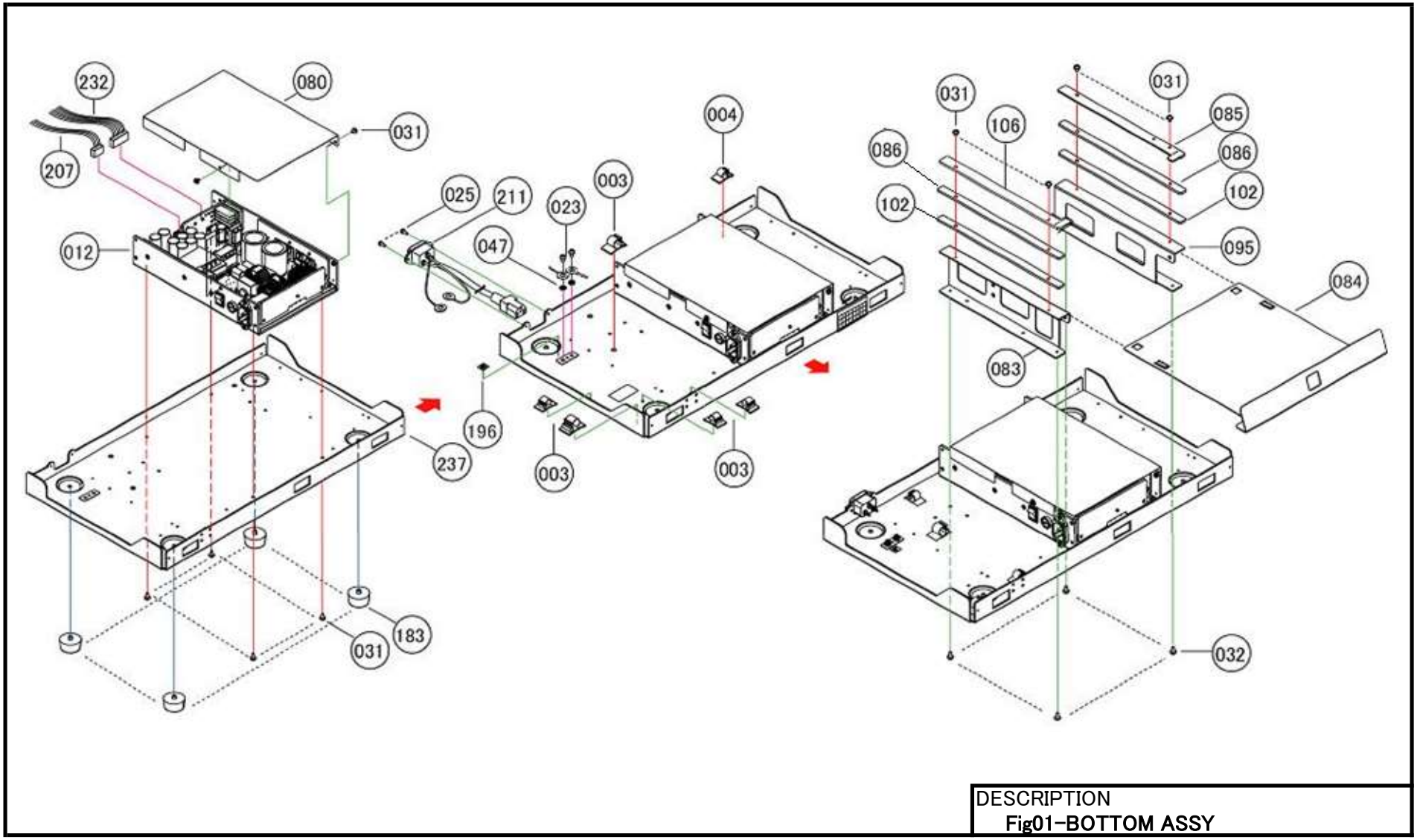
SG112-ex	dpi	Attachiment
	203dpi	TEAR OFF CUTTER
	305dpi	CUTTER
	-	-

SG112 ex

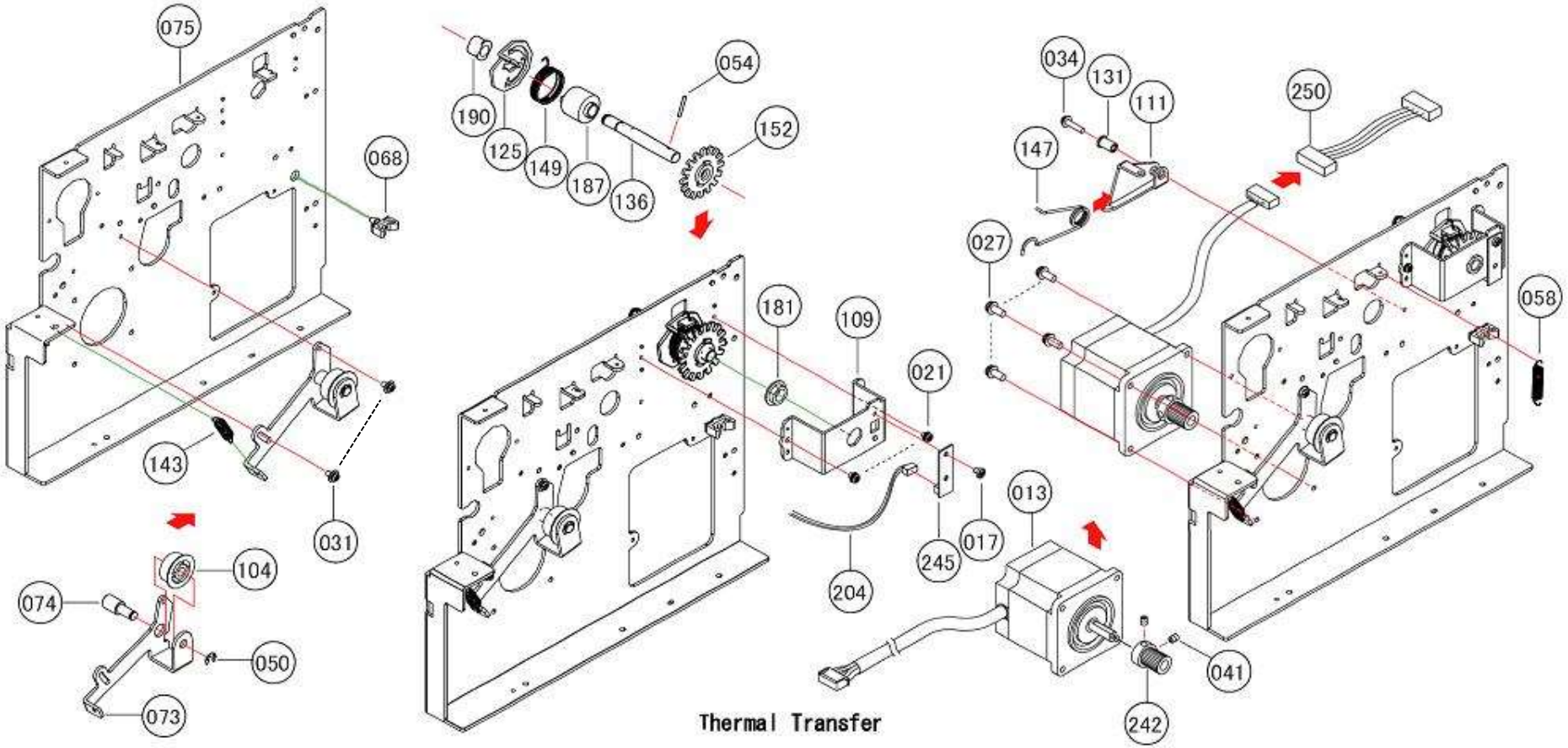
Rev		RV-NO.	YY.MM.DD	DSN	CHK

APPROVAL	CHECK	DESIGN

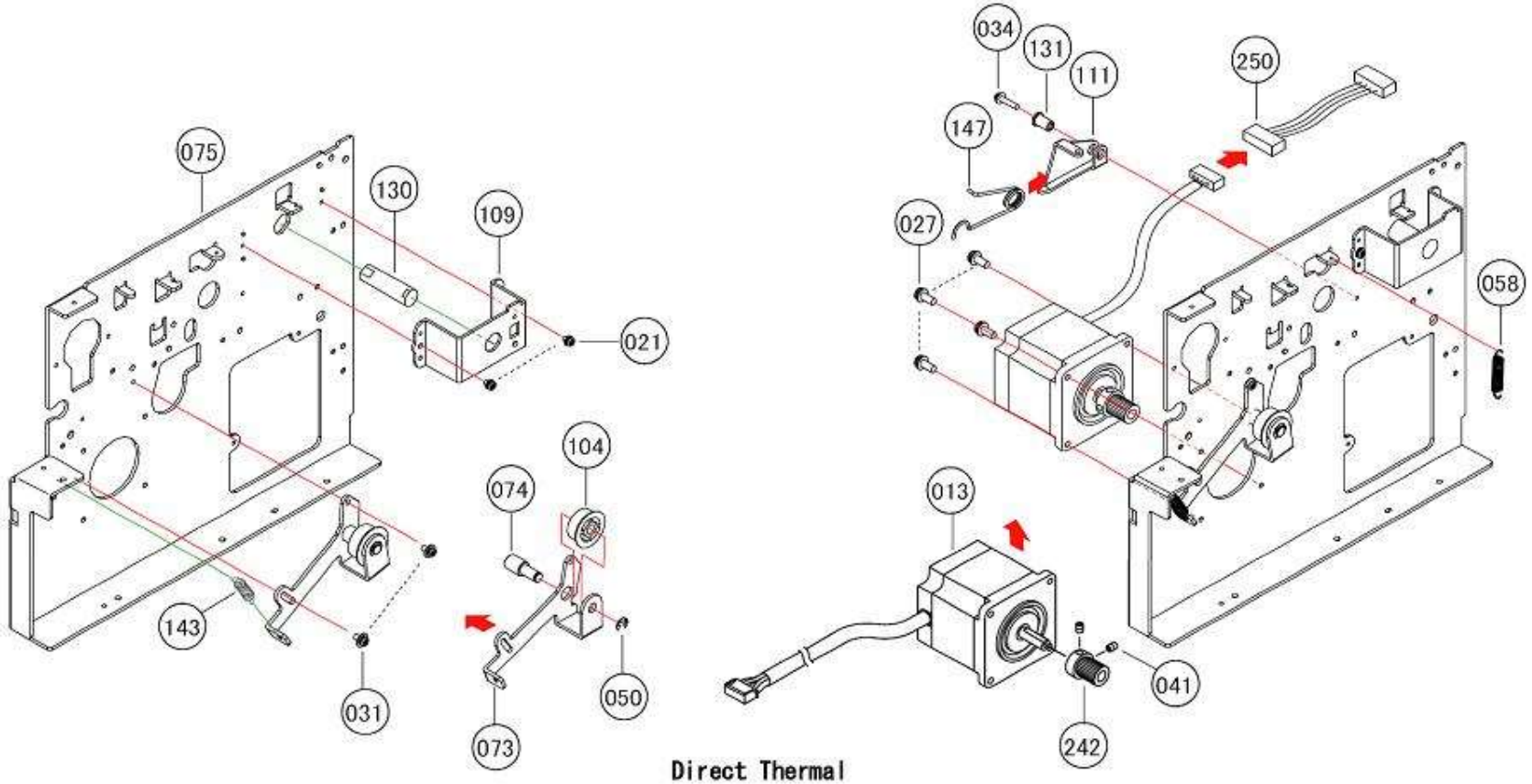
SATO CORPORATION. TOKYO. JAPAN.



