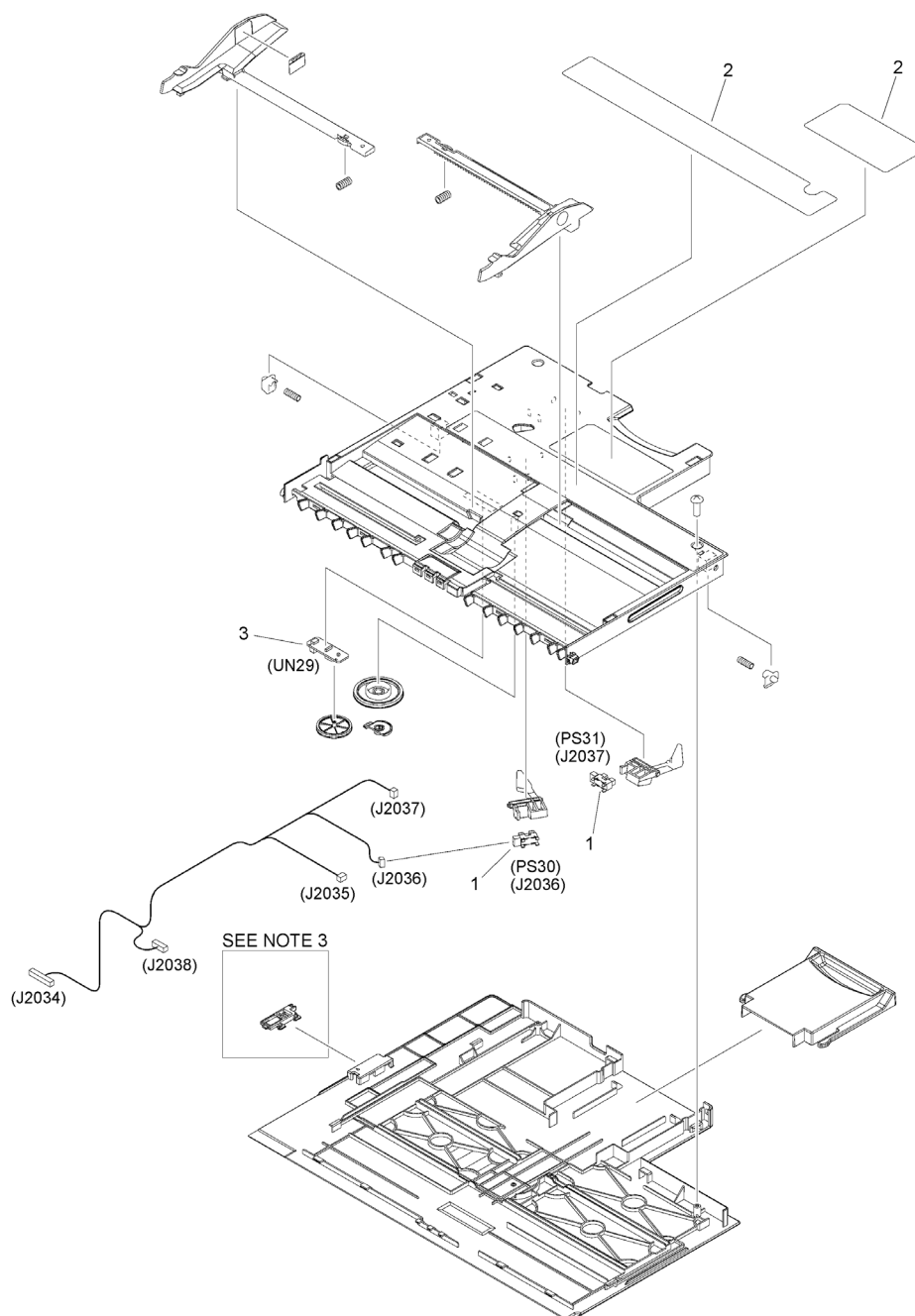


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
330B	FM1-P612-010		1	MULTI PAPER PICK-UP TRAY ASS'Y	SEE NOTE 1 SEE NOTE 3
1	WG8-5935-000		2	PHOTOINTERRUPTER, RPI-2500	PS30, PS31, J2036, J2037
2	FE2-C283-000		1	LABEL, MULTI FEED	SEE NOTE 2
3	FM1-C998-000		1	PAPER WIDTH SENSING PCB ASS'Y	UN29

Figure 331 MULTI PAPER PICK-UP ASSEMBLY

NOTE : This assembly is included in the assembly shown in Figure 111.

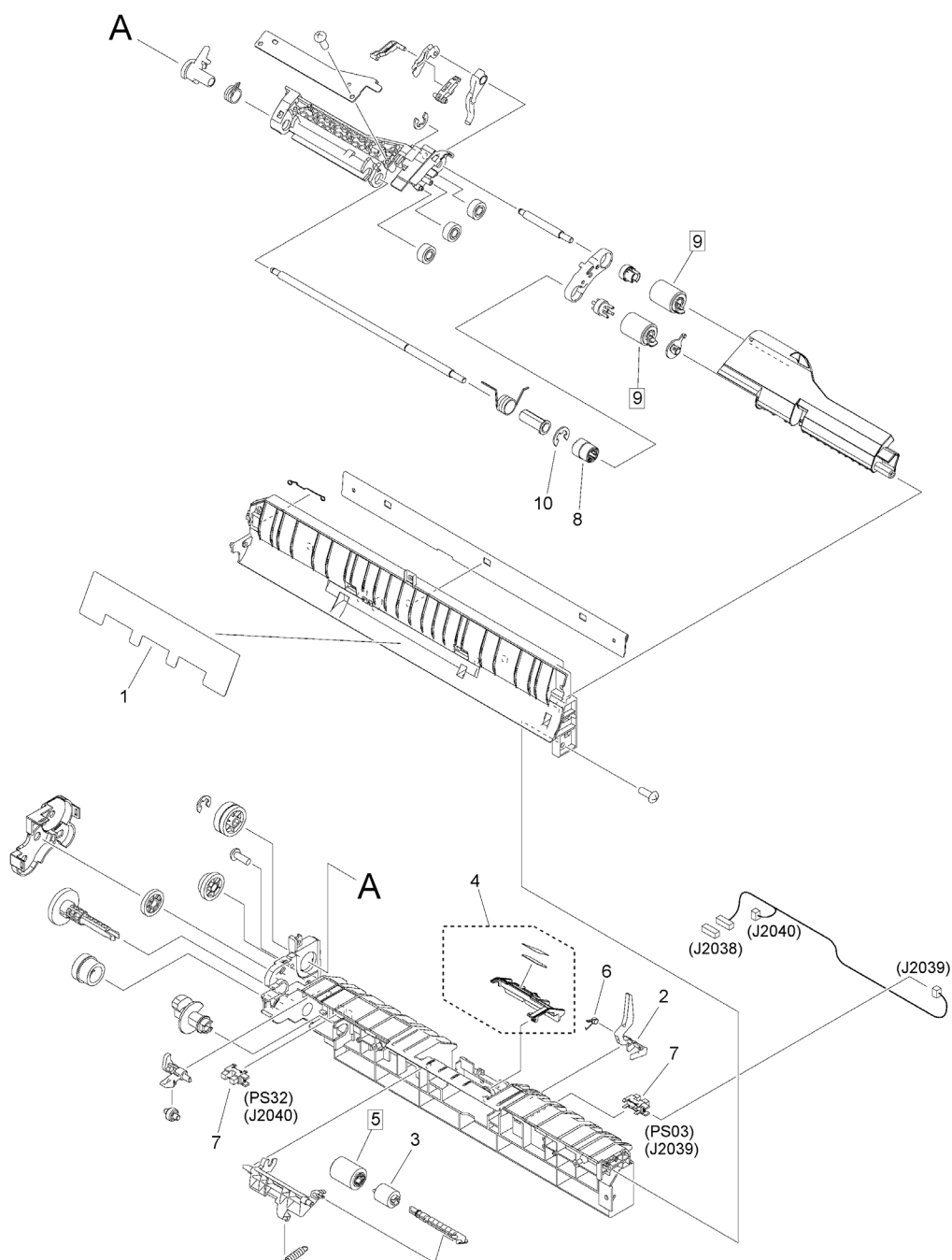


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
331	FM2-A082-000		1	MULTI PAPER PICK-UP ASSEMBLY	SEE NOTE
1	FL0-4784-000		1	SHEET	
2	FE3-1648-000		1	LEVER, PAPER PRESENCE DETECT	
3	FE4-9853-000		1	LIMITTER, TORQUE	
4	FL0-1152-030		1	COVER, SEPARATION ROLLER	
5	FL1-3762-010		1	ROLLER, SEPARATION	[DP]
6	FU2-0264-000		1	SPRING, TORSION	
7	WG8-5935-000		2	PHOTOINTERRUPTER, RPI-2500	PS03, PS32, J2039, J2040
8	FL1-5822-000		1	CLUTCH, ONE-WAY	
9	FL4-0762-000		2	ROLLER, PAPER PICK-UP	[DP]
10	XD9-0395-000		1	RETAINING RING (E-TYPE)	

Figure 332A DUPLEXING GUIDE ASSEMBLY (iR-ADV 4945, 4935 Series)

