



Service Parts

S84NX- (STD LH)

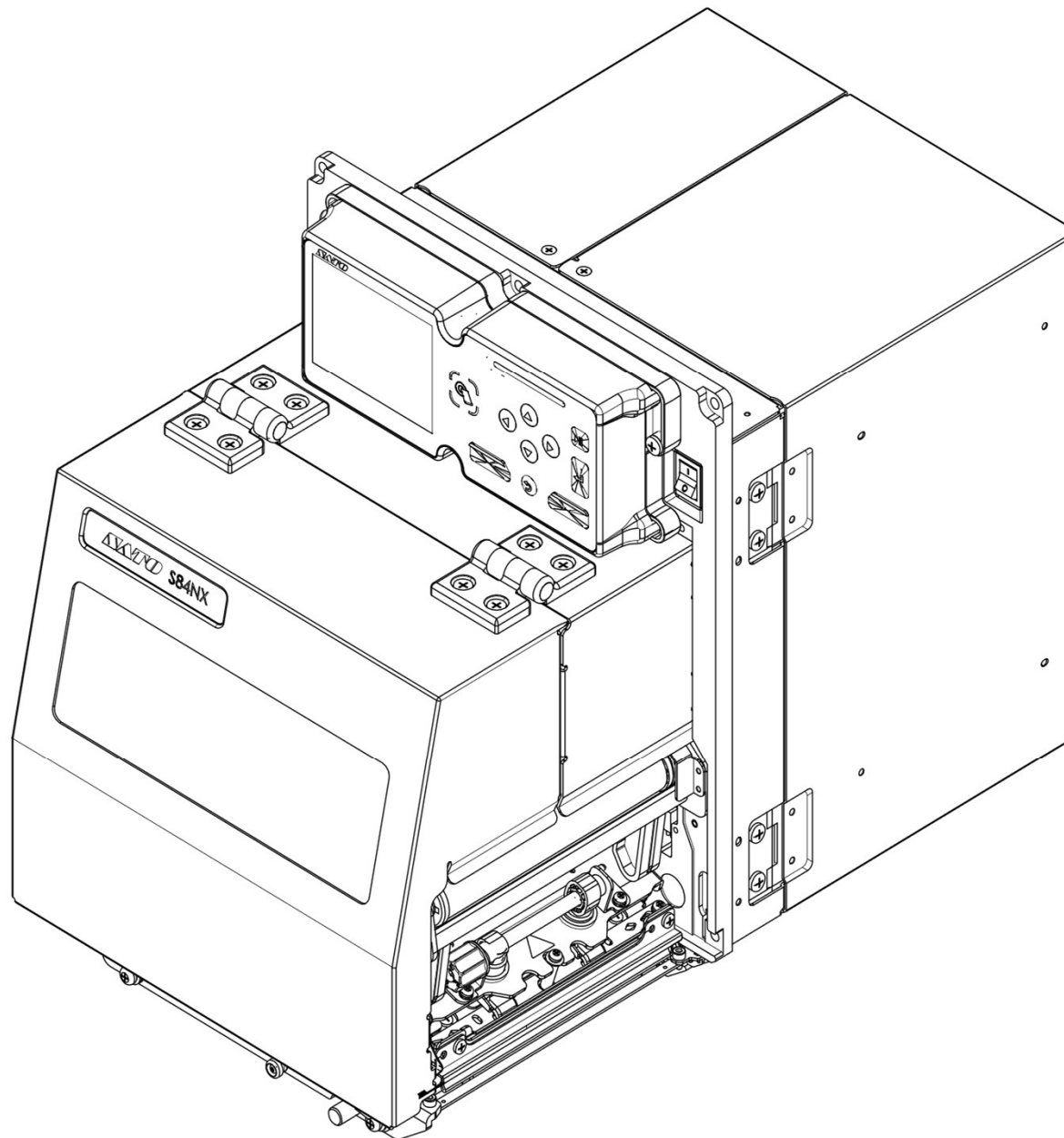
S84NX-(STD_LH))_TT

S84NX-(STD_LH))_DT

LH: Left Hand, RH: Right Hand

STD: Standard, OPP: Opposite