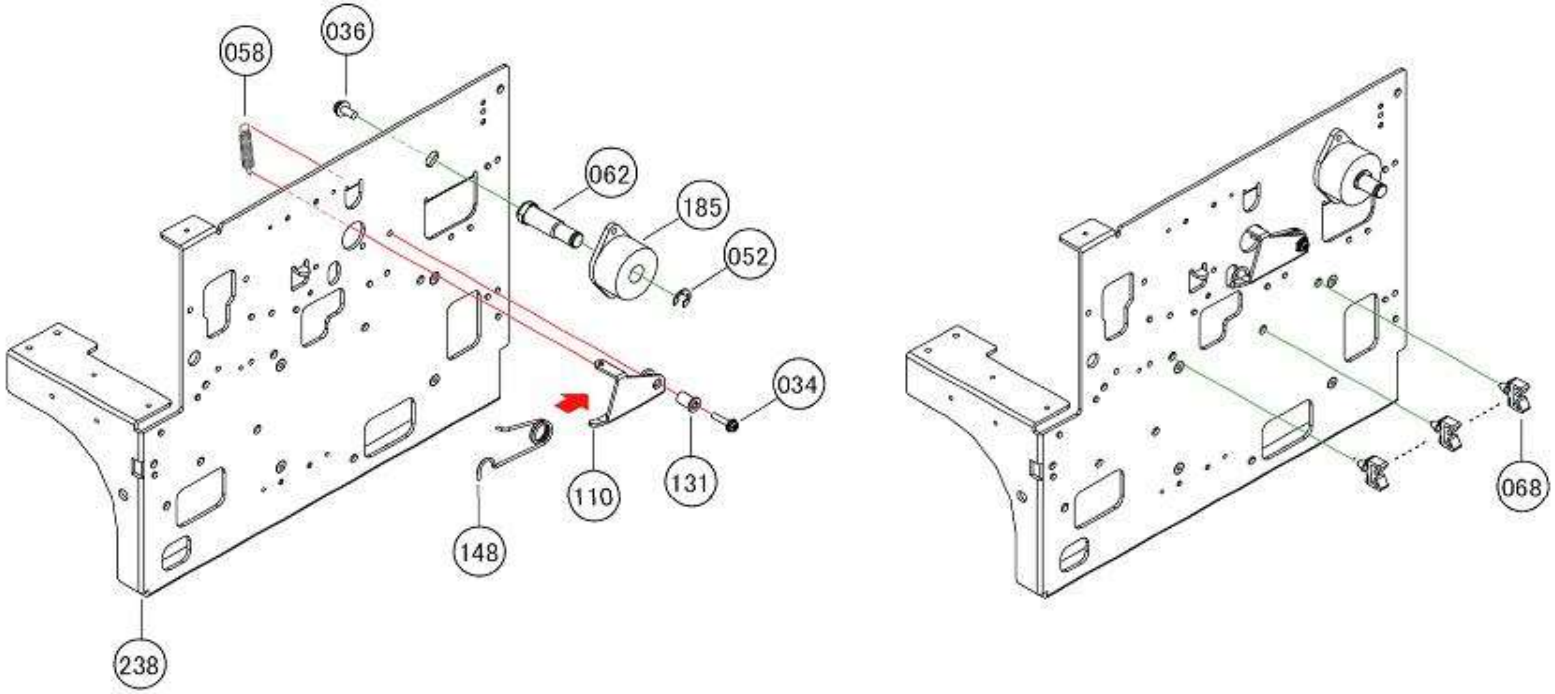
DESCRIPTION
Fig01-BOTTOM ASSY



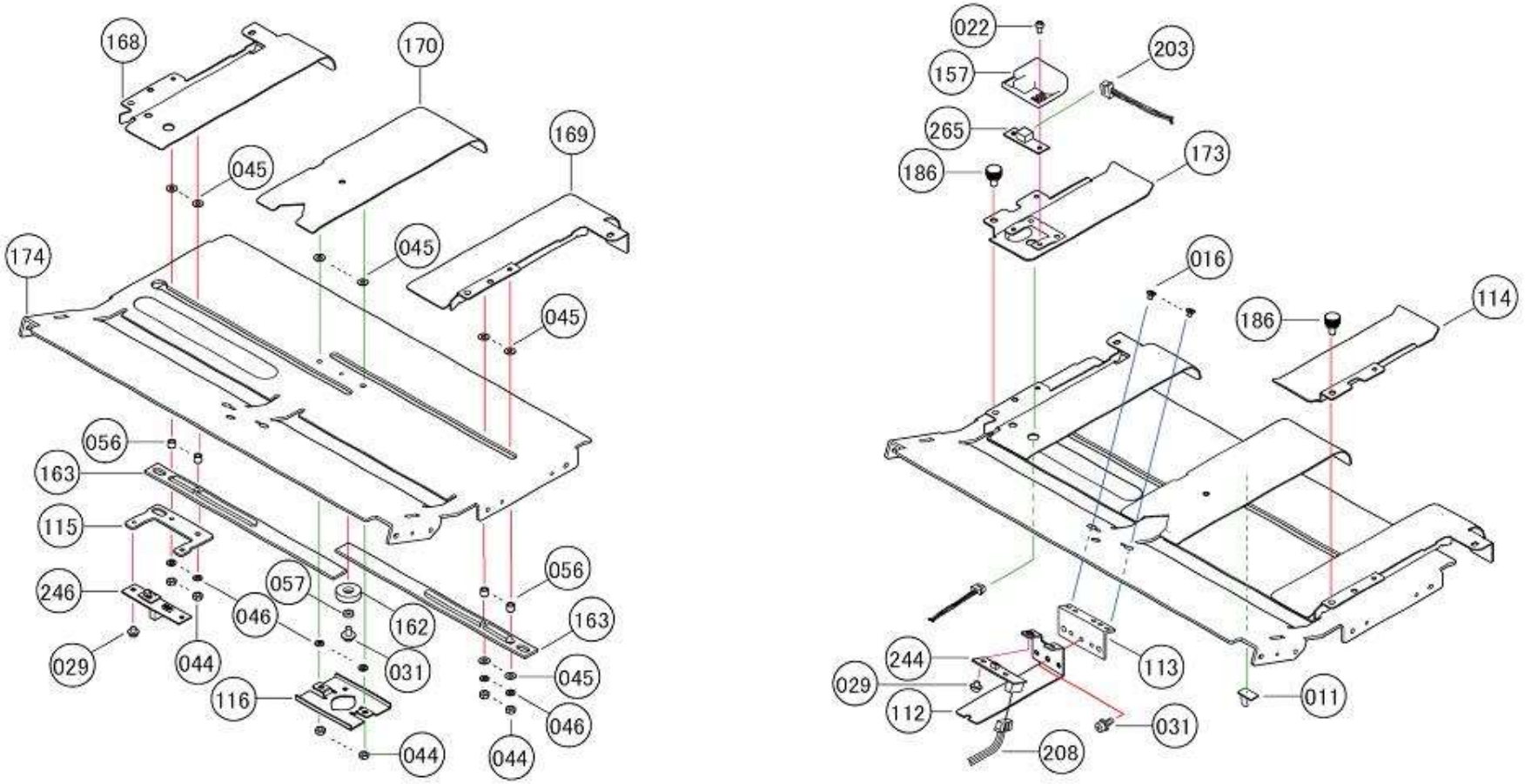
DESCRIPTION
Fig02-SIDE FLAME ASSY



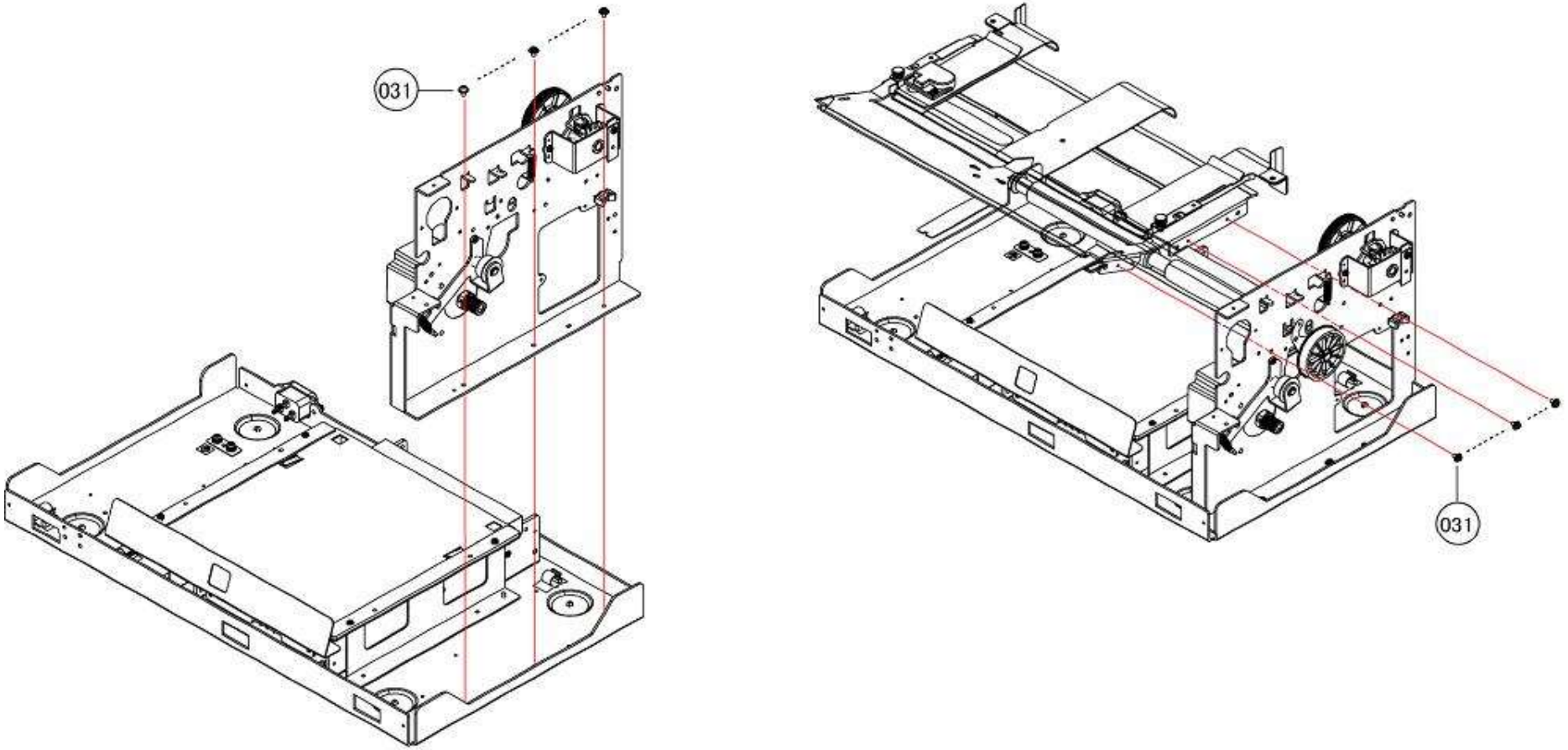
DESCRIPTION
Fig03-SIDE FLAME ASSY



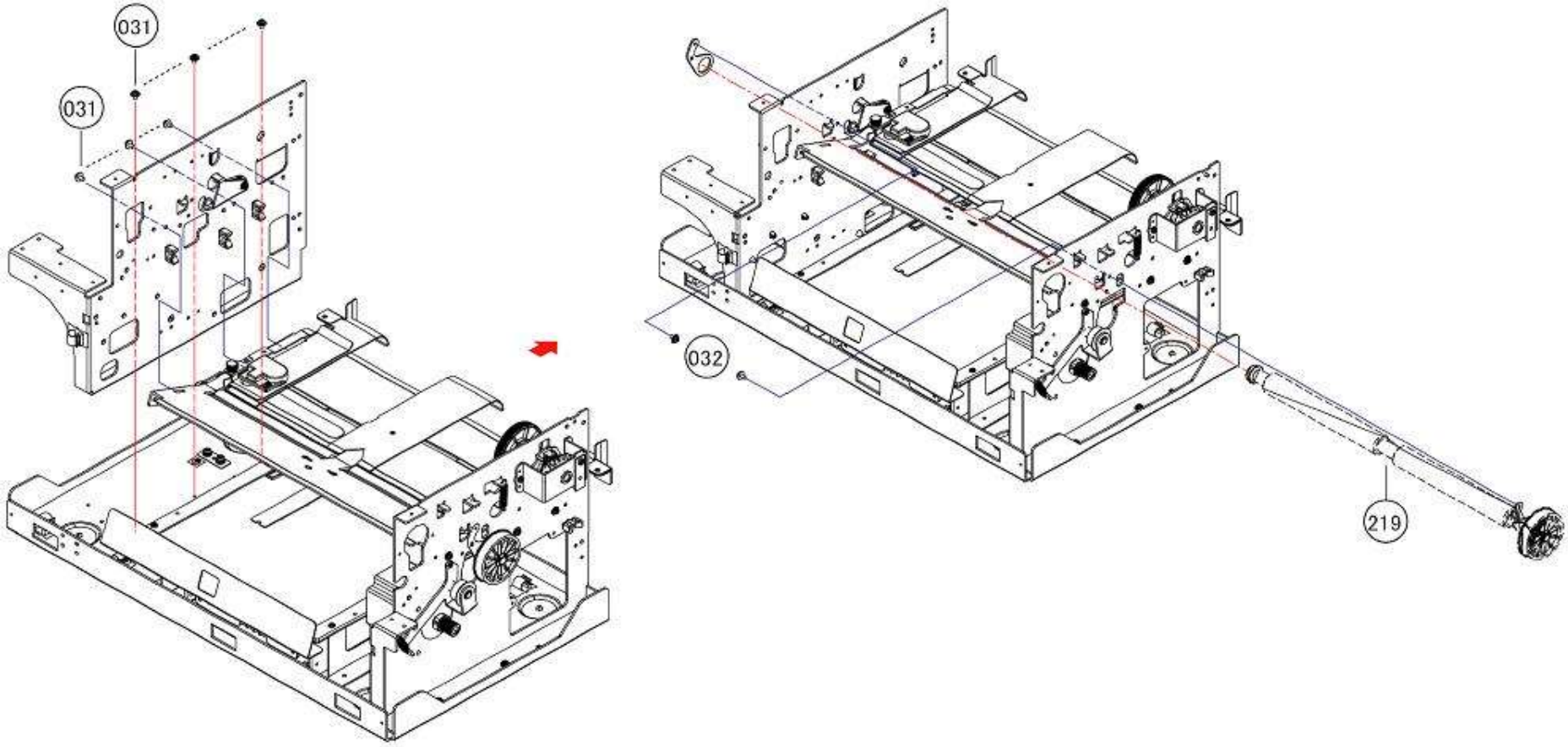
DESCRIPTION