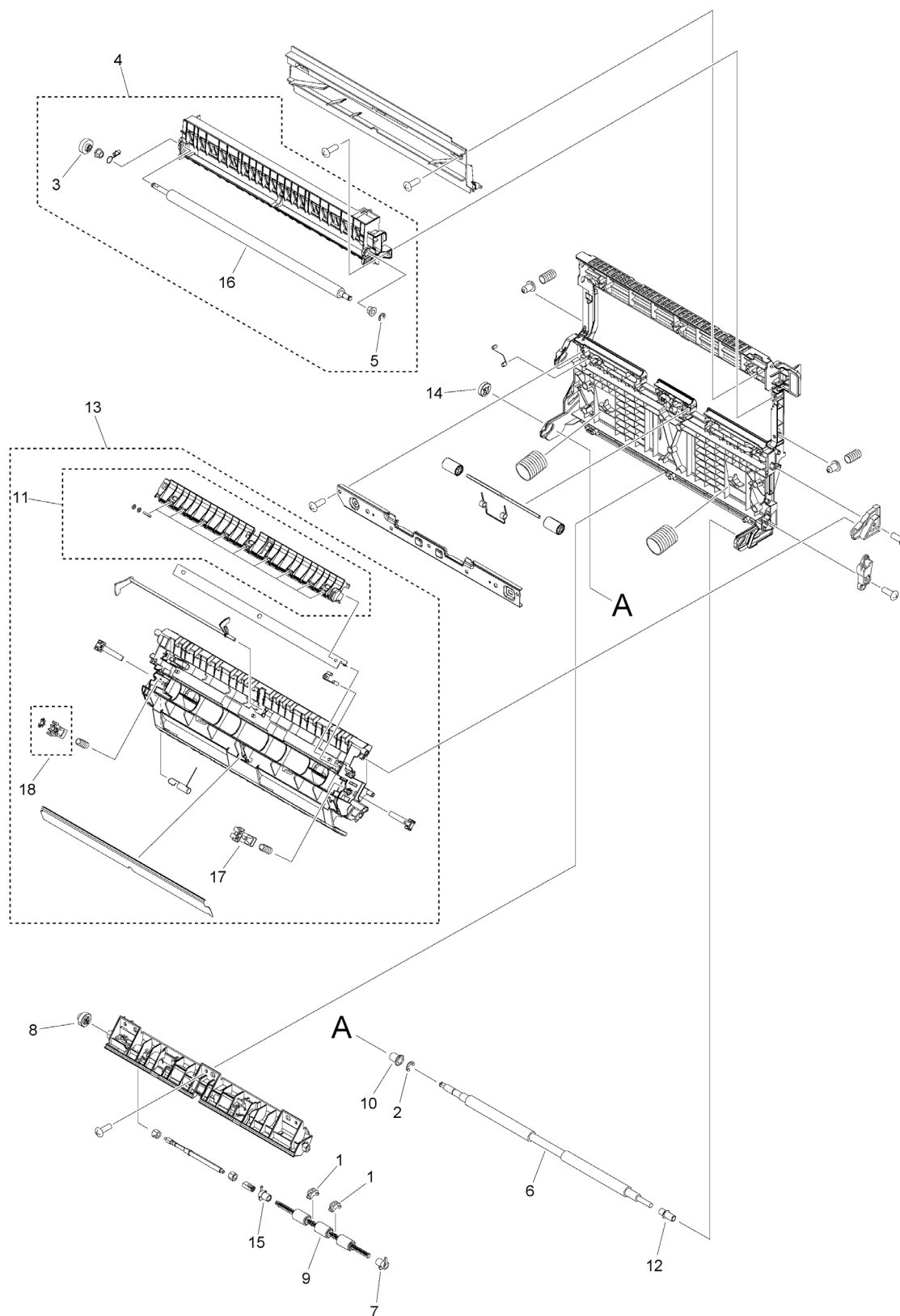


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
332A	NPN		RF	DUPLEXING GUIDE ASSEMBLY	iR-ADV 4945 Series, iR-ADV 4935 Series
1	FC0-5888-000		2	BUSHING	
2	XD9-0396-000		1	RETAINING RING (E-TYPE)	
3	FU2-2397-000		1	GEAR, 21T	
4	FM1-Y554-000		1	VERTICAL PATH GUIDE ASS'Y, LW.	
5	XD9-0395-000		1	RETAINING RING (E-TYPE)	
6	FE3-1092-010		1	ROLLER, REGISTRATION	
7	FE3-9567-000		1	BUSHING	
8	FU2-3050-000		1	GEAR, 21T	
9	FL0-3975-000		1	ROLLER, EXTRACTION	
10	FU2-0168-000		1	BUSHING	
11	FM1-D183-010		1	ROLLER GUIDE ASSEMBLY	
12	FU2-0167-010		1	BUSHING	
13	FM2-K573-000		1	SECONDARY TRANSFER ASSEMBLY	
14	FU2-0094-000		1	GEAR, 21T	
15	FE3-9568-000		1	BUSHING	
16	FL1-3979-000		1	ROLLER, DELIVERY ENT. DRIVE	
17	FE2-V002-000		1	BUSHING, ROLLER, FRONT	
18	FM2-Q070-000		1	2ND TRNSFR. BUSHING ASS'Y, RR.	

Figure 332B DUPLEXING GUIDE ASSEMBLY (iR-ADV 4925 Series)

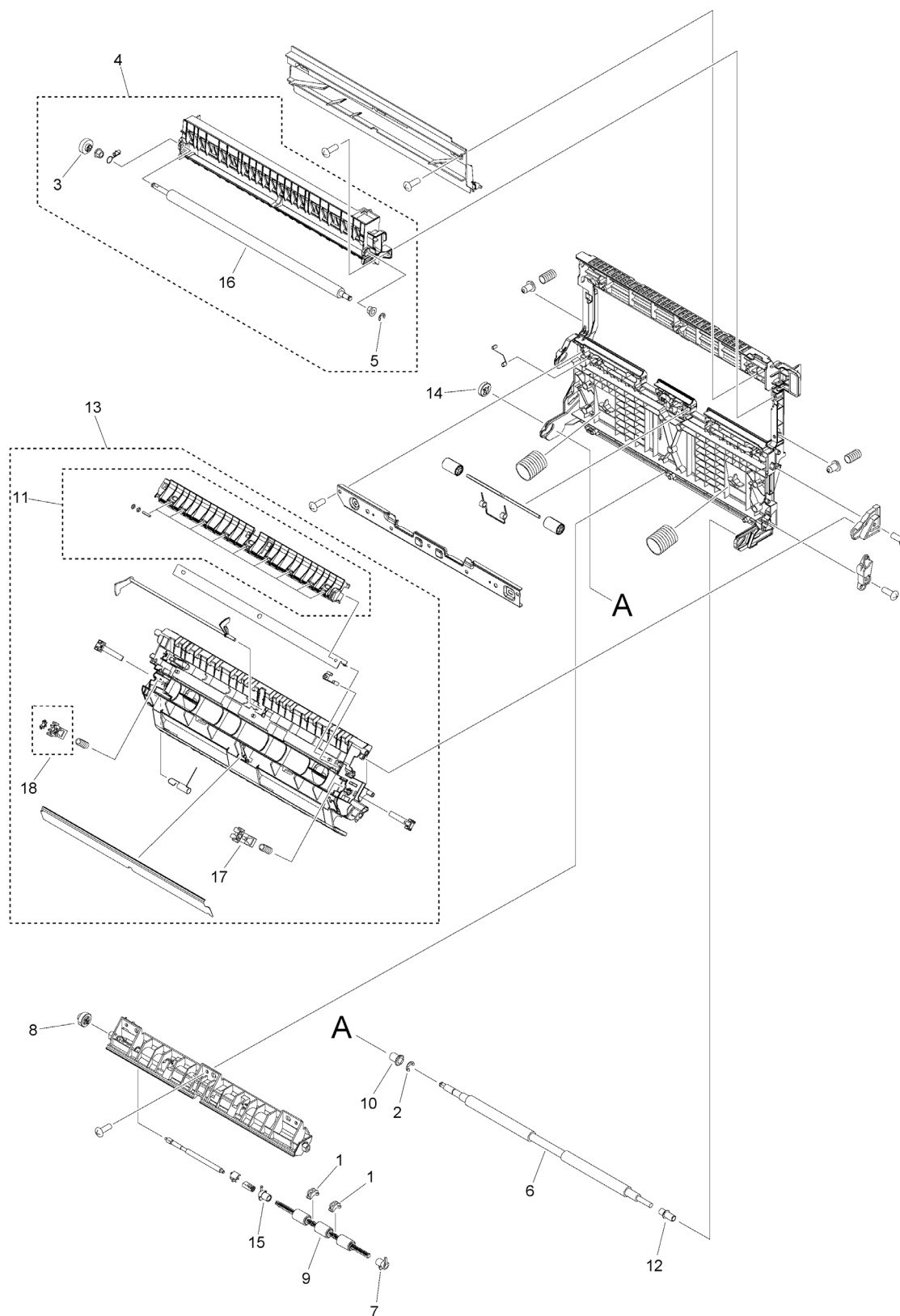


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
332B	NPN		RF	DUPLEXING GUIDE ASSEMBLY	iR-ADV 4925 Series
1	FC0-5888-000		2	BUSHING	
2	XD9-0396-000		1	RETAINING RING (E-TYPE)	
3	FU2-2397-000		1	GEAR, 21T	
4	FM1-Y554-000		1	VERTICAL PATH GUIDE ASS'Y, LW.	
5	XD9-0395-000		1	RETAINING RING (E-TYPE)	
6	FE3-1092-010		1	ROLLER, REGISTRATION	
7	FE3-9567-000		1	BUSHING	
8	FU2-3050-000		1	GEAR, 21T	
9	FL0-3975-000		1	ROLLER, EXTRACTION	
10	FU2-0168-000		1	BUSHING	
11	FM1-D183-010		1	ROLLER GUIDE ASSEMBLY	
12	FU2-0167-010		1	BUSHING	
13	FM2-K573-000		1	SECONDARY TRANSFER ASSEMBLY	
14	FU2-0094-000		1	GEAR, 21T	
15	FE3-9568-000		1	BUSHING	
16	FL1-3979-000		1	ROLLER, DELIVERY ENT. DRIVE	
17	FE2-V002-000		1	BUSHING, ROLLER, FRONT	
18	FM2-Q070-000		1	2ND TRNSFR. BUSHING ASS'Y, RR.	

Figure 350 PAPER DELIVERY ASSEMBLY

NOTE : This assembly includes the assembly shown in Figure 353.

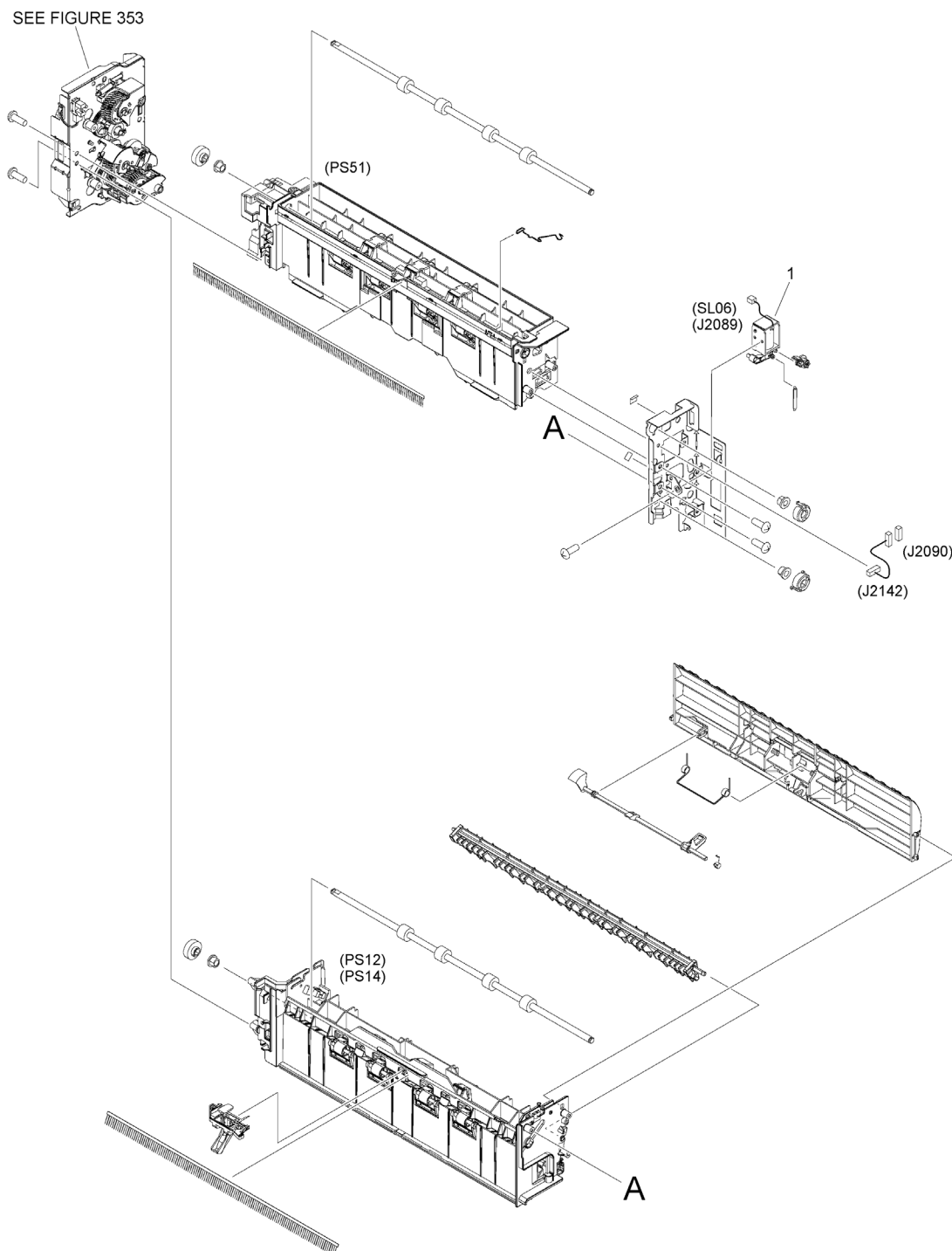


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
350	FM1-Y563-010		1	PAPER DELIVERY ASSEMBLY	SEE NOTE
1	FM1-T125-000		1	SOLENOID ASSEMBLY	SL06, J2089