TT: Thermal Transfer, DT: Direct Thermal



Version : S84NX-LH-r13-07-05-25SP

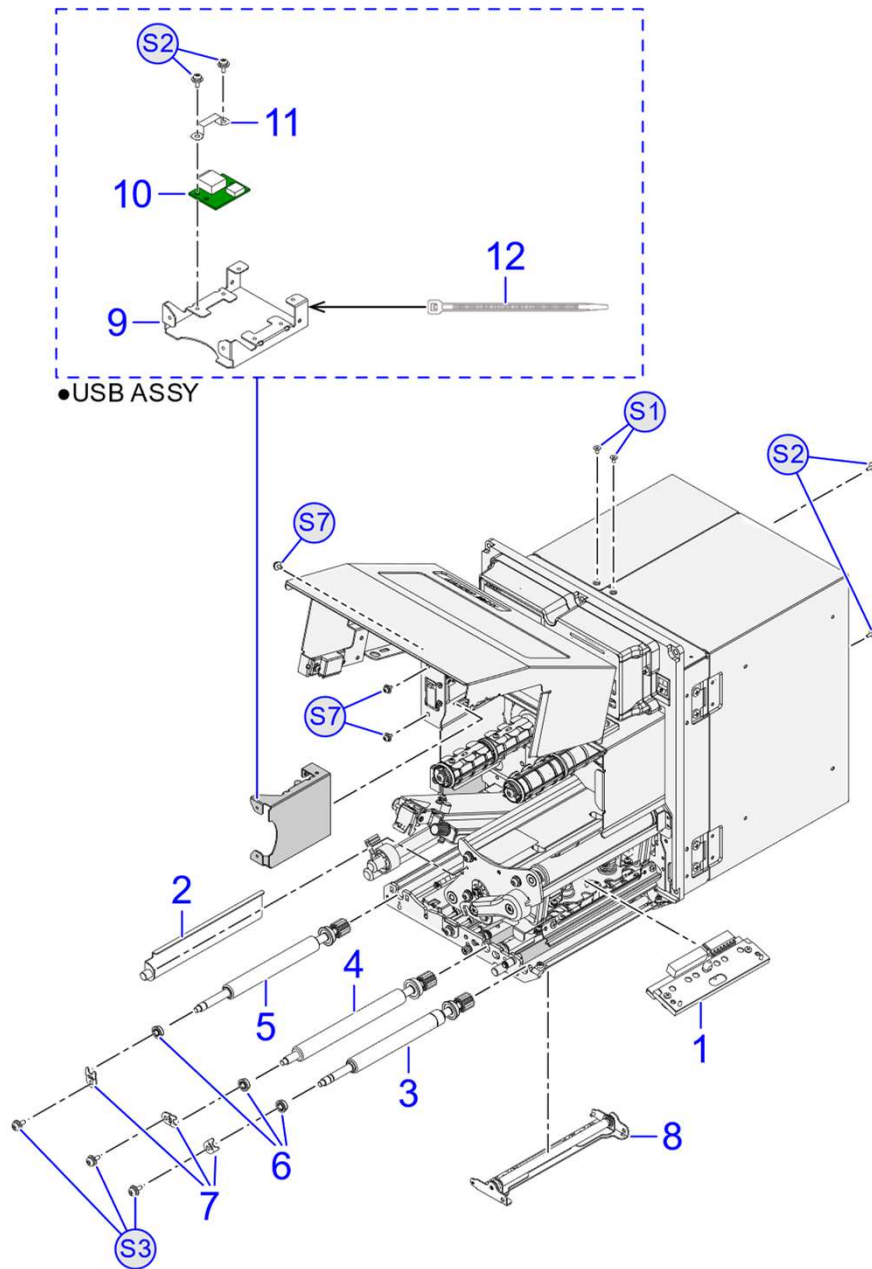
© 2022 SATO Corporation.

All rights reserved.