Fig04-SIDE FLAME ASSY



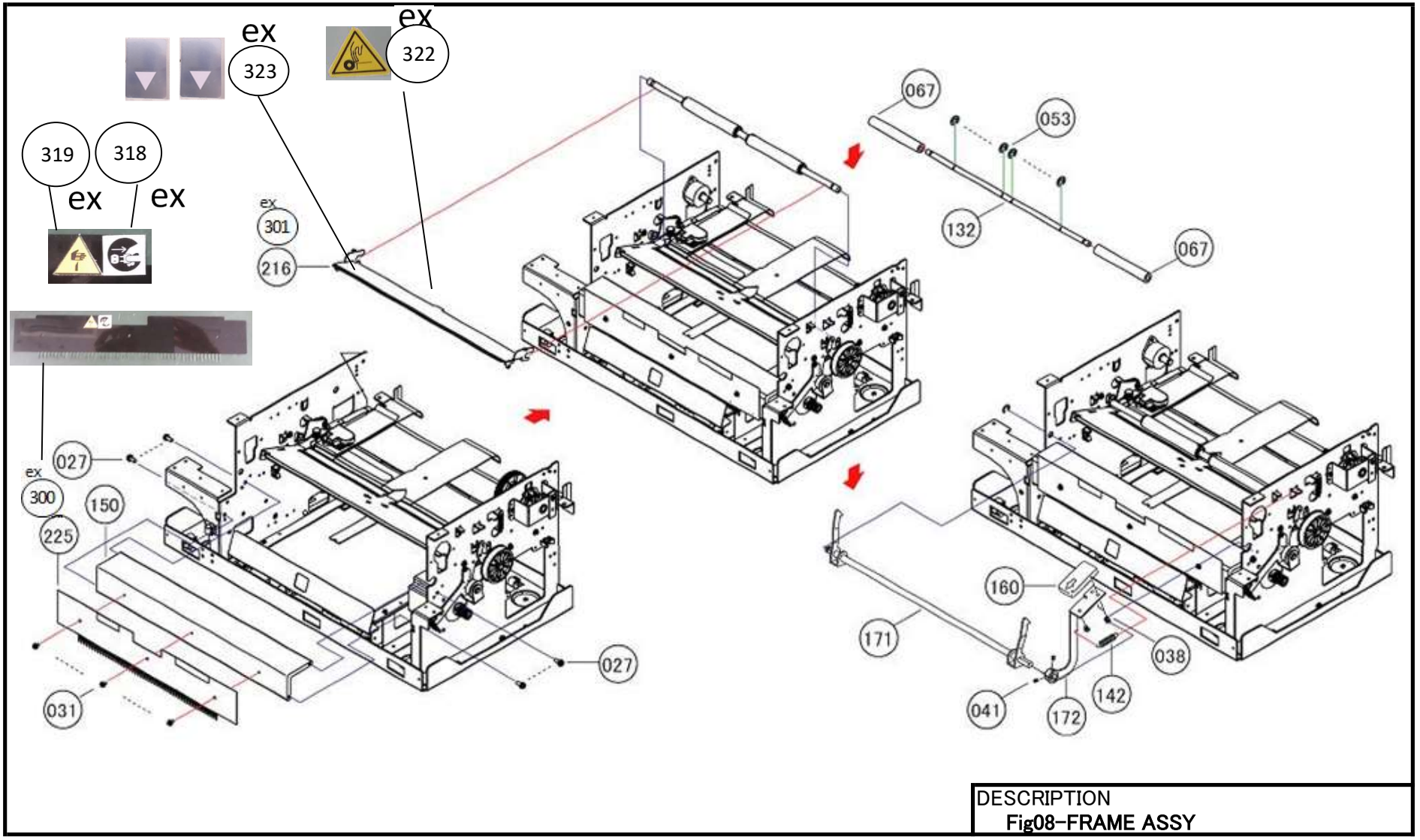
DESCRIPTION
Fig05-FRAME ASSY



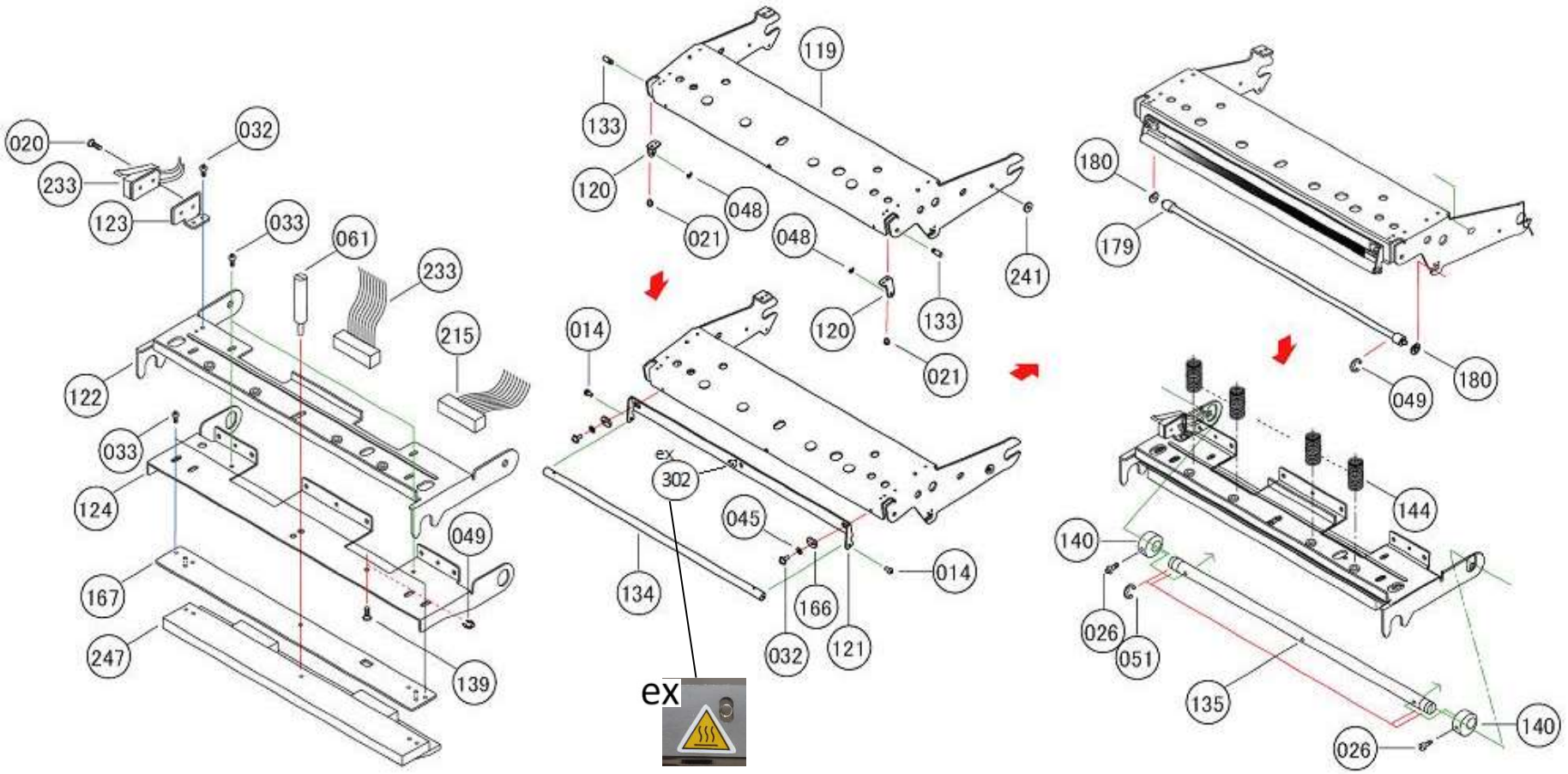
DESCRIPTION
Fig06-FRAME ASSY



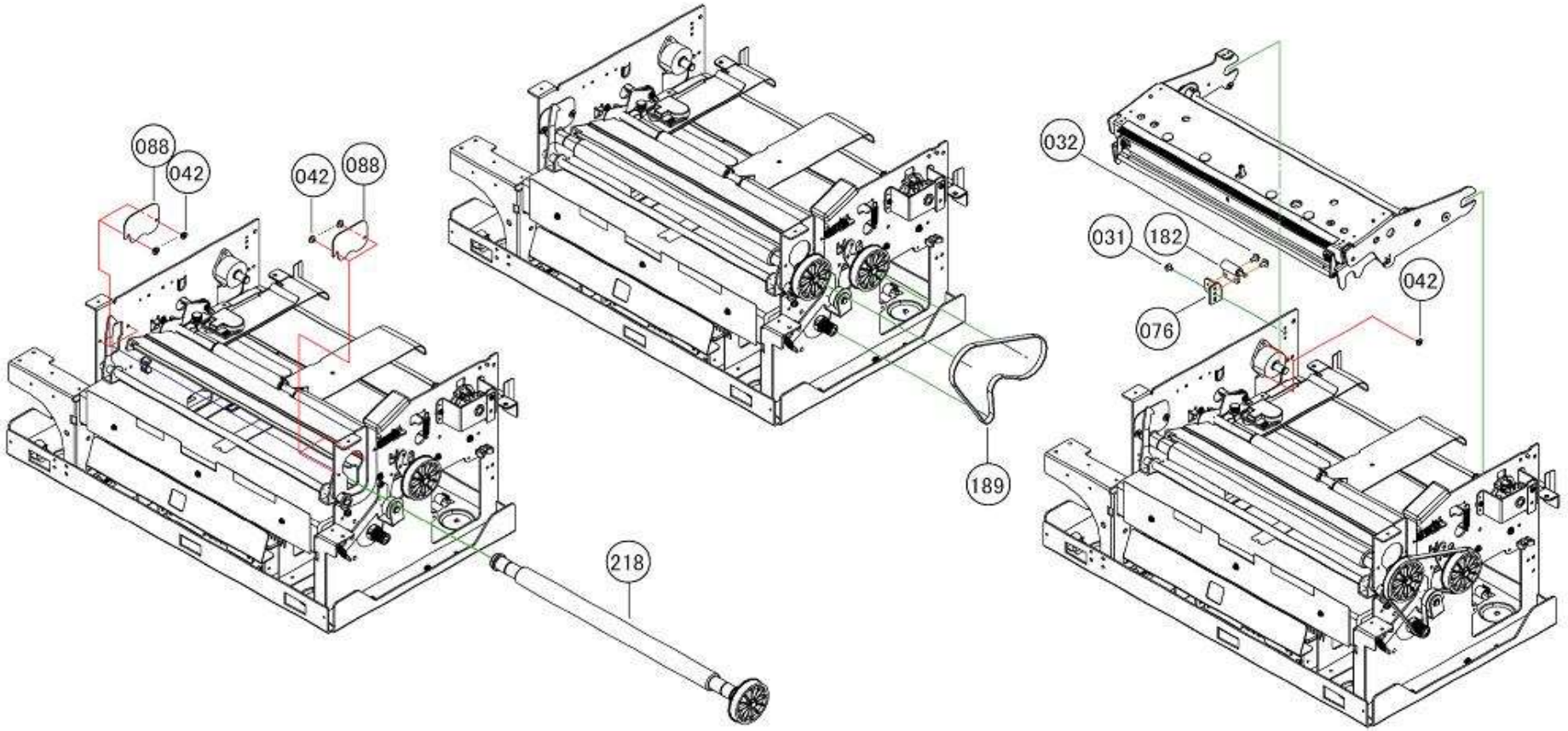
DESCRIPTION
Fig07-FRAME ASSY



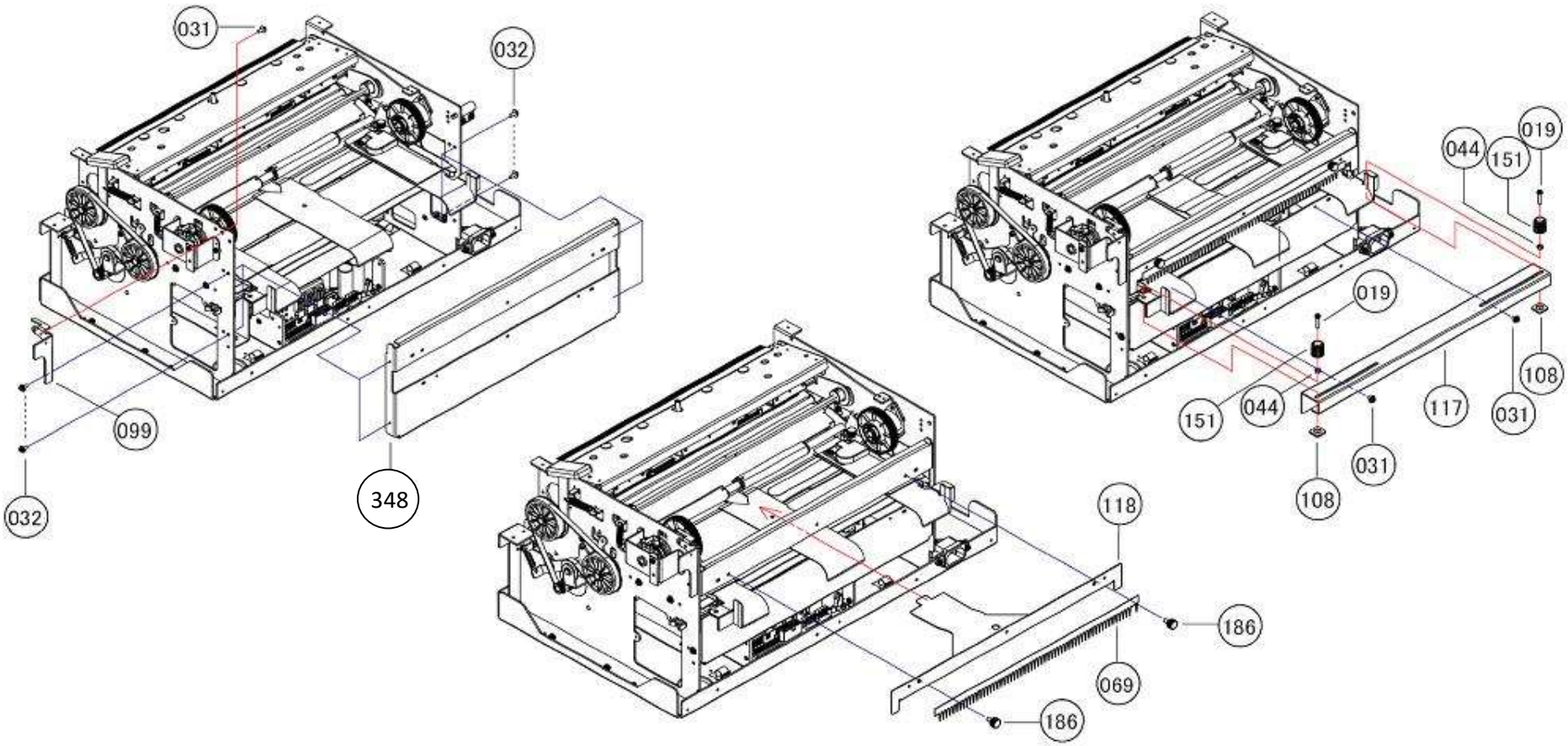
DESCRIPTION
Fig08-FRAME ASSY