Figure 353 PAPER DELIVERY DRIVE ASSEMBLY

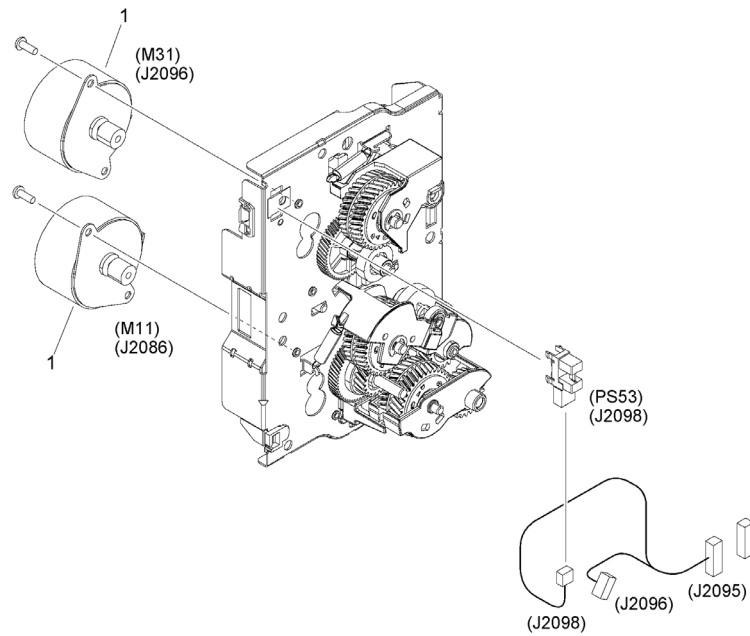


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
353	NPN		RF	PAPER DELIVERY DRIVE ASSEMBLY	
1	FM2-U946-000		2	MOTOR, STEPPING, DC	M11, M31, J2096, J2086

Figure 460A LASER SCANNER ASSEMBLY (iR-ADV 4945, 4935 Series)

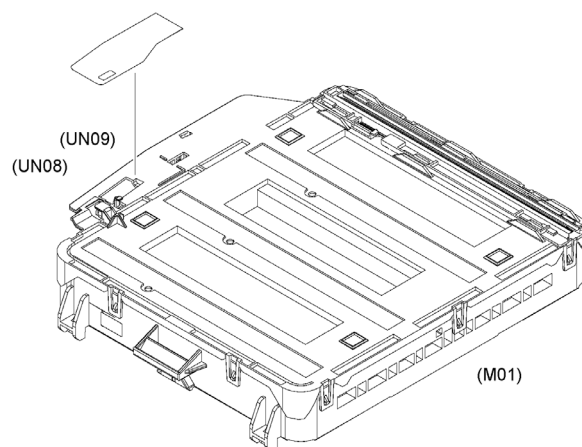


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
460A	FM2-C134-000		1	LASER SCANNER ASSEMBLY	M01, UN08, UN09 iR-ADV 4945 Series, iR-ADV 4935 Series

Figure 460B LASER SCANNER ASSEMBLY (iR-ADV 4925 Series)

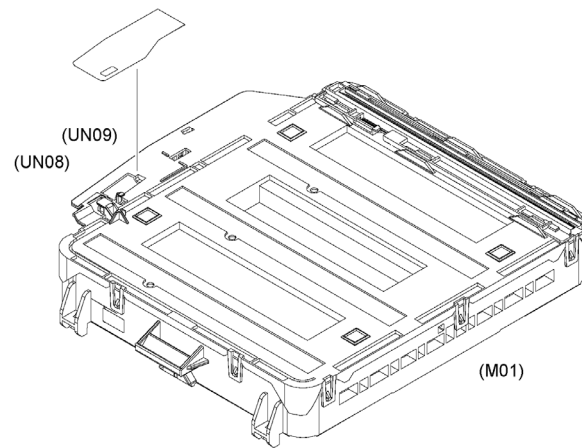


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
460B	FM2-C133-000		1	LASER SCANNER ASSEMBLY	M01, UN08, UN09 iR-ADV 4925 Series

Figure 530 INTER. TRANS. BELT ASS'Y, TB-502

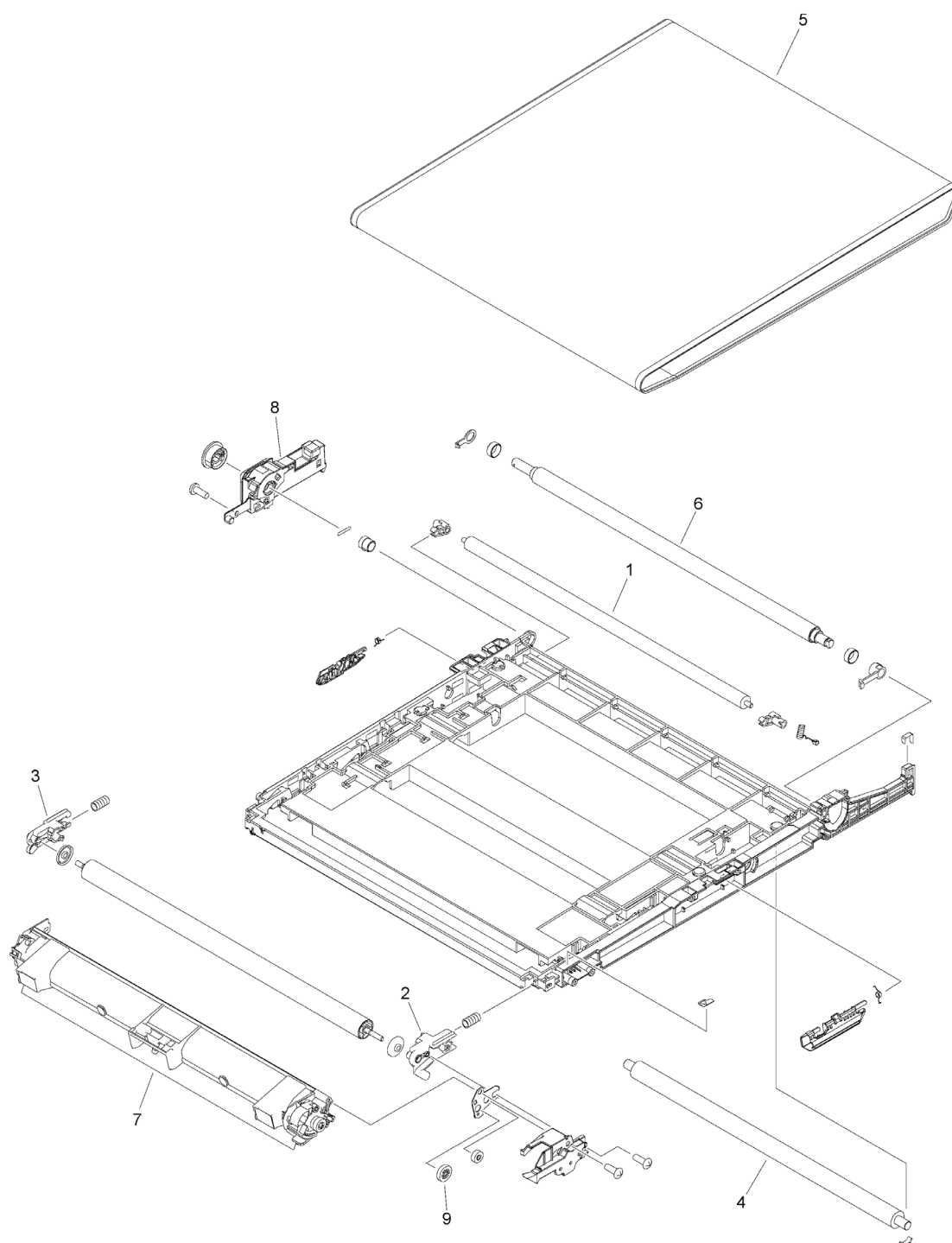


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
530	FM2-H259-000		1	INTER.TRANS.BELT ASS'Y, TB-502	[DP]
1	FE8-7188-000		1	ROLLER, SECONDARY TRANSFER,FR.	
2	FE3-0982-000		1	BUSHING, FRONT	
3	FE3-0983-000		1	BUSHING, REAR	
4	FE3-0986-000		1	ROLLER, PRIMARY TRANSFER	
5	FL0-0222-000		1	BELT, INTERMEDIATE TRANSFER	
6	FL0-0859-000		1	ROLLER, DRIVE	
7	FM1-B271-000		1	TRANSFER CLEANER ASS'Y	
8	FM2-H264-000		1	GRIP ASSEMBLY	
9	FU2-0171-000		1	GEAR, 22T	

Figure 640 DEVELOPING ASSEMBLY

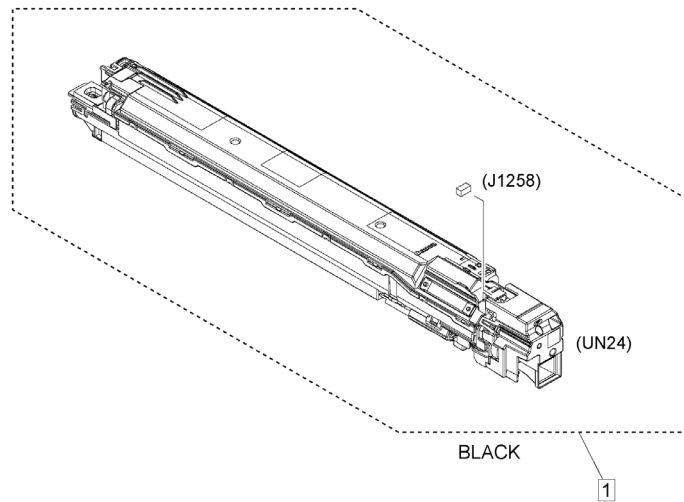


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
640	NPN		RF	DEVELOPING ASSEMBLY	
1	FM2-G092-000		1	DEVELOPING ASSEMBLY, BK	UN24 [DP]

Figure 770 CONTAINER, WASTE TONER, WT-202

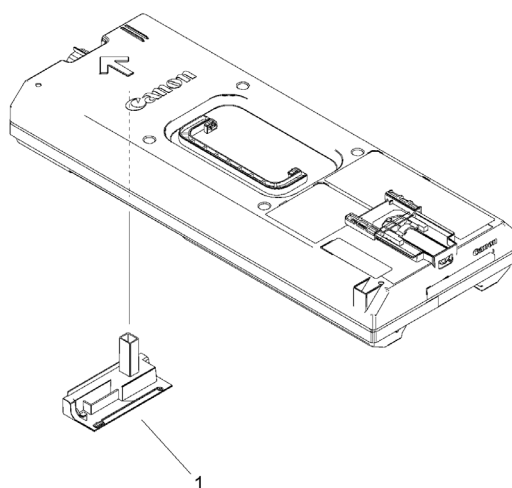


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
770	FM1-A606-050		1	CONTAINER, WASTE TONER, WT-202	[DP]
1	FL0-7007-000		1	WINDOW, WASTE TONER CASE	

Figure 771 WASTE TONER FEED ASSEMBLY

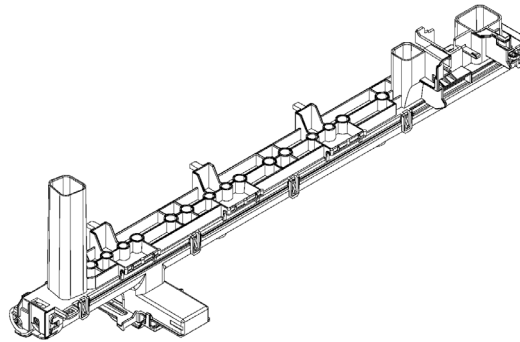


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
771	FM1-R789-000		1	WASTE TONER FEED ASSEMBLY	

Figure 772 WASTE TONER DRIVE UNIT

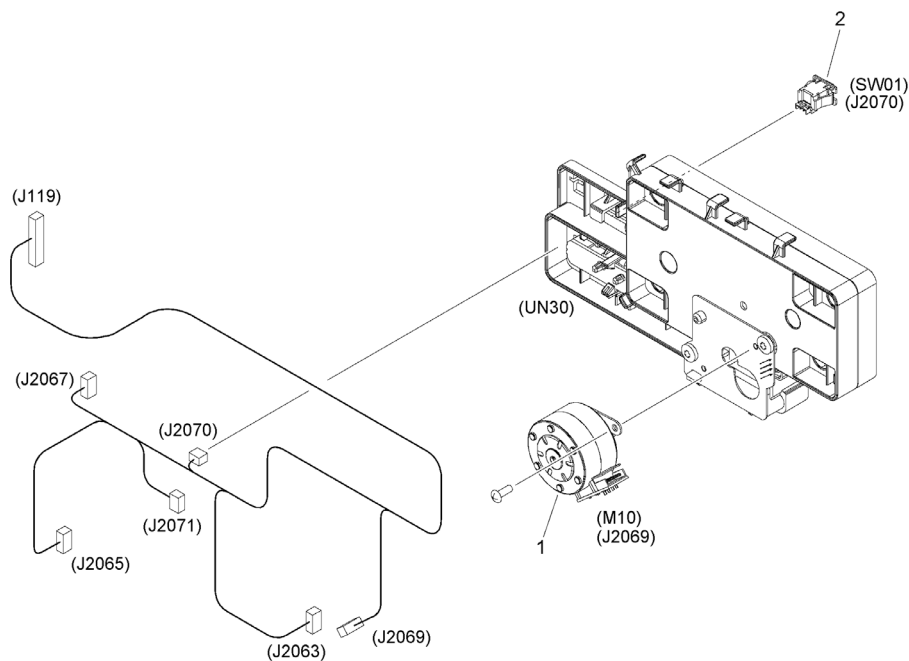


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
772	FM2-A087-010		1	WASTE TONER DRIVE UNIT	UN30
1	FM2-U943-000		1	MOTOR, STEPPING, DC	M10, J2069
2	WC2-5806-000		1	SWITCH, PUSH	SW01, J2070