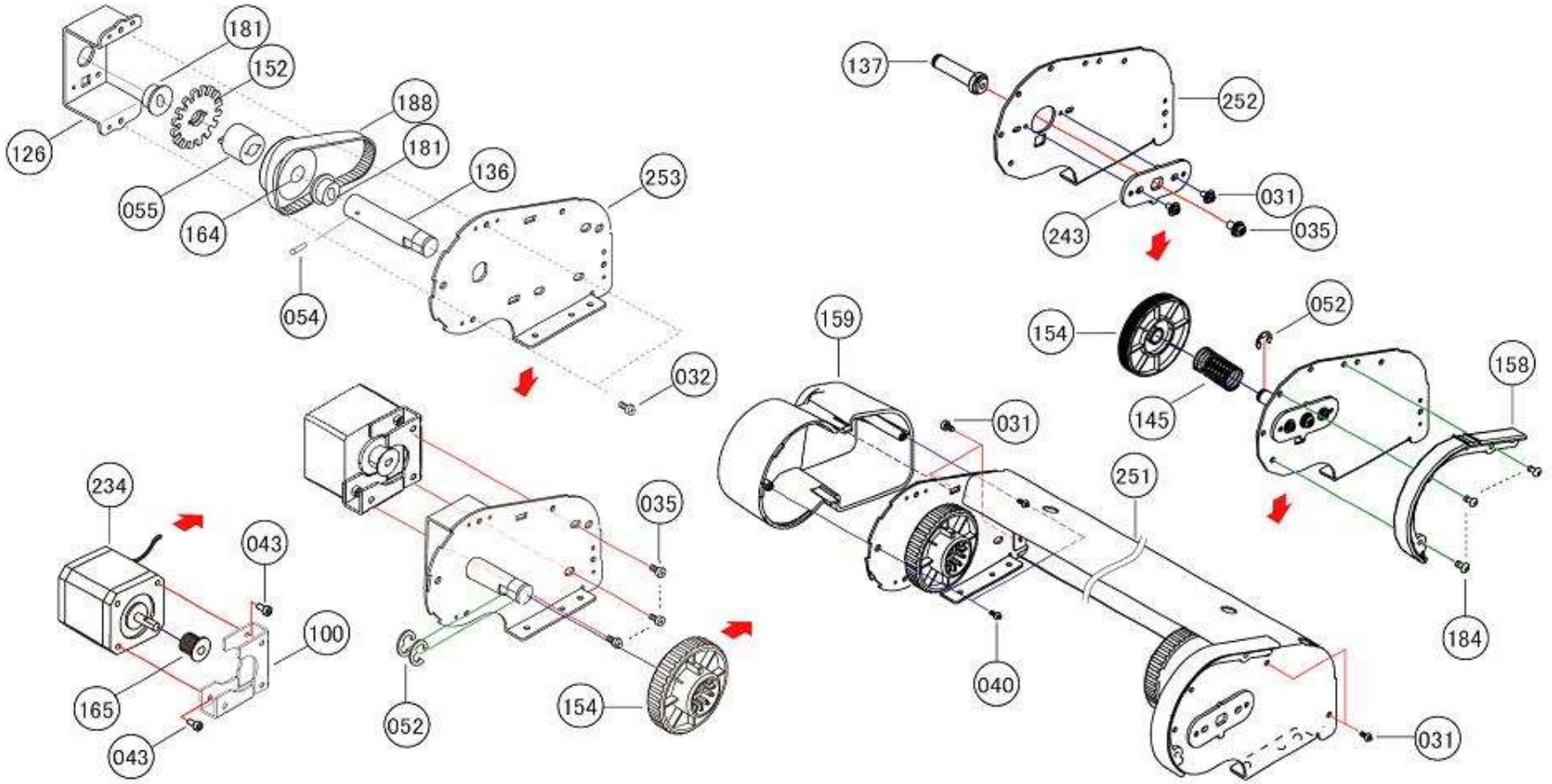
DESCRIPTION
Fig09-HEAD ASSY



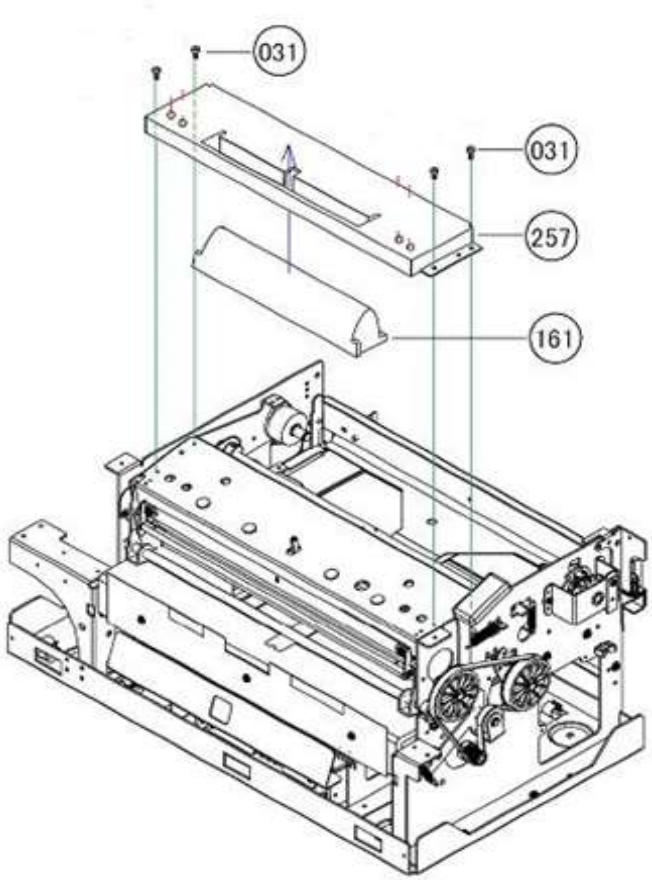
DESCRIPTION
Fig10-COVER MAIN ASSY

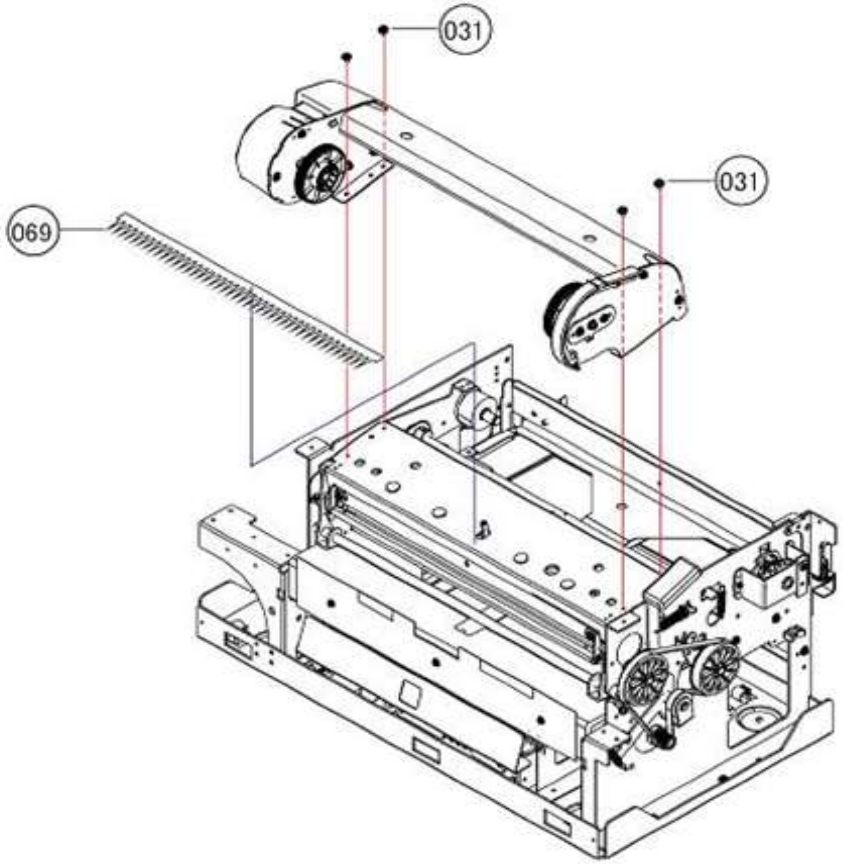


DESCRIPTION
Fig11-COVER MAIN ASSY

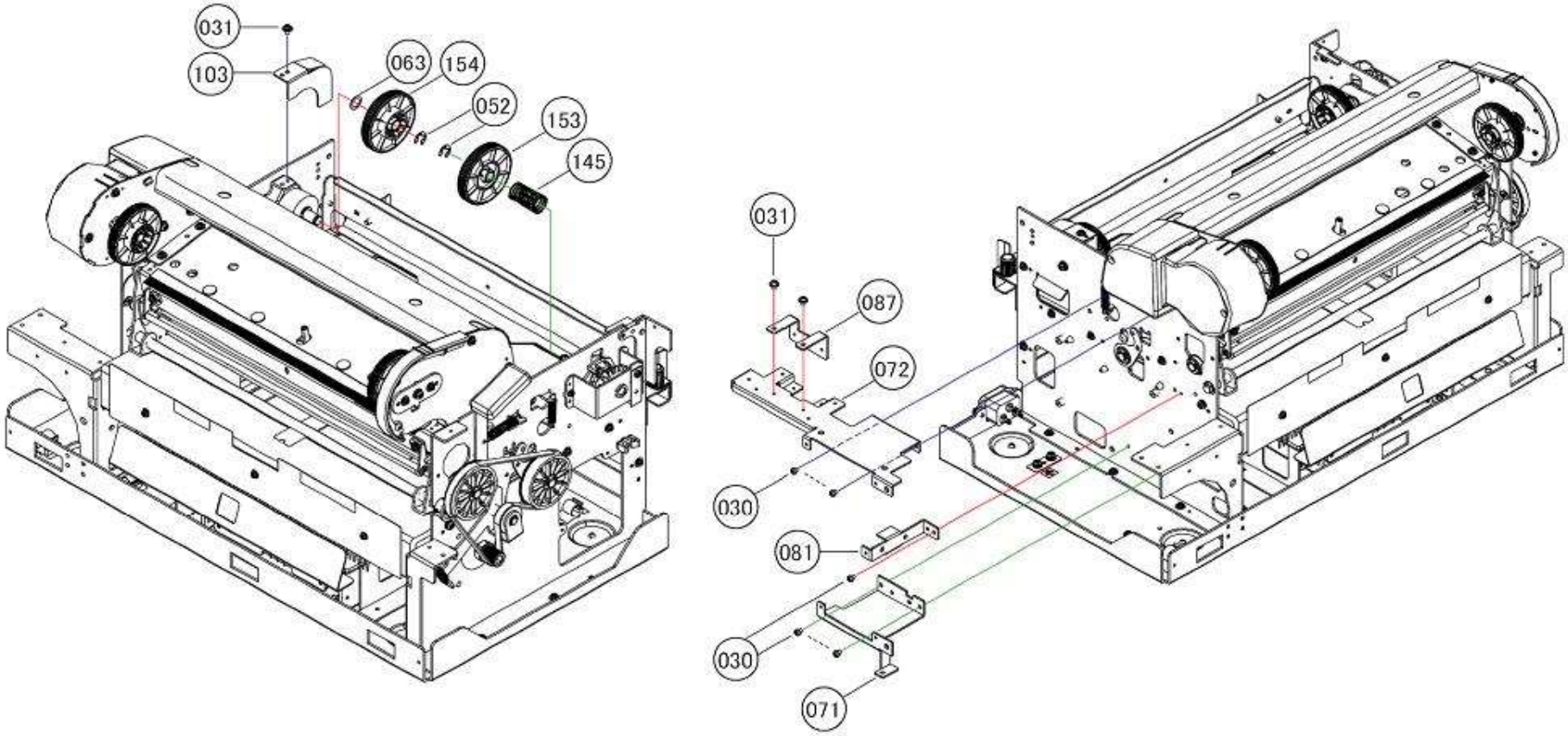


DESCRIPTION
Fig12-RIBBON REWIND ASSY

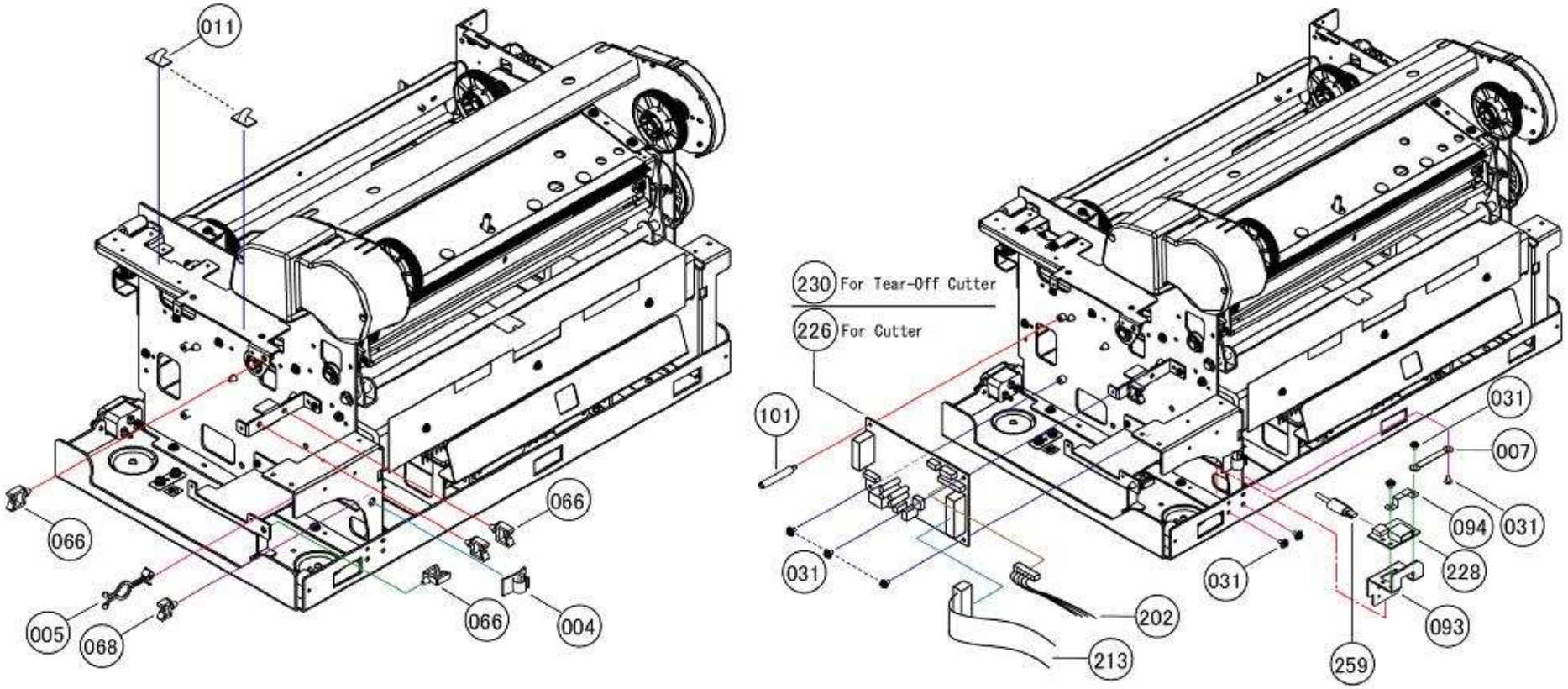




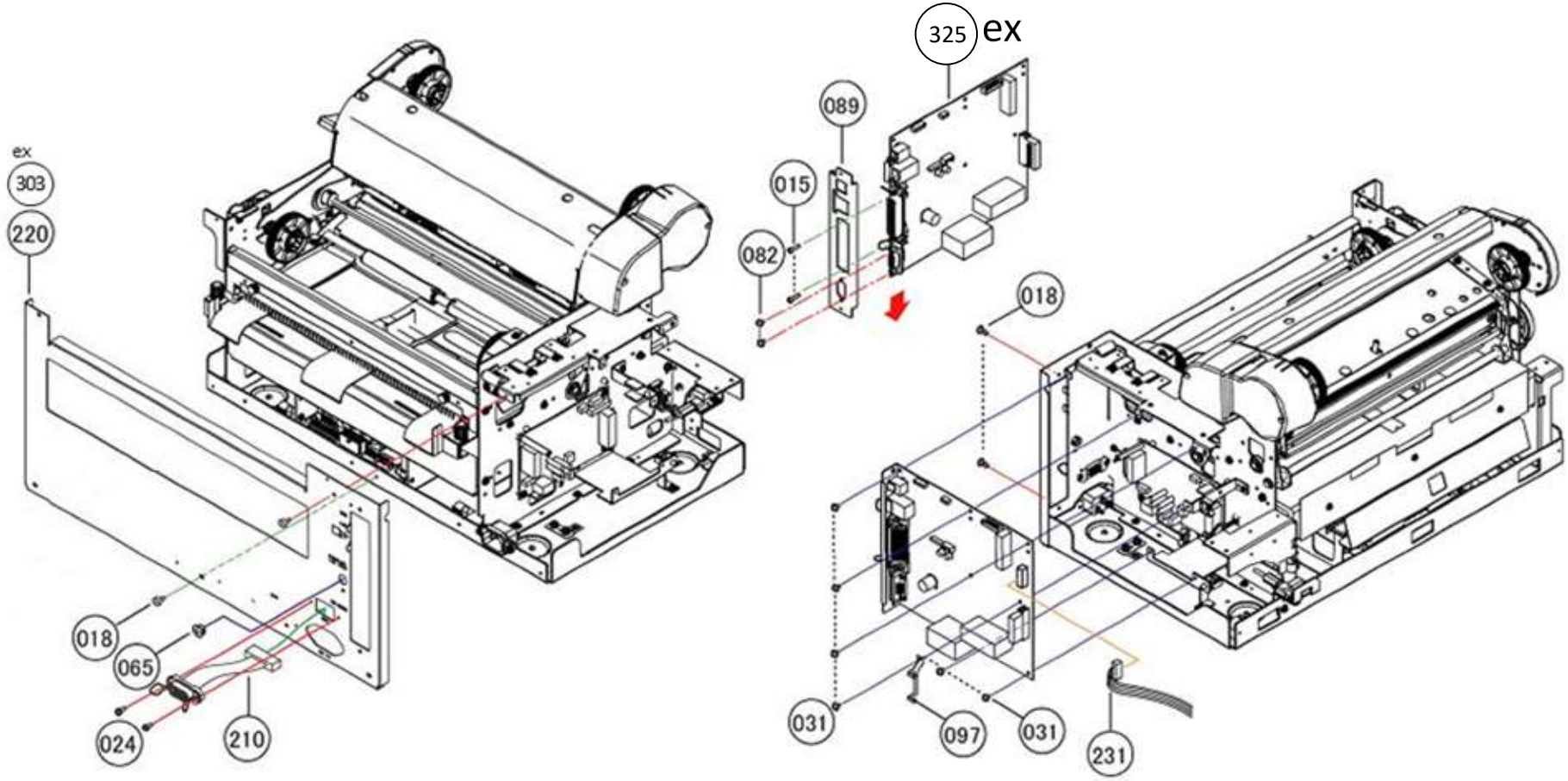
DESCRIPTION
Fig13-COVER MAIN ASSY



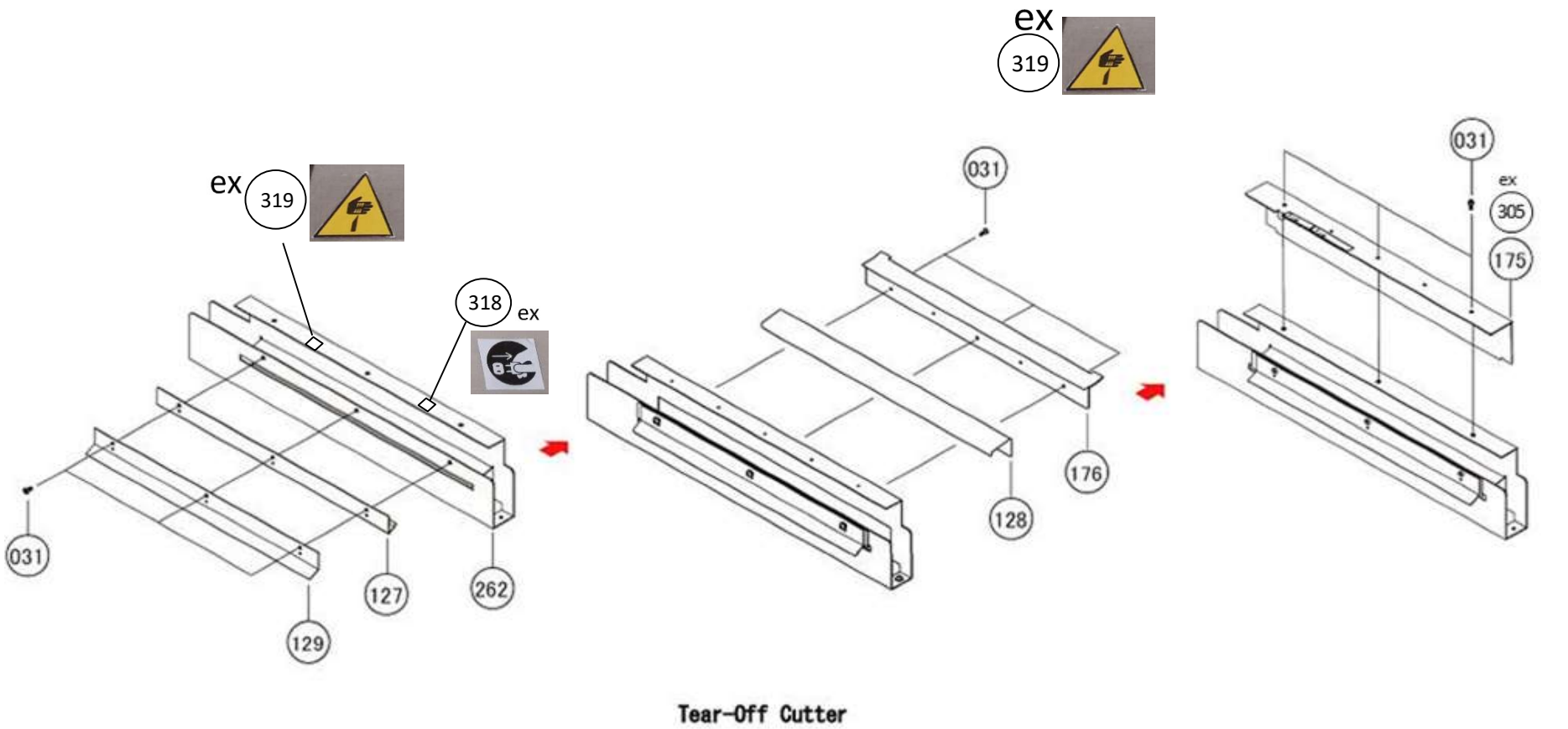
DESCRIPTION
Fig14-COVER MAIN ASSY



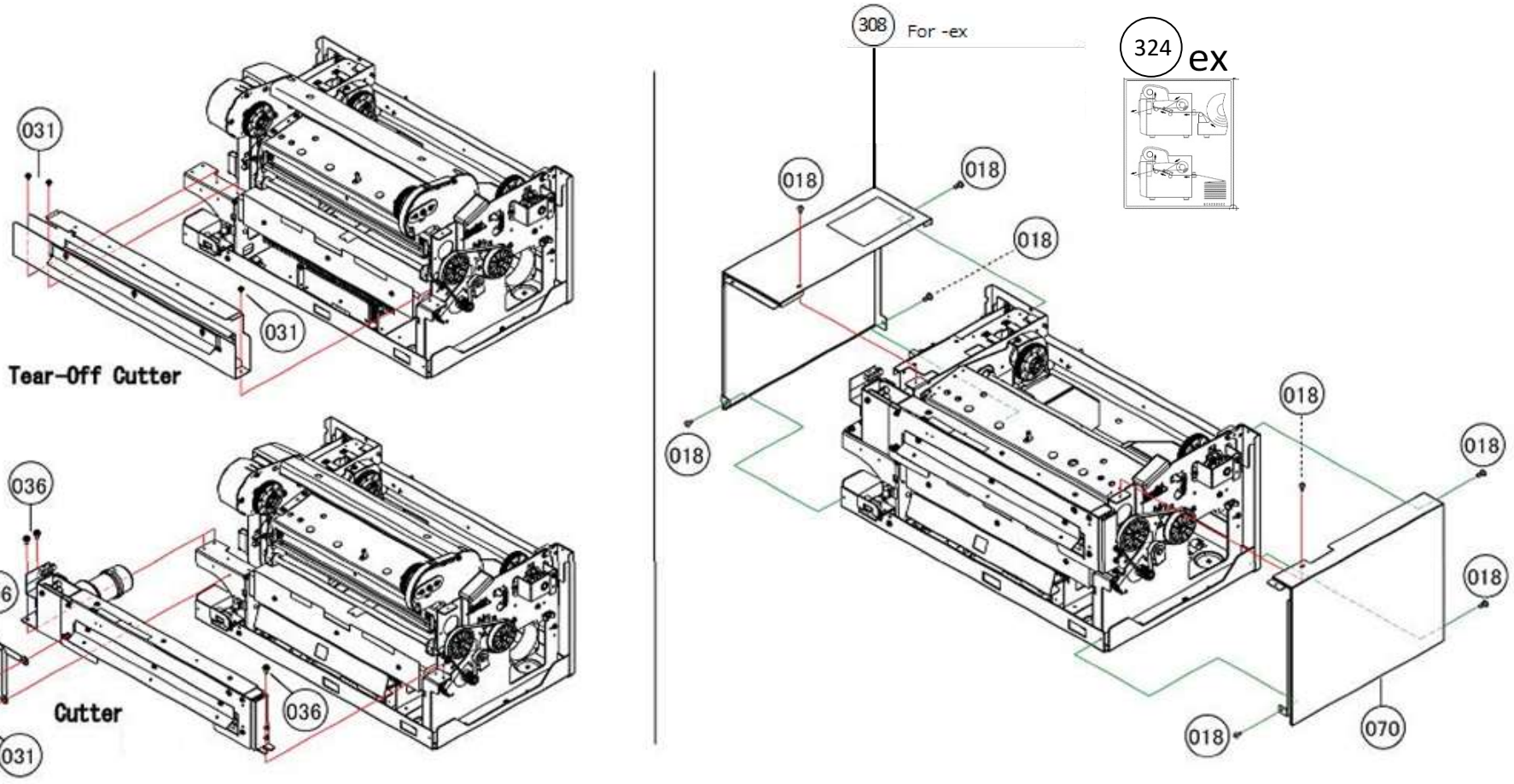
DESCRIPTION
Fig15-PCB ASSY