Figure 810C FIXING ASSEMBLY, FX-504 (230V)

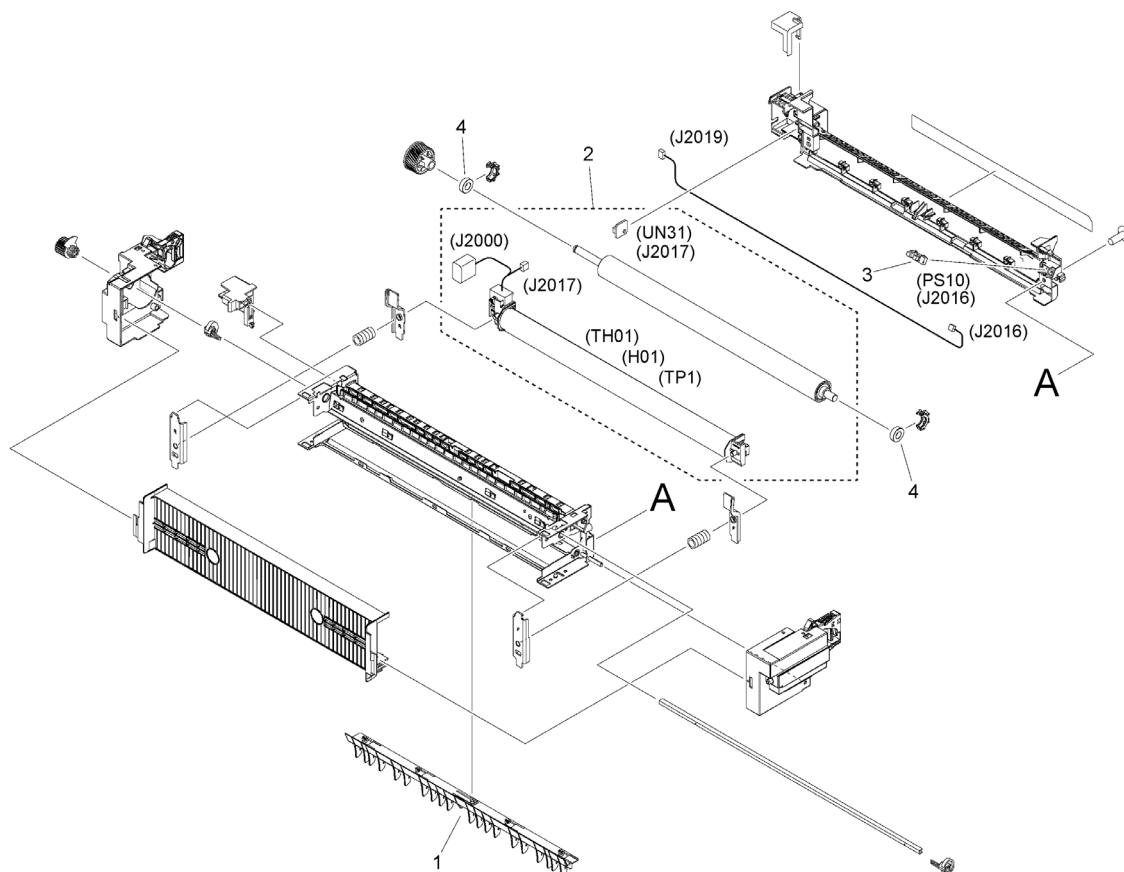


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
810C	FM2-H619-000		1	FIXING ASSEMBLY, FX-504	230V [DP]
1	FE2-H098-000		1	GUIDE, ENTRANCE	
2	FM2-N005-000		1	FIXING FILM ASSEMBLY	H01, TH01, TP1, UN31, J2000, J2017
3	WG8-5935-000		1	PHOTOINTERRUPTER, RPI-2500	PS10, J2016
4	XG9-0793-000		2	BEARING, BALL, L-1680KKRP0P25L	

Figure 910B POWER SUPPLY ASSEMBLY (230V)

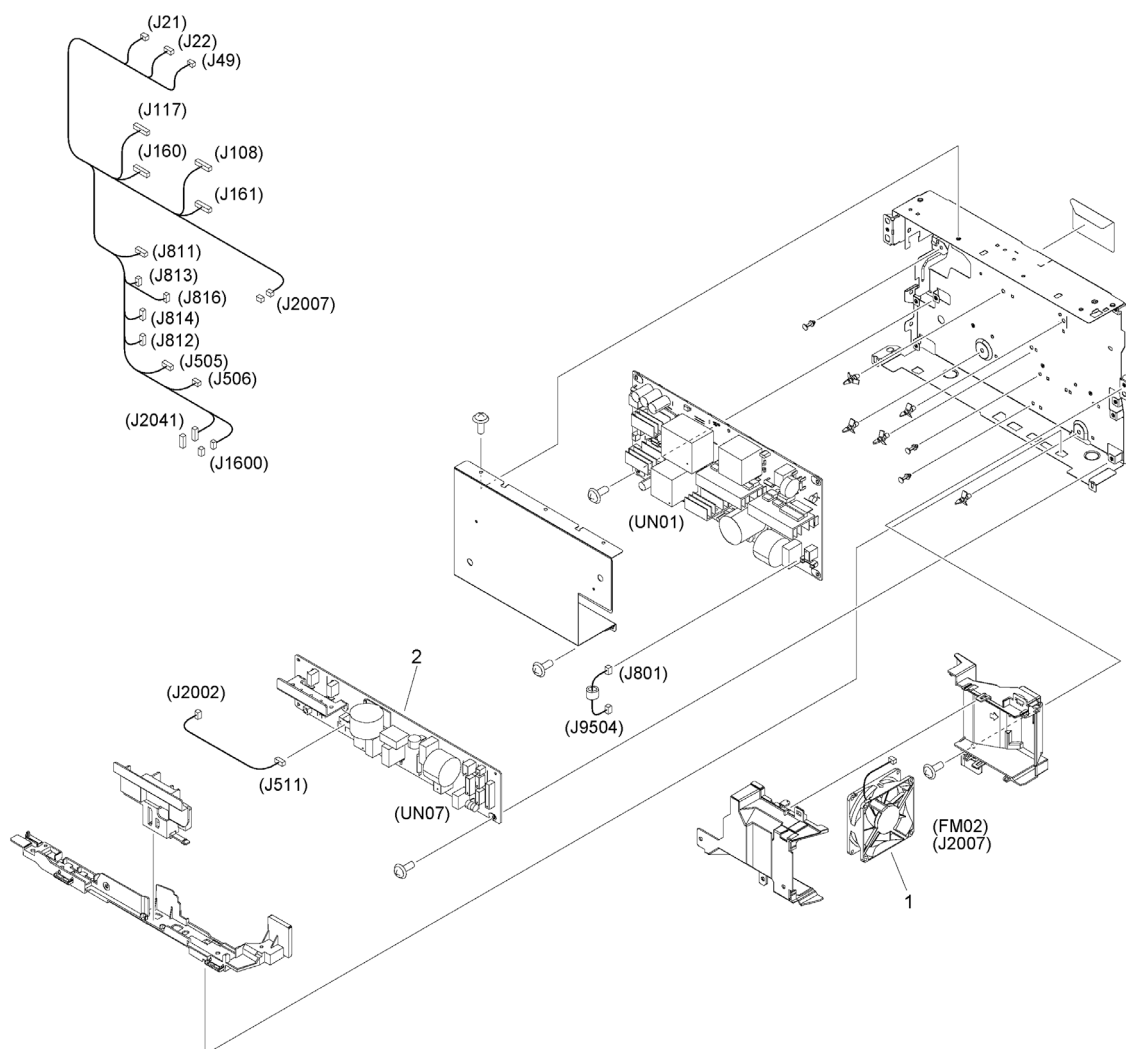


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
910B	FM2-H633-000		1	POWER SUPPLY ASSEMBLY	230V
1	FK4-5742-000		1	FAN	FM02, J2007
2	FM3-G908-000		1	AC DRIVER PCB ASSEMBLY	UN07

Figure 930A MAIN CONTROLLER PCB ASSEMBLY

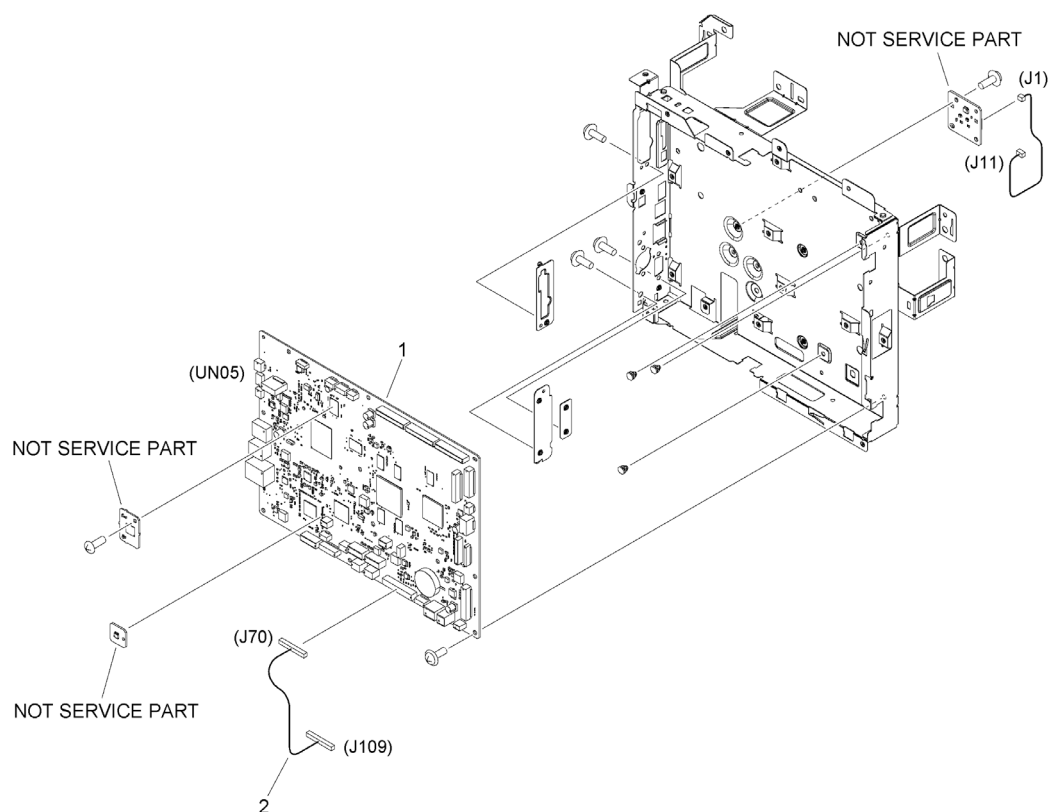


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
930A	NPN		RF	MAIN CONTROLLER PCB ASSEMBLY	
1	FM3-H823-000		1	MAIN CONTROLLER PCB ASSEMBLY	UN05 iR-ADV 4945 Series
1	FM3-H824-000		1	MAIN CONTROLLER PCB ASSEMBLY	UN05 iR-ADV 4935 Series
1	FM3-H825-000		1	MAIN CONTROLLER PCB ASSEMBLY	UN05 iR-ADV 4925 Series
2	FM2-Q994-000		1	CABLE, SIGNAL	J70, J109

Figure 931A DC CONTROLLER PCB ASSEMBLY (iR-ADV 4945, 4935 Series)