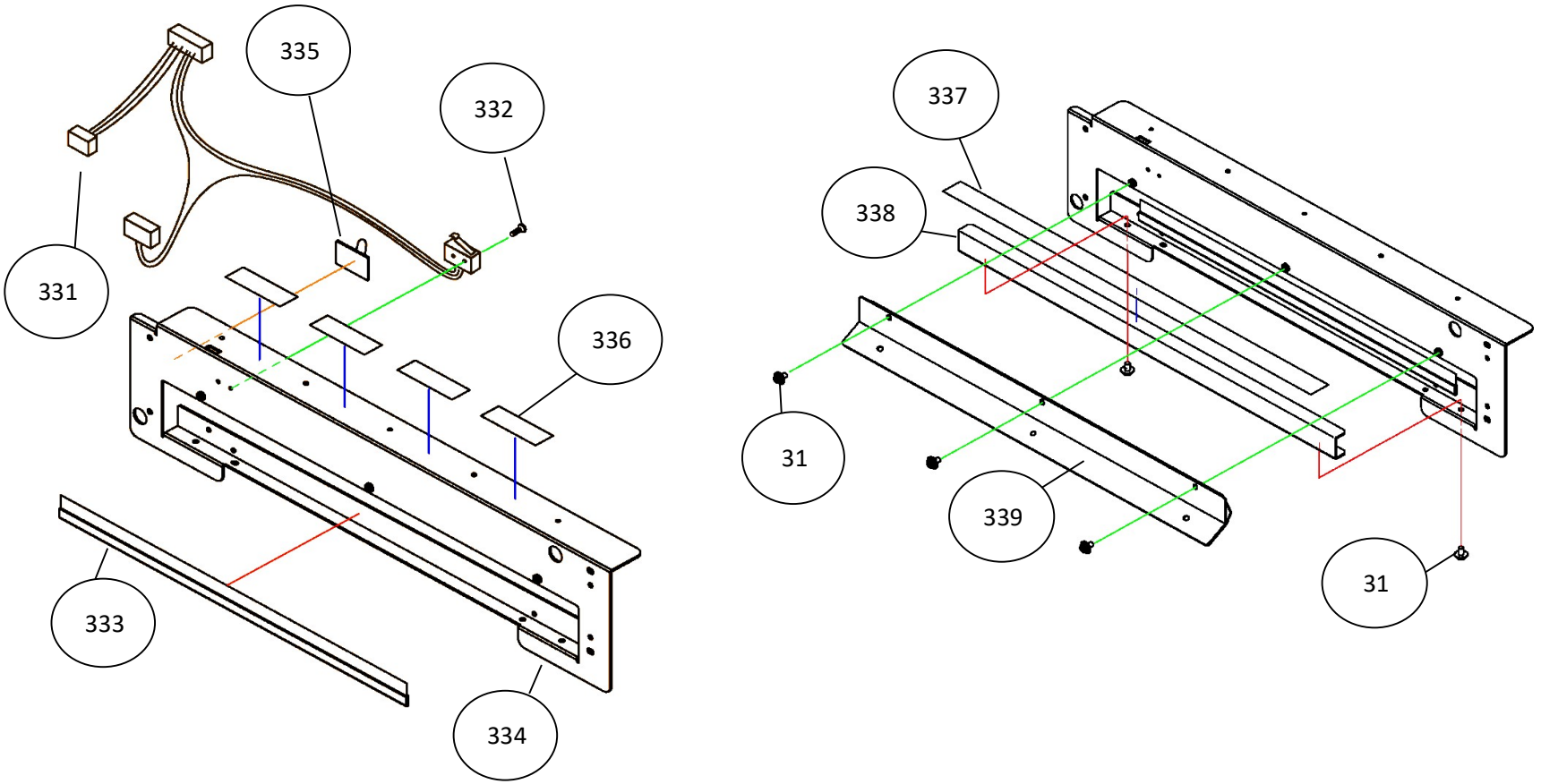
DESCRIPTION
Fig16-PCB ASSY



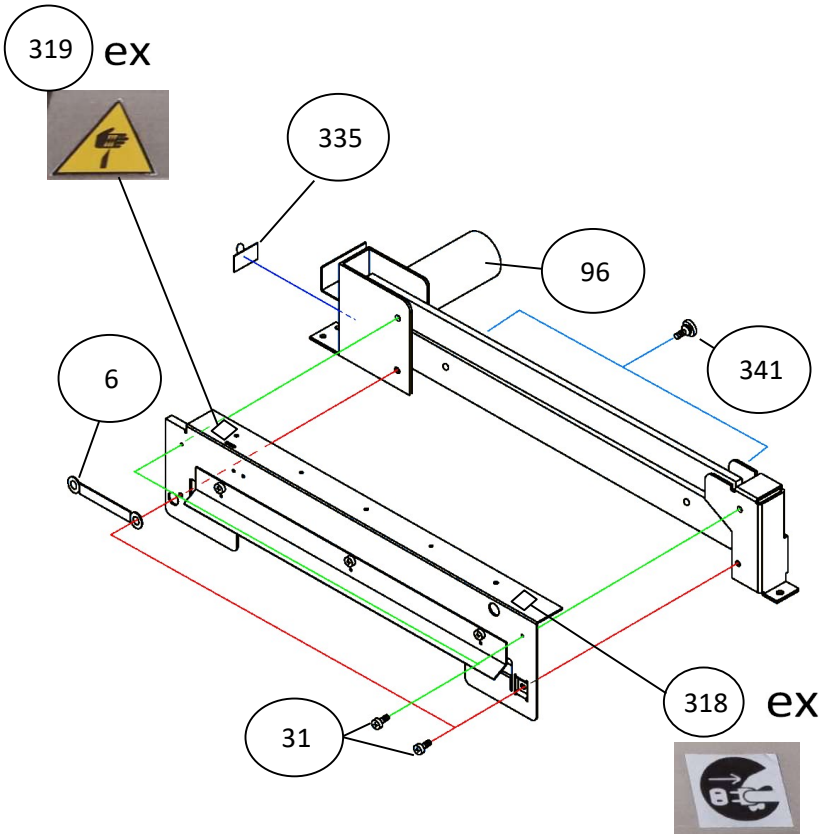
DESCRIPTION
Fig17-CUTTER ASSY

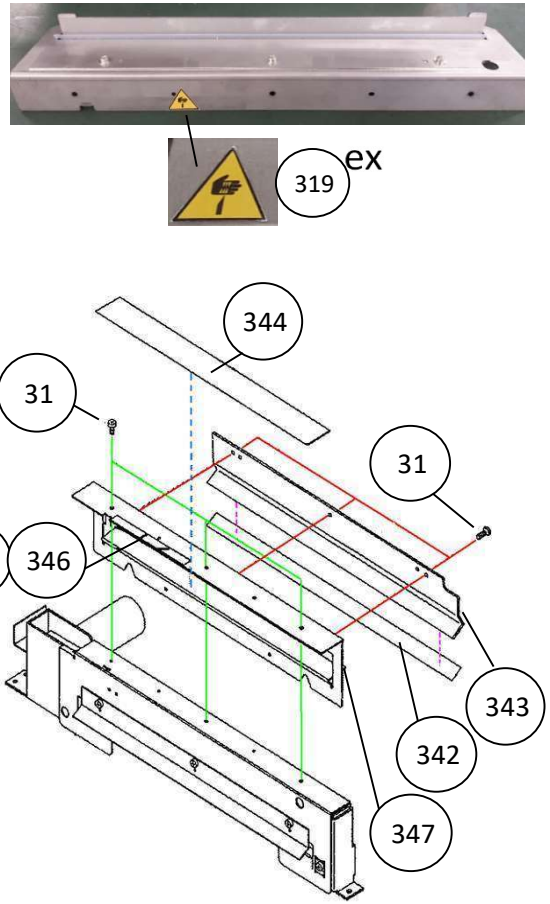


DESCRIPTION
Fig18-CUTTER ASSY(Ⅰ)

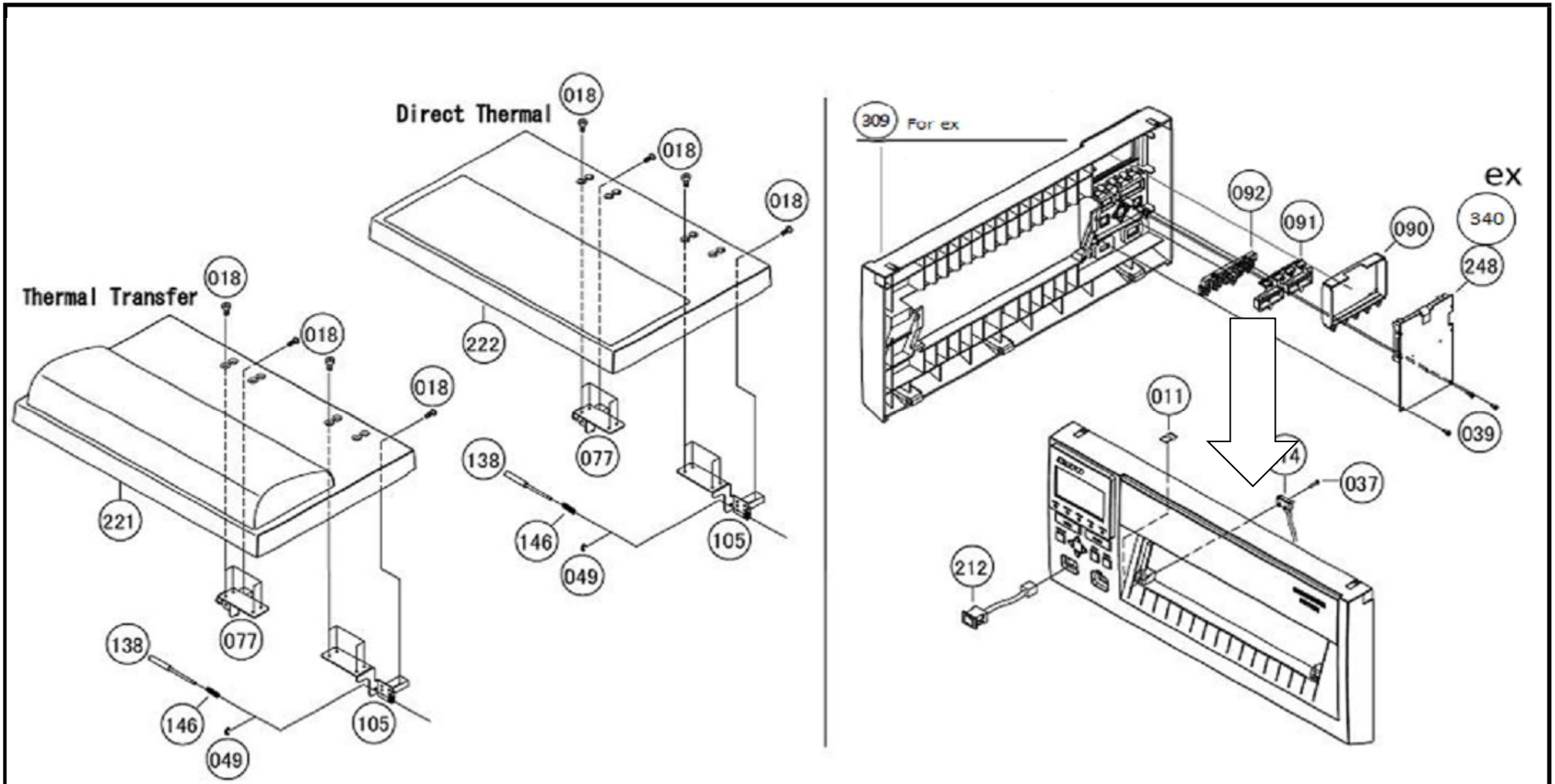


DESCRIPTION
Fig18-CUTTER ASSY(Ⅱ)