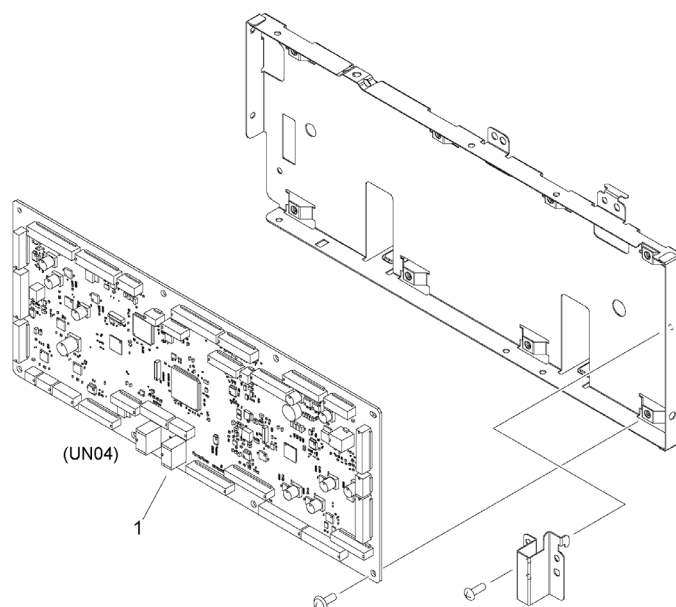


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
931A	NPN		RF	DC CONTROLLER PCB ASSEMBLY	iR-ADV 4945 Series, iR-ADV 4935 Series
1	FM3-F996-000		1	DC CONTROLLER PCB ASSEMBLY	UN04

Figure 931B DC CONTROLLER PCB ASSEMBLY (iR-ADV 4925 Series)

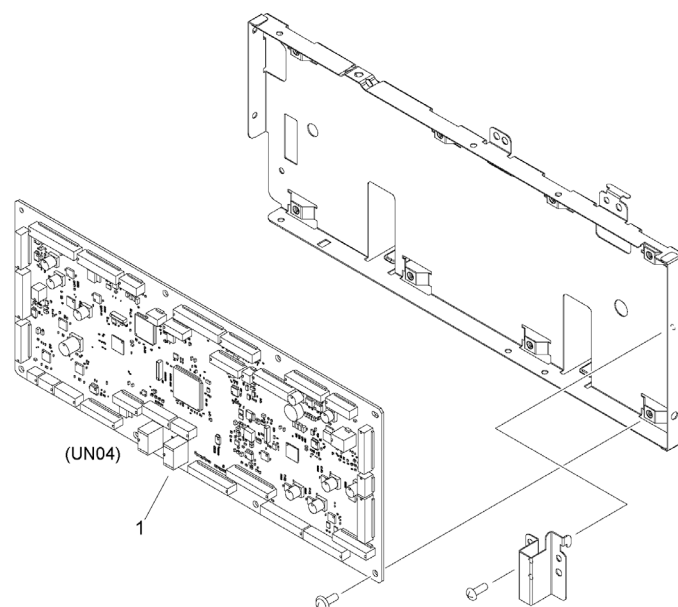


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
931B	NPN		RF	DC CONTROLLER PCB ASSEMBLY	iR-ADV 4925 Series
1	FM3-F998-000		1	DC CONTROLLER PCB ASSEMBLY	UN04

Figure 980 PRIMARY TRANSFER H. V. PCB ASS'Y

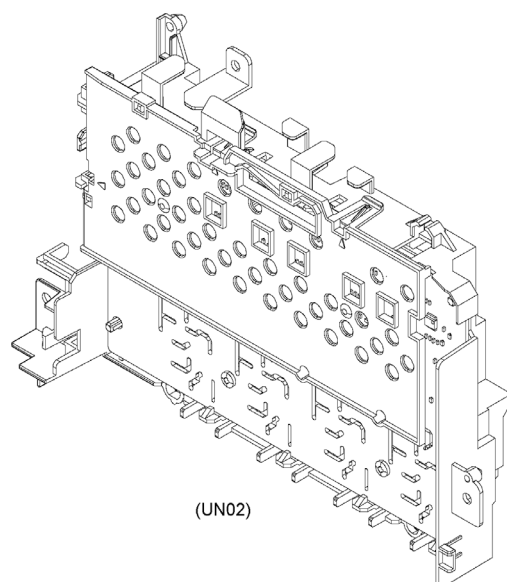


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
980	FM2-C259-010		1	PRIMARY TRANSFER H.V.PCB ASSY	UN02

Figure 981 2ND TRNSFR. H. V. PCB ASSEMBLY

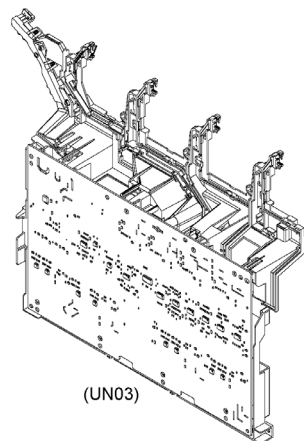


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
981	FM2-C256-010		1	2ND TRNSFR. H.V. PCB ASSEMBLY	UN03

Figure D11E READER ASSEMBLY

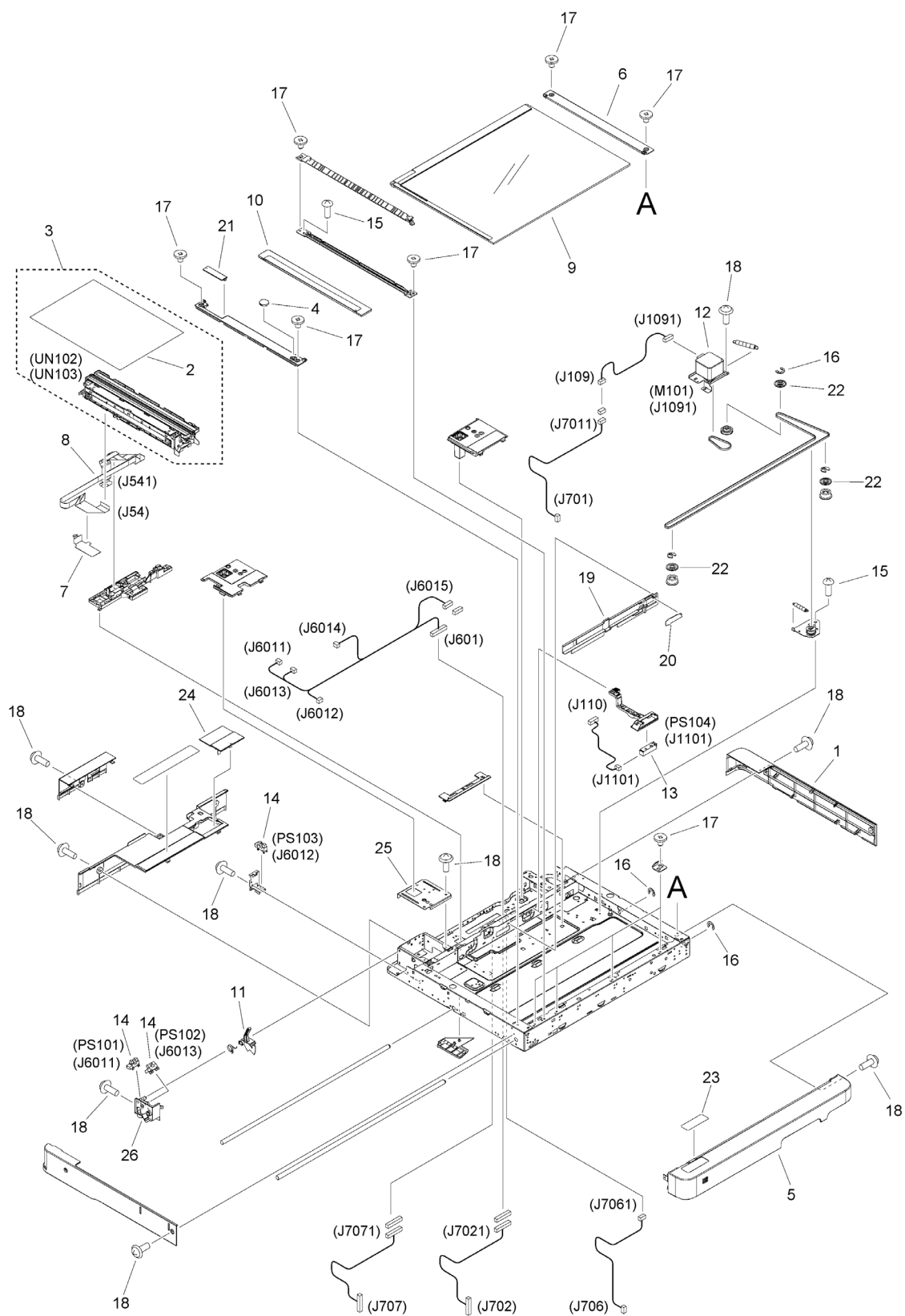


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
D11E	NPN		RF	READER ASSEMBLY	
1	FE2-B517-000		1	COVER, READER, RIGHT	
2	FM1-T790-000		1	CHART, 2-SIDED DIFFER. ADJUST	
3	FM2-A692-020		1	SCANNER UNIT	UN102, UN103
4	FE3-9178-000		1	CAP	
5	FE2-A105-000		1	COVER, READER, FRONT	
6	FE8-5747-000		1	COVER, GLASS RETAINING	
7	FE8-9943-000		1	SHEET, FFC CLAMP	
8	FK4-3318-000		1	CABLE, FLAT	J54, J541
9	FL1-5546-000		1	GLASS, COPYBOARD	
10	FL1-5163-000		1	GLASS, READER	
11	FE8-5215-000		1	FLAG, OPEN/CLOSE SENSOR	
12	FM1-T727-000		1	MOTOR ASS'Y	M101, J1091
13	FK4-4384-000		1	SENSOR, PHOTO DOCUMENT SIZE	PS104, J1101
14	WG8-5935-000		3	PHOTOINTERRUPTER, RPI-2500	PS101, PS102, PS103, J6011, J6012, J6013
15	XA9-1116-030		2	SCREW, M3X5	
16	XD9-0395-000		3	RETAINING RING (E-TYPE)	
17	XA9-2017-000		10	SCREW, PANHEAD MACHINE M4X6	
18	XA9-2050-000		10	SCREW, SELF-TAPPING, M3	
19	FL1-7917-000		1	GUIDE, FFC	
20	FE2-B506-000		1	PLATE, FFC HOLDER	
21	FE2-A111-000		1	COVER, READER, LEFT UPPER	
22	FE8-5626-000		3	PULLEY	
23	FE2-D030-000		1	LABEL, GLASS CLEANING	
24	FL4-0758-000		1	COVER, MAINTENANCE, UPPER	
25	FE2-A118-000		1	STAY, HINGE, LEFT	
26	FE2-A131-000		1	MOUNT, OPEN/CLOSE SENSOR	

Figure H30 CASSETTE ASSEMBLY (SMALL)

NOTE : Several kinds of labels are attached on the board for the parts of Key No. 7.