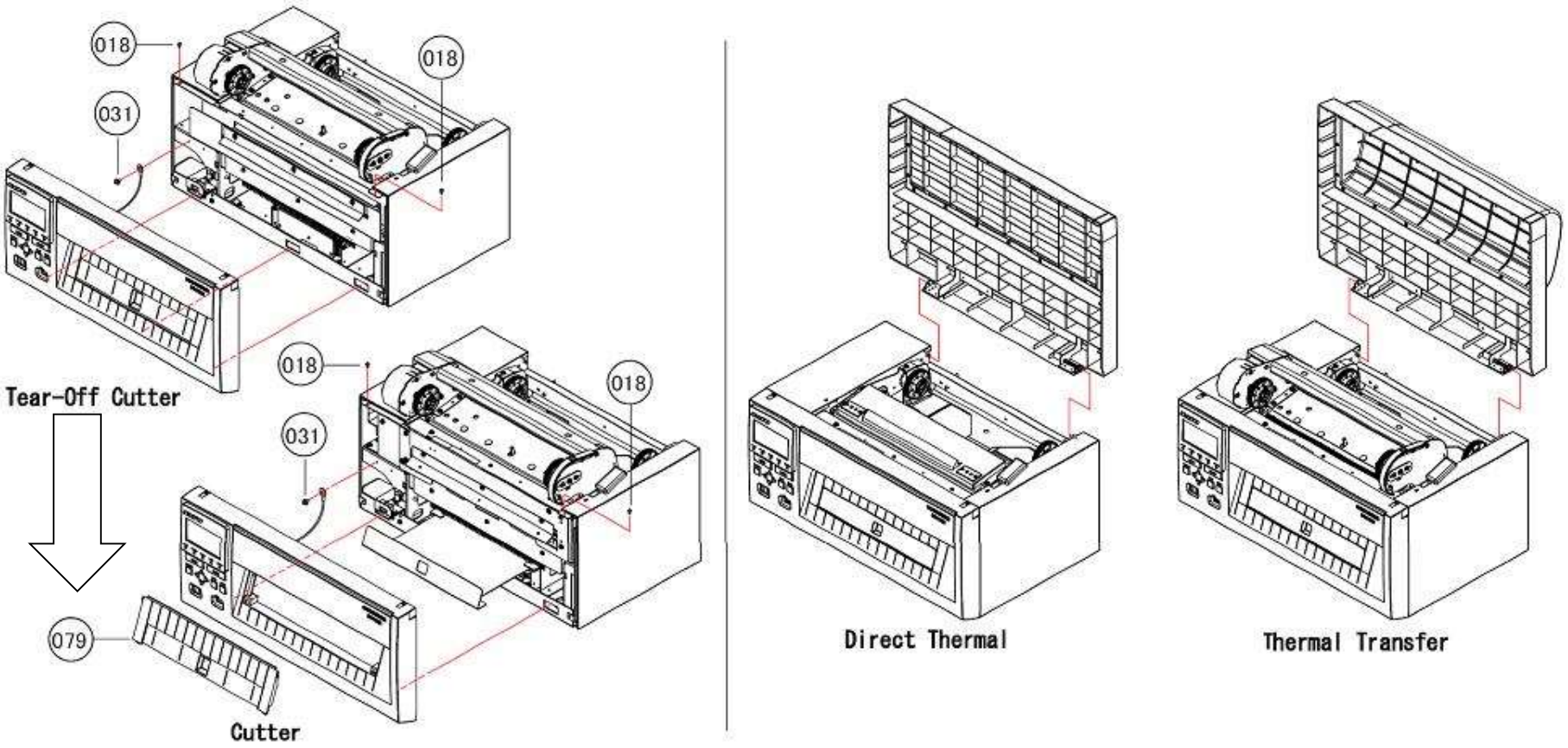




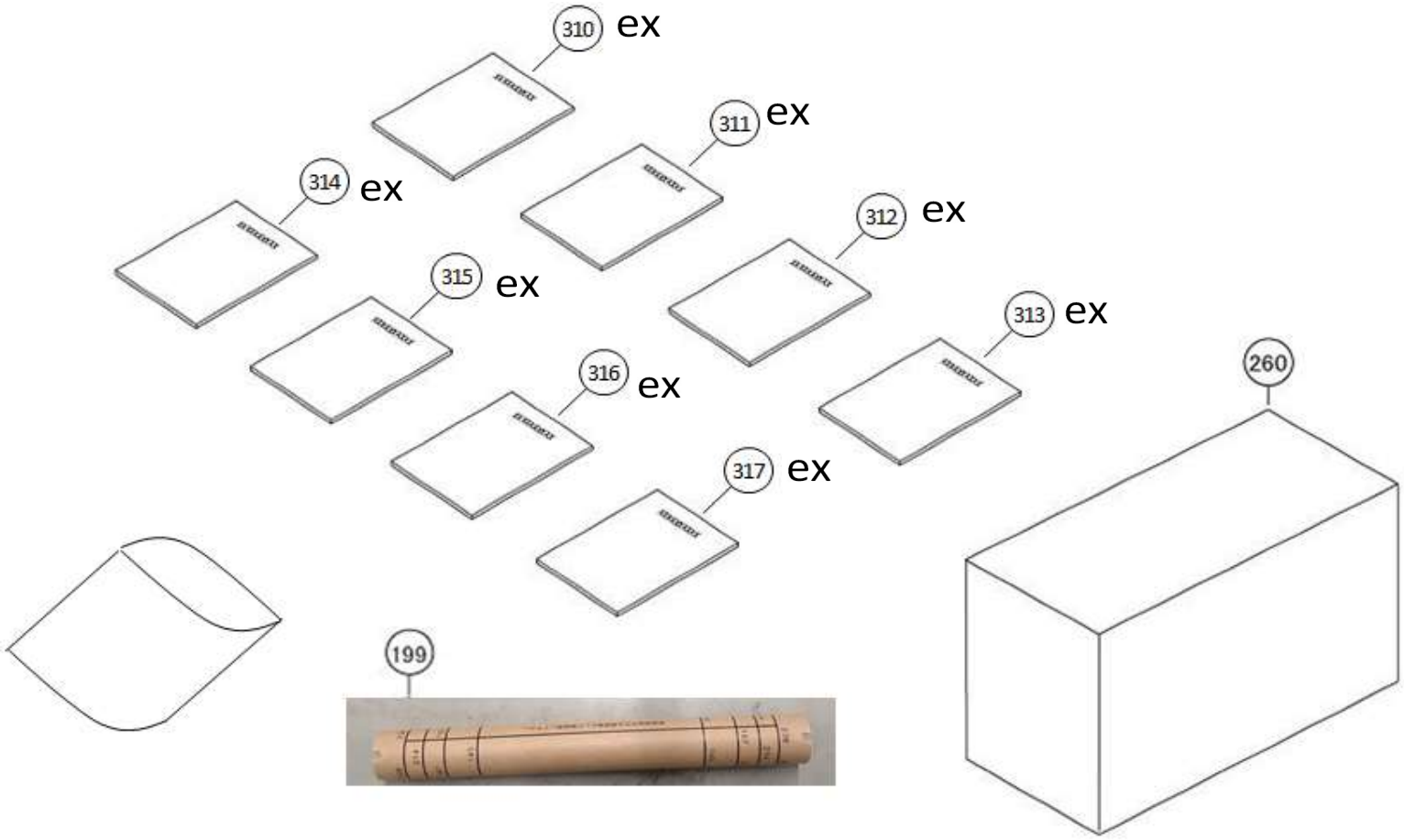
DESCRIPTION
Fig18-CUTTER ASSY(Ⅲ)



DESCRIPTION
Fig19-COVER ASSY



DESCRIPTION
Fig20-COVER ASSY



DESCRIPTION
Fig21-ATTACHMENT ASSY

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
3	H00884000	CKS CLAMP		Fig01
4	H02240000	CKS CLAMP		Fig01,15
5	H02241000	CLAMP		Fig15
6	H02271000	FG MESH		Fig18-Ⅰ、18-Ⅲ
7	H02272000	FG MESH		Fig15
11	JG100191A	WIRE STICKER		Fig05,15,19
12	K00375004	POWER UNIT-LF		Fig01/Recommended Spare Parts Use K00375004 for IEC62368-1 in EU region
13	KB200371A	STEPPING MOTOR-LF		Fig02,03
14	MA0300621	PAN HEAD SCREW		Fig09
15	MA0301221	PAN HEAD SCREW		Fig16
16	MA1301022	FLAT HEAD SCREW		Fig05
17	MA2300429	BIND HEAD SCREW		Fig02
18	MA2300628	BIND HEAD SCREW		Fig16,18-Ⅰ,19,20
19	MC0301622	PAN HEAD SCREW+TW		Fig11
20	MD0231022	PAN HEAD SCREW		Fig09
21	MD0300422	PAN HEAD SCREW		Fig02,03,09
22	MD0300522	PAN SCREW+SW		Fig05
23	MD0400622	PAN SCREW+SW		Fig01
24	MD3300822	PAN HEAD SCREW+SW+WS		Fig16
25	MD3300828	PAN HEAD SCREW+SW+WS		Fig01
26	MD3301422	PAN HEAD SCREW+SW+WS		Fig09
27	MD3401021	PAN HEAD SCREW+SW+WS		Fig02,03,08
29	MD4300422	PAN HEAD SCREW+SW+WL		Fig05
30	MD4300522	PAN HEAD SCREW+SW+WL		Fig14
31	MD4300622	PAN HEAD SCREW+SW+WL		Fig01,02,03,05,06,07,08,10,11,12,13,14,15,16,17,18-Ⅰ,18-Ⅱ,18-Ⅲ、20
32	MD4300822	PAN HEAD SCREW+SW+WL		Fig01,07,09,10,11,12
33	MD4301021	PAN HEAD SCREW+SW+WL		Fig09
34	MD4301422	PAN HEAD SCREW+SW+WL		Fig02,03,04
35	MD4400822	PAN HEAD SCREW+SW+WL		Fig12
36	MD4401021	PAN HEAD SCREW+SW+WL		Fig04,18-Ⅰ
37	MH0231022	P TIGHT SCREW		Fig19
38	MH0250621	PAN HEAD P TIGHT SCREW		Fig08
39	M16208000	BIND HEAD P TIGHT SCREW		Fig19
40	MH9300822	PAN HEAD P TIGHT SCREW		Fig12
41	MJ1400524	HEX SOCKET SET SCREW(W-POINT)		Fig02,03,08
42	MJ9300622	THIN HEAD SCREW		Fig10

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
43	MN0300624	HEX SOCKET HEAD CAP SCREW		Fig12
44	MT1300522	HEXAGON NUT		Fig05,11
45	NA1030022	PLAIN WASHER		Fig05,09
46	NB0030022	SPRING WASHER		Fig05
47	NB2040022	TOOTHED LOCK WASHER		Fig01
48	ND0025030	E SNAP RING		Fig09
49	ND0030030	E SNAP RING		Fig09,19
50	ND0040022	E SNAP RING		Fig02,03
51	ND0050030	E SNAP RING		Fig09
52	ND0060030	E SNAP RING		Fig04,12,14
53	ND0070022	E SNAP RING		Fig08
54	NG2201430	PARALLEL PIN		Fig02,12
55	P00005000	TORQUE LIMITTER		Fig12
56	P00585010	COLLAR(3*4.9*4.4)		Fig05
57	P00619000	COLLAR(3*5.8*1.8)		Fig05
58	P00669000	SPRING(FEED ROLLER)		Fig02,03,04
61	P02551000	POST(HEAD)		Fig09
62	P03042000	RIBBON SHAFT(FF)		Fig04
63	P05710000	POLY SLIDER		Fig14
65	P09900000	HOLE PLUG		Fig16
66	P11523000	WIRE SADDLE		Fig15
67	PB3A60000	PRESSUR ROLLER		Fig08
68	P13162000	WIRE SADDLE		Fig02,04,15
69	P15139000	ANTI STATIC SHEET		Fig11,13
70	P38726010	SIDE COVER(R)		Fig18-Ⅰ
71	P39062000	PCB BRACKET(BOTTOM)		Fig14
72	P39063000	PCB BRACKET(TOP)		Fig14
73	P39075000	BRACKET(T. ROLLER)		Fig02,03
74	P39327000	SHAFT(TENSION ROLLER)		Fig02,03
75	P39329000	SIDE FRAME(R)		Fig02,03
76	P39343000	HINGE BRACKET		Fig10
77	P39498010	HINGE PLATE(L)		Fig19
79	P40247000	CUTTER COVER		Fig20
80	P40248000	COVER(POW)		Fig01
81	P40329000	PCB BRACKET(CENTER)		Fig14
82	P40340000	HEX SCREW		Fig16
83	P40398000	STAY(TRAY)L		Fig01
84	P40402000	TRAY		Fig01
85	P40403000	TRAY GUIDE(TRAY)		Fig01