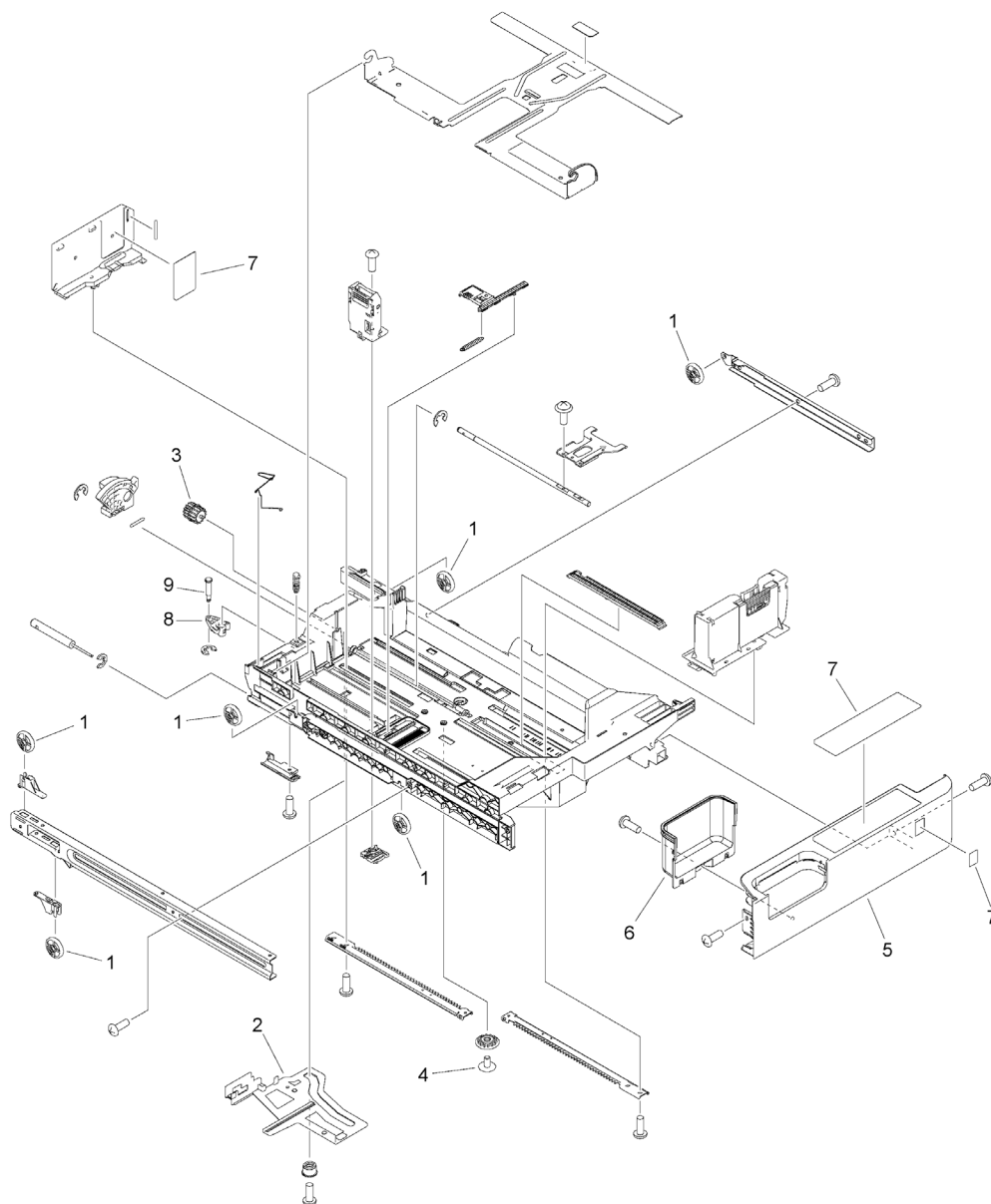


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
H30	FM1-Y463-000		1	CASSETTE ASSEMBLY	SMALL
1	FE2-B537-000		6	ROLLER, CASSETTE	
2	FE3-1613-010		1	LINK, SIZE DETECT	
3	RC1-9396-000		1	GEAR, 14T	
4	FE8-0315-000		1	SCREW, B, M4X8	
5	FE2-G595-000		1	COVER, CASSETTE FRONT	
6	FE2-G623-000		1	HANDLE, CST. FRONT COVER	
7	FE2-E044-000		1	LABEL, CASSETTE	SEE NOTE
8	FE4-1502-000		1	ARM, GUIDE	
9	FE4-1836-000		1	PIN, GUIDE	

Figure H31 CASSETTE ASSEMBLY (LARGE)

Several kinds of labels are attached on the board for this parts.

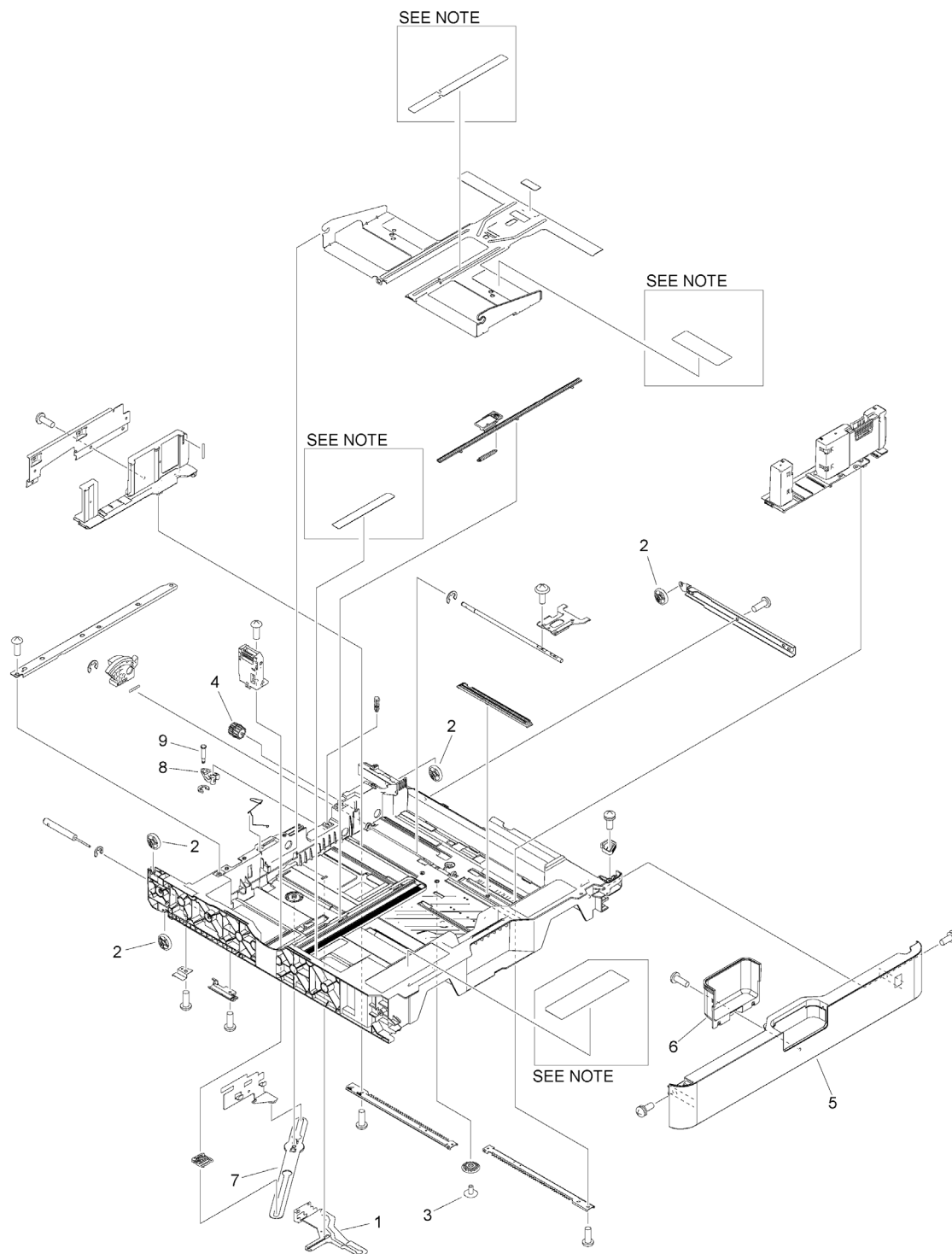


FIGURE & KEY NO.	PART NUMBER	R A N K	QTY	DESCRIPTION	SERIAL NUMBER /REMARKS
H31	FM1-Y470-000		1	CASSETTE ASSEMBLY	LARGE
1	FE3-1525-020		1	LINK, SIZE DETECT	
2	FE2-B537-000		4	ROLLER, CASSETTE	
3	FE8-0315-000		1	SCREW, B, M4X8	
4	RC1-9396-000		1	GEAR, 14T	
5	FE2-G625-000		1	COVER, CASSETTE FRONT	
6	FE2-G623-000		1	HANDLE, CST. FRONT COVER	
7	FE3-1526-000		1	ARM, BACK END DETECT	
8	FE4-1502-000		1	ARM, GUIDE	
9	FE4-1836-000		1	PIN, GUIDE	

Figure ZZA MECHANICAL STANDARD PARTS (HOW TO USE)

Mechanical standard parts

機械標準部品

About a mechanical standard parts

A Mechanical standard parts is a mechanical part which not parts peculiar to a product.
They are parts which are common to a Canon product and are used, such as a screw and a washer.
The Fig No. and parts number of the mechanical standard parts are not listed in the product parts catalog.
Refer to the parts catalog of mechanical standard parts when checking the parts number for screw or washer etc. and identify them by part shape or size.

機械標準部品とは

機械標準部品とは、製品特有の部品ではなく、ねじやワッシャなどキヤノン製品共通で使用されている機械部品（メカ部品）のことです。
製品のパーツカタログには、機械標準部品のFig No.や部品番号は記載しておりません。
ねじや、ワッシャ等の部品番号を調べるときは、機械標準部品のパーツカタログを参照し、部品の形状や大きさから判断し、使用している部品を調べてください。

Material and surface treatment of a mechanical standard parts

Material and surface treatment of mechanical standard parts are assigned commonly for each part.
Refer to the Table 1 for the parts which material and surface treatment are assigned as numbers.

機械標準部品の材料および表面処理

機械標準部品の材料および表面処理については、各種部品共通で決められています。
材料および表面処理が番号で決められている部品については、表1を参照してください。

Table 1 Material and Surface treatment

表1 材料および表面処理

No. 番号	Material 材料	Surface treatment 表面処理	Color 色
1	Stainless steel ステンレス	Stainless steel black coloring (BC4) ステンレス黒着色(BC4)	Black 黒
2		not to be given なし	White 白
3	Brass 黄銅	Regular nickel plating (NL) 普通ニッケルメッキ(NL)	White 白
4		Black nickel plating (BN) 黒色ニッケルメッキ(BN)	Black 黒
5	Steel 鋼	White zinc trivalent chromate treating (ZC3) 白色亜鉛3価クロメート(ZC3)	White 白
6		Regular nickel chromium plating (NC) 普通ニッケルクロムメッキ(NC)	White 白
7		Regular nickel plating (NL) 普通ニッケルメッキ(NL)	White 白
8		Iron and steel phosphating (P1) 鉄鋼磷酸塩処理(P1)	Black 黒
9		Black zinc trivalent chromate treating (BZ3) 黒色亜鉛3価クロメート(BZ3)	Black 黒

Figure ZZB (1/7)MECHANICAL STANDARD PARTS (SCREWS)

1. Screws
ねじ

How to read Parts Numbers
部品番号の見方

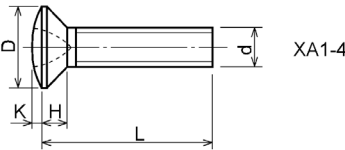
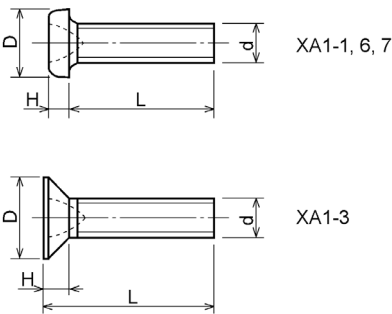
Screws
ねじ

XB1-2400-609

Type No.
類別番号
Normal designation (d)
ねじの呼び (d)
Length (L)
ねじの長さ (L)
Material and Surface treatment
材料および表面処理

XB1-2 expresses Binding head machine screw.
XB1-2は、バインドねじを表す
40 expresses M4.0.
40は、M4.0を表す
0-60 expresses a length of 6.0mm.
0-60は、6.0mmの長さを表す
9 expresses Steel (Black zinc trivalent chromate
treating) from Table 1.
9は、表1より鋼（黒色亜鉛3価クロメート）を表す

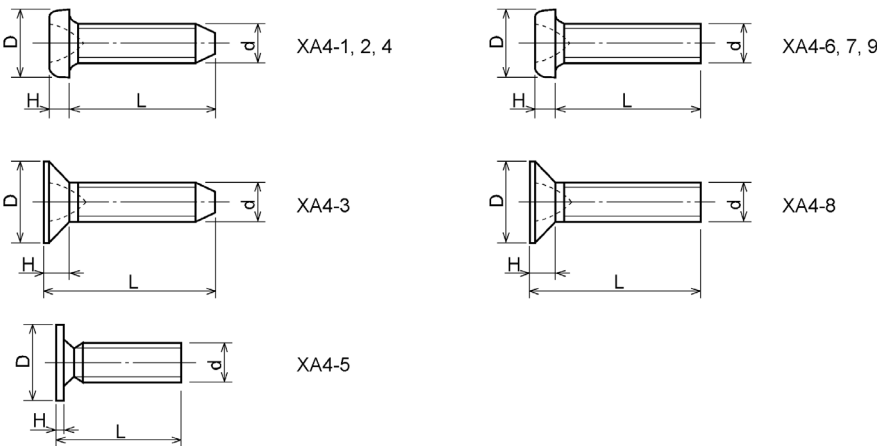
1-1. Cross Recessed Head Screws for Precision Equipments
精密機器用十字穴付き小ねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)					
		M1.4	M1.6	M1.7	M2	M2.5	M2.6
XA1-1	Pan head Class 1 なべ1種	D 2	2.4	2.5	3	3.8	4
		H 0.5	0.55	0.5	0.6	0.9	0.8
XA1-3	Countersunk head Class 1 さら1種	D 2	2.4	2.5	3	3.8	4
		H 0.48	0.55	0.58	0.73	0.85	0.93
XA1-4	Oval countersunk head Class 1 丸さら1種	D 2	2.4	2.5	3	3.8	4
		H + K 0.68	0.8	0.88	1	1.25	1.3
XA1-6	Pan head Class 3 なべ3種	D 2.5	2.8	3	3.5	4.3	4.5
		H 0.8	0.85	0.9	1	1.3	1.2
XA1-7	Pan head Class 2 なべ2種	D 2.5	2.8	3	3.5	4.3	4.5
		H 0.5	0.55	0.5	0.6	0.9	0.8

Figure ZZB (2/7)MECHANICAL STANDARD PARTS (SCREWS)

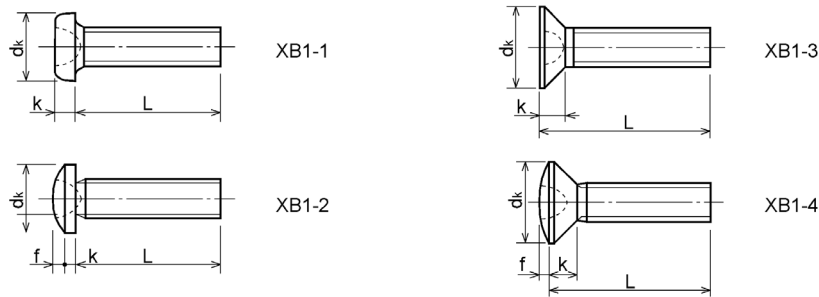
1-2. Precision Tapping Screws
精密用タッピンねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M1.4	M1.6	M1.7	M2	M2.5	M2.6	
XA4-1	With tapered end pan head Class 1 絞り-なべ1種	D XA4-1	2	2.4	2.5	3	3.8	4
		H XA4-1	0.5	0.55	0.5	0.6	0.9	0.8
XA4-2	With tapered end pan head Class 3 絞り-なべ3種	D XA4-2	2.5	2.8	3	3.5	4.3	4.5
		H XA4-2	0.8	0.85	0.9	1	1.3	1.2
XA4-3	With tapered end countersunk head 絞り-さら	D XA4-3	2	2.4	2.5	3	3.8	4
		H XA4-3	0.48	0.55	0.58	0.73	0.85	0.93
XA4-4	With tapered end pan head Class 2 絞り-なべ2種	D XA4-4	2.5	2.8	3	3.5	4.3	4.5
		H XA4-4	0.5	0.55	0.5	0.6	0.9	0.8
XA4-5	With parallel end ultra thin head ストレート-超薄頭	D XA4-5	2.5	2.8	3	-	-	-
		H XA4-5	0.2	0.2	0.2	-	-	-
XA4-6	With parallel end pan head Class 1 ストレート-なべ1種	D XA4-6	2	2.4	2.5	3	3.8	4
		H XA4-6	0.5	0.55	0.5	0.6	0.9	0.8
XA4-7	With parallel end pan head Class 3 ストレート-なべ3種	D XA4-7	2.5	2.8	3	3.5	4.3	4.5
		H XA4-7	0.8	0.85	0.9	1	1.3	1.2
XA4-8	With parallel end countersunk head ストレート-さら	D XA4-8	2	2.4	2.5	3	3.8	4
		H XA4-8	0.48	0.55	0.58	0.73	0.85	0.93
XA4-9	With parallel end pan head Class 2 ストレート-なべ2種	D XA4-9	2.5	2.8	3	3.5	4.3	4.5
		H XA4-9	0.5	0.55	0.5	0.6	0.9	0.8

Figure ZZB (3/7)MECHANICAL STANDARD PARTS (SCREWS)

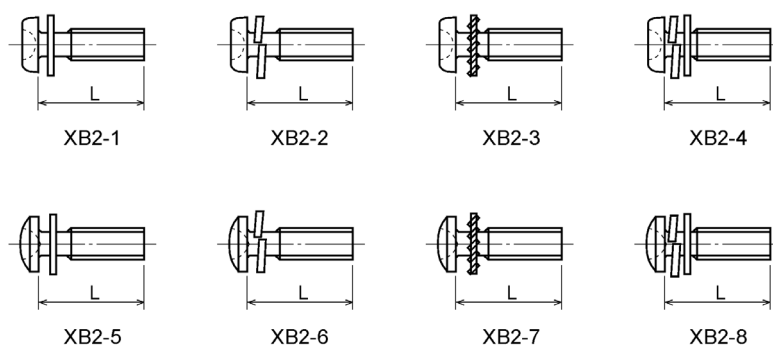
1-3. Cross Recessed Head Screws
一般用十字穴付き小ねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M2	M2.5	M2.6	M3	M4	M5	
XB1-1	Pan head なべ	d_k XB1-1	3.5	4.5	4.5	5.5	7	9
		k XB1-1	1.3	1.7	1.7	2	2.6	3.3
XB1-2	Binding head バインド	d_k XB1-2	4.3	5.3	5.5	6.3	8.3	10.3
		$k+f$ XB1-2	1.2	1.5	1.6	1.9	2.5	3.1
XB1-3	Countersunk head さら	d_k XB1-3	4	5	-	6	8	10
		k XB1-3	1.2	1.45	-	1.75	2.3	2.8
XB1-4	Oval countersunk head 丸さら	d_k XB1-4	4	5	-	6	8	10
		$k+f$ XB1-4	1.6	2	-	2.45	3.2	4
Screw part length ねじ部長さ b			8	12	12	12	16	20

Figure ZZB (4/7) MECHANICAL STANDARD PARTS (SCREWS)

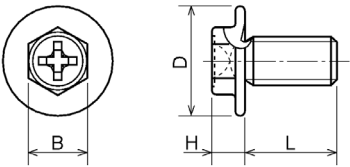
1-4. Cross Recessed Head Screws with Captive Washer 座金組込み十字穴付き小ねじ



Type No. 類別番号	Type 類別
XB2-1	Pan head + Plain washer (circular bright) なべねじ+平座金
XB2-2	Pan head + Spring washer なべねじ+ばね座金
XB2-3	Pan head + Toothed lock washer なべねじ+歯付座金
XB2-4	Pan head + Spring washer and plain washer (circular bright) なべねじ+(ばね+平)座金
XB2-5	Binding head + Plain washer (circular bright) バインドねじ+平座金
XB2-6	Binding head + Spring washer バインドねじ+ばね座金
XB2-7	Binding head + Toothed lock washer バインドねじ+歯付座金
XB2-8	Binding head + Spring washer and plain washer (circular bright) バインドねじ+(ばね+平)座金

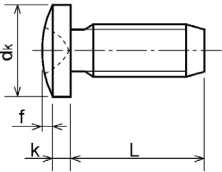
Figure ZZB (5/7) MECHANICAL STANDARD PARTS (SCREWS)

1-5. Hexagon Head Tapping Screws for Metallic Materials
金属用六角タッピンねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)	
		M3	M4
XB3-6	For metallic materials 金属用タッピン	D	8
		B	5.5
XB3-7	For metallic materials with clawed 金属用タッピン-つめ付き	H XB3-6	3.1
		H XB3-7	3.2

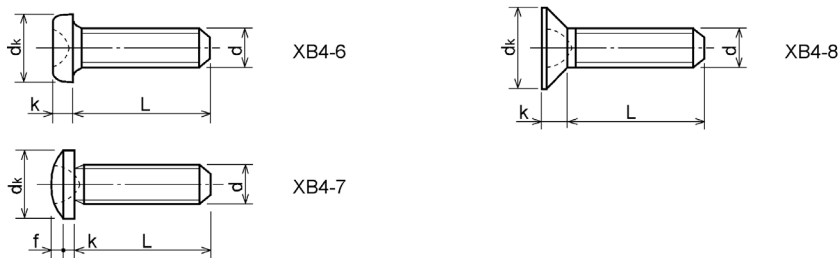
1-6. Special Tapping Screws
特殊タッピンねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)	
		M3	M4
XB4-5	Binding head バインド	dk	6.3
		k	1.3
		k+f	1.9

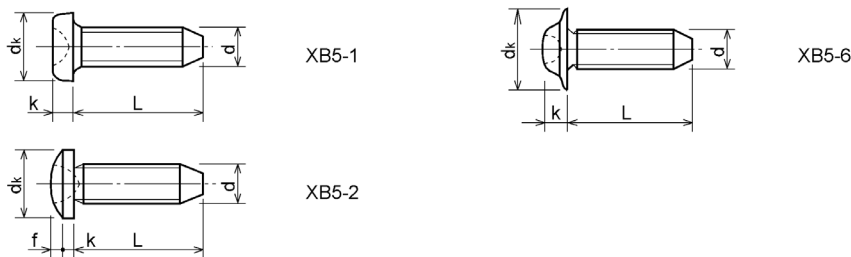
Figure ZZB (6/7) MECHANICAL STANDARD PARTS (SCREWS)

1-7. General Head Tapping Screws
一般用タッピンねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M2	M2.5	M2.6	M3	M4	M5	
XB4-6	Pan head なべ	d _k XB4-6	3.5	4.5	4.5	5.5	7	9
		k XB4-6	1.3	1.7	1.7	2	2.6	3.3
XB4-7	Binding head バインド	d _k XB4-7	4.3	5.3	5.5	6.3	8.3	10.3
		k+f XB4-7	1.2	1.5	1.6	1.9	2.5	3.1
XB4-8	Countersunk head さら	d _k XB4-8	4	5	5.2	6	8	10
		k XB4-8	1.2	1.45	1.5	1.75	2.3	2.8

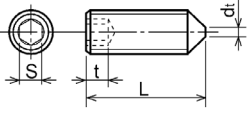
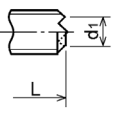
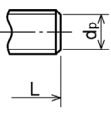
1-8. Tapping Screws for Metallic Materials
金属用タッピンねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)					
		M2.5	M2.6	M3	M4	M5	
XB5-1	Pan head なべ	d _k XB5-1	4.5	4.5	5.5	7	9
		k XB5-1	1.7	1.7	2	2.6	3.3
XB5-2	Binding head バインド	d _k XB5-2	5.5	5.5	6.3	8.3	10.3
		k+f XB5-2	1.6	1.6	1.9	2.5	3.1
XB5-6	Flanged pan head つば付きなべ	d _k XB5-6	6.5	6.5	8	10	12
		k XB5-6	2.1	2.1	1.75	3.2	4

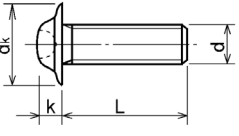
Figure ZZB (7/7)MECHANICAL STANDARD PARTS (SCREWS)

1-9. Hexagon Socket Set Screws
六角穴付き止めねじ

					
XB6-1		XB6-2		XB6-3	

Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M1.6 M1.7	M2	M2.5 M2.6	M3	M5	M5	M6
S		0.7	0.9	1.3	1.5	2	2.5	3
t		1.5	1.7	2	2	2.5	3	3.5
dt max XB6-1		0.4	0.5	0.65	0.75	1	1.25	1.5
d1 max XB6-2		-	1.2	1.5	1.7	2.2	2.8	3.3
d1 min XB6-2		-	1	1.2	1.4	1.9	2.4	2.9
dp max XB6-3		0.8	1	1.5	2	2.5	3.5	4
dp min XB6-3		0.55	0.75	1.25	1.75	2.25	3.2	3.7