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
86	P40404010	GUIDE PLATE(TRAY)		Fig01
87	P40656000	PCB BR(RTC)		Fig14
88	P40684000	SUPPORTER CLAMP(B)		Fig10
89	P40998001	I/F PANEL		Fig16
90	P41163000	LCD COVER		Fig19
91	P41164001	KEY UPPER		Fig19
92	P41165001	KEY LOWER		Fig19
93	P41741000	USB PCB BR		Fig15
94	P42281000	USB REINFORCE PLATE		Fig15
95	P42888000	STAY(TRAY)R		Fig01
96	P42900002	CUTTER(ORC-FSS310-2)		Fig18-Ⅲ/Recommended Spare Parts
97	P43046000	CONNECTOR CLAMP		Fig16
99	P43389010	HEAD STOPPER		Fig11
100	P43840000	RIBBON MORTER BR		Fig12
101	P44001000	STAINLESS SPACER		Fig15
102	P44014010	GUIDE SPACER(TRAY)		Fig01
103	P44058000	CABLE GUIDE		Fig14
104	P44208000	TENSION ROLLER		Fig02,03
105	P44370000	HINGE PLATE(R)		Fig19
106	P44708000	TRAY GUIDE(L)(TRAY)		Fig01
108	PA1A60000	NUT PLATE		Fig11
109	PA3A60200	RIBBON BRACKET(RL)		Fig02,03
110	PA3A60300	PLATE(ESCAPE)L		Fig04
111	PA3A60800	PLATE(ESCAPE)R		Fig02,03
112	PA3A61000	SENSOR BRACKET(B)		Fig05
113	PA3A61100	SENSOR BRACKET(E)		Fig05
114	PA3A61300	GUIDE PLATE(R)		Fig05
115	PA3A61700	SENSOR BRACKET(F)		Fig05
116	PA3A61800	GUIDE PLATE(RACK)(A)		Fig05
117	PA3A62010	SLIDE GUIDE		Fig11
118	PA3A62101	GUIDE PLATE(TOP)		Fig11
119	PA3A62700	TOP FRAME		Fig09
120	PA3A62800	HEAD CLOSE BRACKET		Fig09
121	PA3A63000	CONVERT PLATE		Fig09
122	PA3A63101	HEAD FRAME		Fig09
123	PA3A63200	HEAD OPEN SW BR.		Fig09
124	PA3A63310	HEAD ADJUST PLATE		Fig09
125	PA3A63500	SLACK PLATE(L)		Fig02
126	PA3A63800	RIBBON BRACKET(L)		Fig12

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
127	PA3A64100	CUTTER GUIDE(A)		Fig17
128	PA3A64600	TEAR OFF CUTTER GUIDE		Fig17
129	PA3A66000	CUTTER GUIDE©		Fig17
130	PB0A60100	SHAFT(TOP FRAME)		Fig03
131	PB0A60202	SHAFT(SPRING)		Fig02,03,04
132	PB0A60510	SHAFT(PRESSURE ROLLER)		Fig08
133	PB0A60800	HEAD LOCK STUD		Fig09
134	PB0A60900	CONVERT SHAFT		Fig09
135	PB0A61001	HEAD ADJUST SHAFT		Fig09
136	PB0A61200	RIBBON SHAFT(TORQUE)		Fig02,12
137	PB0A61300	RIBBON SHAFT(RW)		Fig12
138	PB0A61500	RELEASE SHAFT		Fig19
139	PB5A60000	POST(ECCENTRIC)		Fig09
140	PB5A60100	HEAD ADJUST CAM		Fig09
142	PC0A60000	HEAD LOCK SPRING		Fig08
143	PC0A60101	SPRING(TENSION ROLLER)		Fig02,03
144	PC1A60000	HEAD SPRING		Fig09
145	PC1A60100	SPRING(BOBBIN)		Fig12,14
146	PC1A60201	SPRING(RELEASE)		Fig19
147	PC2A60000	SPRING(FEED ROLLER)R		Fig02,03
148	PC2A60100	SPRING(FEED ROLLER)L		Fig04
149	PC2A60201	TORSION SPRING		Fig02
150	PD1A60000	STAY(340)		Fig08
151	PE2750401	GUIDE COLLAR(STACKER)		Fig11
152	PE2A60000	ENCODER PLATE		Fig02,12
153	PE4A60000	RIBBON BOBBIN(TORQUE)		Fig14
154	PE4A60200	RIBBON BOBBIN(FF)		Fig12,14
155	PE6720460	PROTECTOR (A)		Fig13
157	PE6A60001	COVER(SENSOR)		Fig05
158	PE6A60101	EDGE COVER		Fig12
159	PE6A60201	MOTOR COVER		Fig12
160	PE6A60400	COVER(HEAD LOCK LEVER)		Fig08
161	PE6A60600	HANDLE		Fig13
162	PE8500200	GEAR(0.8*16)		Fig05
163	PE8A60010	PLATE(RACK)		Fig05
164	PE8A60200	PULLEY(S2M*48)		Fig12
165	PE8A60300	PULLEY(S2M*20)		Fig12
166	PL2720100	ADJUST COLLAR		Fig09
167	PR1A60110	ADJUST PLATE(HEAD)		Fig09

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
168	PR3A60102	RACK PLATE(L)		Fig05
169	PR3A60002	RACK PLATE(R)		Fig05
170	PR3A60201	GUIDE PLATE(BOTTOM)		Fig05
171	PR3A60300	HEAD LOCK SHAFT		Fig08
172	PR3A60402	HEAD LOCK LEVER		Fig08
173	PR3A60510	GUIDE PLATE(L)		Fig05
174	PR4A60013	FRAME (C)		Fig05
176	PR4A60400	CUTTER GUIDE UNDER(B)		Fig17
179	PR7A60200	SHAFT(RIBBON)		Fig09
180	PT2A60100	BEAR FIGHT		Fig09
181	PT2A60300	BEAR FIGHT		Fig02,12
182	P60789900	FREE STOP HINGE		Fig10
183	PT6680100	CASE LEG		Fig01
184	PT9500200	NYLON RIVET		Fig12
185	PT9A60100	ONEWAY HINGE		Fig04
186	PT9A60200	KNURLING SCREW		Fig05,11
187	PT9A60400	TORQUE LIMITTER		Fig02
188	PU3204060	TIMING BELT(S2M*204)		Fig12
189	PU3400060	SYNCHRO BELT(S2M*400)		Fig10/Recommended Spare Parts
190	PV0A60000	BEAR FIGHT		Fig02
196	QC6685800	EARTH STICKER		Fig01
199	QL1009110	PAPER CORE(279)		Fig21,Fig21-Ⅰ、21-Ⅱ
202	R17998001	SAPPHIRE CABLE1 SET-LF		Fig15
203	R17999002	SENSOR CABLE SET-LF		Fig05
204	R18009001	CSEN CABLE SET-LF		Fig02
207	R18013002	DRV POWER CABLE SET-LF		Fig01
208	R18014000	PSI CABLE SET-LF		Fig05
210	R18059000	EXT CABLE2 SET-LF		Fig16
211	R18216001	AC CABLE SET-LF		Fig01
212	R18217002	AC LINE CABLE SET-LF		Fig19
213	R18572001	SAPPHIRE CABLE2 SET-LF		Fig15
214	R37569400	CUTSW CABLE SET-LF		Fig19
215	R18609002	HEAD POWER CABLE SET-LF		Fig09

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
218	R18739000	PLATEN ROLLER SUB ASSY		Fig10/Recommended Spare Parts
219	R18740000	FEED ROLLER SUB ASSY		Fig07/Recommended Spare Parts
221	R18778000	TOP COVER SET(R)		Fig19
222	R18779000	TOP COVER SET(T)		Fig19
226	R18874000	SG112-MDRV RBM+CT PCB ASSY-LF		Fig15/Recommended Spare Parts
228	R19208000	USBH PCB ASSY-LF		Fig15/Recommended Spare Parts
230	R19310005	SG112-MDRV CT PCB ASSY-LF		Fig15/Recommended Spare Parts
231	R19377003	KB CABLE2 SET-LF		Fig16
232	R19378002	POWER SUPPLY CABLE2 SET-LF		Fig01
233	R19391002	HEAD CABLE2 SET-LF		Fig09
234	R19396001	RBMEXT CORD2 SET-LF		Fig12
237	R19764020	BOTTOM PLATE SET		Fig01
238	R19765000	SIDE FRAME(L)SET		Fig04
241	R19769000	DURACON WASHER		Fig09
242	R19770000	PULLEY(S2M*20)SET		Fig02,03
243	R19778000	PLATE(RIBBON ADJUST)		Fig12
244	R19862000	SG112 SEN3 PCB SET-LF		Fig05/Recommended Spare Parts
245	R19863000	SG112 CSEN PCB SET-LF		Fig02/Recommended Spare Parts
246	RJ1A60200	SEN1 PCB SET-LF		Fig05/Recommended Spare Parts
247	R19978000	THERMAL HEAD SET		Fig09/Recommended Spare Parts
250	R20092002	STP-EXT CORD2 SET -LF		Fig02,03
251	R20099000	COVER(LINK)		Fig12
252	R20100000	RIBBON FRAME(R)		Fig12
253	R20101000	RIBBON FRAME(L)		Fig12
257	R20193000	HANDLE		Fig13
259	R20206001	USBH(SG112)CABLE SET-LF		Fig15
260	R20208001	PACKING SUB ASSY		Fig21-Ⅰ、21-Ⅱ
262	R20350000	TEAR OFF CUTTER S/A		Fig17
265	RJ1A60300	SEN2 PCB SET-LF		Fig05/Recommended Spare Parts
300	R37357400	DUST COVER SET		Fig08
301	R37357800	GUIDE PLATE(TOP)SET		Fig08
302	QC6524200	STICKER(CAUTION HOT)		Fig09

No.	FIRST CODE	PARTS NAME	STANDARD	NOTE
303	R37319400	REAR COVER(SILK)		Fig16
305	R37358200	CUTTER BRACKET(B)SET		Fig17
308	R37364100	SIDE COVER(L)SET(R)		Fig18-Ⅰ
309	R37319300	FRONT COVER(SILK)		Fig19
310	Q00826000	LAPPING SHEET SET(10W)		Fig21-Ⅱ
311	Q04537301	GWP-LEAFLET		Fig21-Ⅱ
312	Q05102501	FCC Class A SafetyInstructions -1		Fig21-Ⅱ
313	Q05102600	FCC Class A SafetyInstructions -2		Fig21-Ⅱ
314	Q05102700	FCC Class A SafetyInstructions -3		Fig21-Ⅱ
315	Q05238501	Quick Guide		Fig21-Ⅱ
316	Q05238600	Quick Guide (CS / CT)		Fig21-Ⅱ
317	Q04700501	Download Guide		Fig21-Ⅱ
318	Q05234500	STICKER(UNPLUG)		Fig08、17、18-Ⅲ
319	Q05232500	STICKER(CUTTER CAUTION)		Fig08、17、18-Ⅲ
322	Q04255000	STICKER(CAUTION)		Fig08
323	Q00398000	STICKER(PUSH)		Fig22
324	Q05230500	STICKER(ROUTE(R))		Fig18-Ⅰ
325	R37561104	CONT PCB(SG112-ex)ASSY-LF		Fig16/Recommended Spare Parts
331	R18011003	CUTSEN CABLE2		Fig18-Ⅱ
332	MD4231022	PAN HEAD SCREW		Fig18-Ⅱ
333	P43353001	ANTI STATIC BRUSH		Fig18-Ⅱ
334	R19768000	CUTTER BRACKET(A)		Fig18-Ⅱ
335	JG100191A	WIRE STICKER		Fig18-Ⅱ、18-Ⅲ
336	P44552000	CONDUCTIVE TAPE		Fig18-Ⅱ
337	P00278000	DE-ELECTRO TAPE		Fig18-Ⅱ
338	P43536000	CUTTER BRACKET(F)		Fig18-Ⅱ
339	R19767000	CUTTER GUIDE(D)SET		Fig18-Ⅱ
340	R19319001	KB PCB ASSY(CL)-LF		Fig19
341	PB9A60200	GUIDE SCREW		Fig18-Ⅲ
342	P00749000	CT. GUIDE SHEET B		Fig18-Ⅲ
343	P00748000	CUTTER GUIDE TOP (D)		Fig18-Ⅲ
344	P00750000	CT GUIDE SHEET A		Fig18-Ⅲ
347	PA3A66204	CUTTER BR.(C.)		Fig18-Ⅲ
348	P39736000	FRAME (E)		Fig11