1-10. Flanged Pan Head Machine Screws
つば付きなべ小ねじ

	
Type No. 類別番号	Type 類別
XB6-7	Flanged pan head つば付きなべ

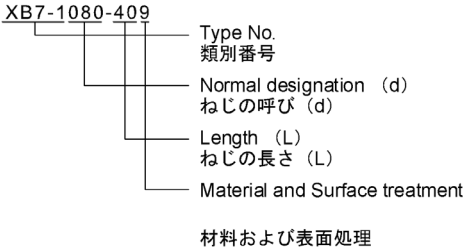
	Head size (mm) 頭部寸法 (mm)				
	M2	M2.5 M2.6	M3	M5	M5
dk	5	6.5	8	10	12
k	1.7	2.1	2.5	3.2	4

Figure ZZC MECHANICAL STANDARD PARTS (BOLTS)

2. Bolts (Socket head cap screw)
ボルト

How to read Parts Numbers
部品番号の見方

Bolt (Socket head cap screw)
ボルト



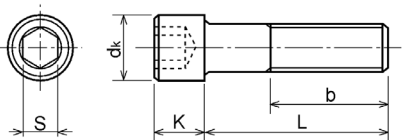
XB7-1 expresses Hexagon socket head cap screws.
XB7-1は、六角穴付きボルトを表す

080 expresses M8.0.
080は、M8.0を表す

40 expresses a length of 40mm.
40は、40mmの長さを表す

9 expresses Steel (Black zinc trivalent chromate treating) from Table 1.
9は、表1より鋼（黒色亜鉛3価クロメート）を表す

2-1. Hexagon socket head cap screws
六角穴付きボルト



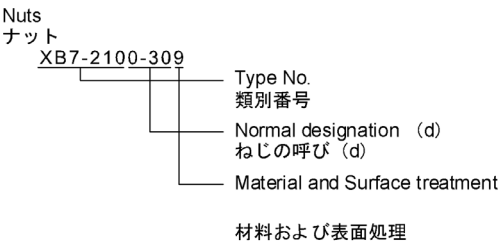
Type No. 類別番号	Type 類別
XB7-1	Hexagon socket head cap screws 六角穴付きボルト

	Head size (mm) 頭部寸法 (mm)						
	M3	M4	M5	M6	M8	M10	M12
S	2.5	3	4	5	6	8	10
dk	5.5	7	8.5	10	13	16	18
K	3	4	5	6	8	10	12
Screw part length ねじ部長さ b_{max}	18	20	22	24	28	32	36

Figure ZZD MECHANICAL STANDARD PARTS (NUTS)

3. Nuts
ナット

How to read Parts Numbers
部品番号の見方

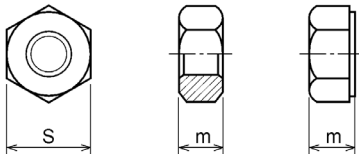


XB7-210 expresses Hexagon nut class 1.
XB7-210は、六角ナット1種を表す

0-30 expresses M3.0.
0-30は、M3.0を表す

9 expresses Steel (Black zinc trivalent chromate treating) from Table 1.
9は、表1より鋼（黒色亜鉛3価クロメート）を表す

3-1. Hexagon Nuts and Hexagon Thin Nuts
六角ナット

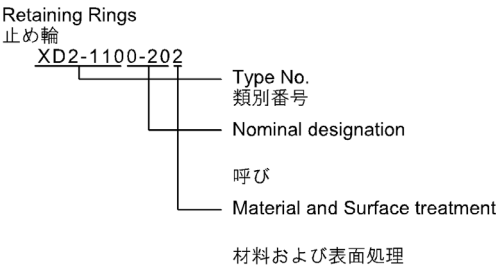


Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M2	M2.5	M3	M4	M5	M6	M8
S		4	5	5.5	7	8	10	13
m XB7-210	Hexagon nut Class 1 六角ナット-1種	1.6	2	2.4	3.2	4	5	6.5
m XB7-220	Hexagon nut Class 3 六角ナット-3種	1.2	1.6	1.8	2.4	3.2	3.6	5
m XB7-230, 231	Hexagon nut Style 1 double chamfered 六角ナット-スタイル1-両面とり	1.6	2	2.4	3.2	4.7	5.2	6.8
m XB7-240, 241	Hexagon nut Style 2 double chamfered 六角ナット-スタイル2-両面とり	-	-	-	-	5.1	5.7	7.5
m XB7-250	Hexagon nut 六角ナット	-	-	-	-	5.6	6.1	7.9
m XB7-260	Hexagon thin nut double chamfered 六角低ナット-両面とり	1.2	1.6	1.8	2.2	2.7	3.2	4
m XB7-270	Hexagon thin nut not chamfered 六角低ナット-面とり無し	1.2	1.6	1.8	2.2	2.7	3.2	4

Figure ZZE (1/3)MECHANICAL STANDARD PARTS (RETAINING RINGS)

5. Retaining Rings
止め輪

How to read Parts Numbers
部品番号の見方

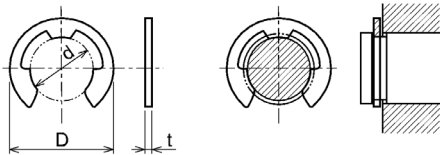


XD2-110 expresses retaining ring-E type (Type1).
XD2-110は、E形止め輪（1種）を表す

0-20 expresses a 020 of nominal designation.
(See Table 5)
0-20は、呼び020を表す（表5参照）

2 expresses Stainless steel (Surface treatment is not to be given) from Table 1.
2は、表1よりステンレス（表面処理なし）を表す

5-1. Retaining Rings - E type
E形止め輪



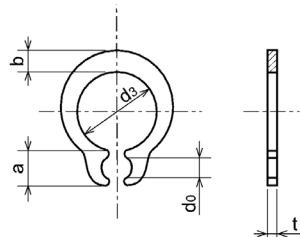
Type No. 類別番号	Type 類別
XD2-110	Retaining ring - E type (Type 1) E形止め輪（1種）
XD2-120	Retaining ring - E type (Type 2) E形止め輪（2種）

Table 5 表5

Type 種類	Nominal designation 呼び	d (mm)	D (mm)	t (mm)
Type 1 1種	007	0.65	2	0.2
	010	0.95	2.8	0.2
	013	1.25	3.3	0.3
	017	1.65	4.2	0.4
	020	1.95	4.6	0.5
	024	2.35	6	0.6
	028	2.74	6.5	0.6
	032	3.14	7.2	0.6
	037	3.64	8	0.7
	040	3.93	10	0.7
	042	4.13	10	0.7
	050	4.93	11	0.7
	058	5.73	12	0.7
	060	5.93	12.7	0.9
Type 2 2種	064	6.32	13.5	0.9
	074	7.31	15	0.9
	080	7.91	16.5	1
	008	0.8	2	0.2
	012	1.2	3	0.3
	015	1.5	4	0.4
	020	2	5	0.4
	025	2.5	6	0.4
	030	3	7	0.6
	040	4	9	0.6
	050	5	11	0.6
	060	6	12	0.8
	070	7	14	0.8
	080	8	16	0.8
	090	9	18	0.8
	100	10	20	1

Figure ZZE (2/3)MECHANICAL STANDARD PARTS (RETAINING RINGS)

5-2. Grip Rings
グリップ止め輪

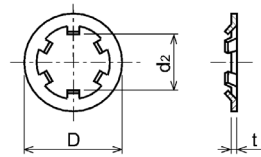


Type No. 類別番号	Type 類別
XD2-210	Grip ring グリップ止め輪

Table 5 表5

Nominal designation 呼び	d_3 (mm)	t (mm)	b (mm)	a (mm)	d_0 (mm)
020	1.9	0.5	1	1.8	0.8
025	2.35	0.5	1.2	1.9	0.9
030	2.85	0.6	1.4	1.9	0.9
035	3.3	0.6	1.6	2	0.9
040	3.8	0.8	1.8	2.8	1.2
045	4.25	0.8	2	2.9	1.3
050	4.75	0.8	2.2	2.9	1.3
060	5.7	1	2.4	3.1	1.4
070	6.7	1	2.7	3.3	1.4
080	7.7	1	3	3.5	1.4
090	8.65	1.2	3.3	4.7	1.5
100	9.65	1.2	3.5	4.7	2

5-3. Toothed Retaining Rings
歯付き形止め輪



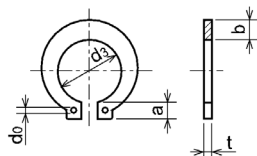
Type No. 類別番号	Type 類別
XD2-230	Toothed retaining ring 歯付き形止め輪

Table 5 表5

Nominal designation 呼び	d_2 (mm)	D (mm)	t (mm)	No of teeth 歯数
015	1.4	5.2	0.25	3
020	1.9	6	0.25	3
024	2.3	6.4	0.25	3
030	2.8	8	0.25	4
040	3.8	9	0.25	4
050	4.8	10	0.25	5
060	5.8	11	0.25	5
080	7.8	13	0.25	5
100	9.8	15.4	0.25	6

Figure ZZE (3/3)MECHANICAL STANDARD PARTS (RETAINING RINGS)

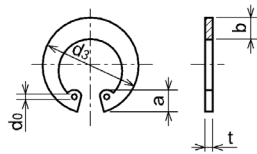
5-4. Retaining Rings - C Type
C形止め輪



Type No. 類別番号	Type 類別
XD2-310	Retaining ring - C type for shaft C形止め輪 軸用

Table 5 表5

Nominal designation 呼び	d ₃ (mm)	t (mm)	b (mm)	a (mm)	d ₀ (mm)
010	9.3	1	1.6	3	1.2
012	11.1	1	1.8	3.2	1.5
014	12.9	1	2	3.4	1.7
015	13.8	1	2.1	3.5	1.7
016	14.7	1	2.2	3.6	1.7
017	15.7	1	2.2	3.7	1.7
018	16.5	1.2	2.6	3.8	1.7
020	18.5	1.2	2.7	3.9	2
022	20.5	1.2	2.7	4.1	2
025	23.2	1.2	3.1	4.3	2
028	25.9	1.5	3.1	4.6	2
030	27.9	1.5	3.5	4.8	2
032	29.6	1.5	3.5	5	2.5
035	32.2	1.5	4	5.4	2.5



Type No. 類別番号	Type 類別
XD2-320	Retaining ring - C type for hole C形止め輪 穴用

Table 5 表5

Nominal designation 呼び	d ₃ (mm)	t (mm)	b (mm)	a (mm)	d ₀ (mm)
010	10.7	1	1.8	3.1	1.2
011	11.8	1	1.8	3.2	1.2
012	13	1	1.8	3.3	1.5
014	15.1	1	2	3.6	1.7
016	17.3	1	2	3.7	1.7
018	19.5	1	2.5	4	1.7
019	20.5	1	2.5	4	2
020	21.5	1	2.5	4	2
022	23.5	1	2.5	4.1	2
025	26.9	1.2	3	4.4	2
028	30.1	1.2	3	4.6	2
030	32.1	1.2	3	4.7	2
032	34.4	1.2	3.5	5.2	2.5
035	37.8	1.5	3.5	5.2	2.5
037	39.8	1.5	3.5	5.2	2.5
040	43.5	1.8	4	5.7	2.5
042	45.5	1.8	4	5.8	2.5
045	48.5	1.8	4.5	5.9	2.5
047	50.5	1.8	4.5	6.1	2.5
050	54.2	2	4.5	6.5	2.5
052	56.2	2	5.1	6.5	2.5
055	59.2	2	5.1	6.5	2.5
060	64.2	2	5.1	6.8	2.5
062	66.2	2	5.5	6.9	2.5
068	72.5	2.5	6	7.4	2.5
072	76.5	2.5	6.6	7.4	2.5
075	79.5	2.5	6.6	7.8	2.5
080	85.5	2.5	7	8	2.5
085	90.5	3	7	8	3
090	95.5	3	7.6	8.3	3
095	100.5	3	8	8.5	3