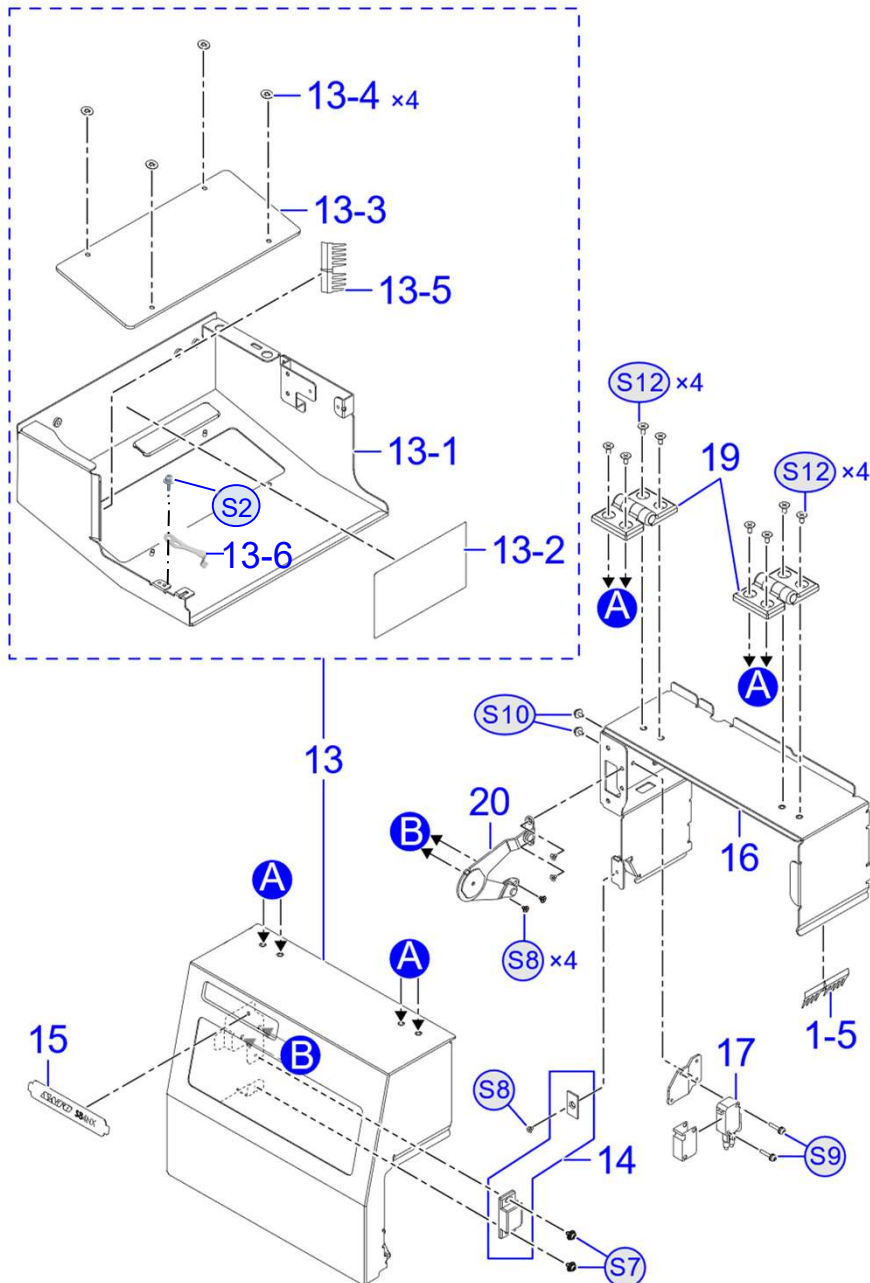


Drawing

No.	FIRST CODE	DESCRIPTION	NOTE
Fig-3		TOP COVER UNIT	
Fig-4		KEYBOARD PANEL LH ASSY	
Fig-5		COVER UNIT	CONT PCB ASSY, POWER UNIT
Fig-6		GEAR BOX ASSY	
Fig-7		GEAR BOX UNIT	
Fig-8		HEAD DT UNIT	* DT Model
Fig-9		HEAD TT UNIT	* TT Model
Fig-10		HEAD ASSY	
Fig-11		STAY HEAD TT ASSY	* TT Model
Fig-12		RIBBON ROLLER	* TT Model
Fig-13		MAIN UNIT-1	
Fig-14		PITCH SENSOR ASSY	IM/GAP-B PCB ASSY
Fig-15		FEED SENSOR ASSY	IM/GAP-A PCB ASSY
Fig-16		MAIN UNIT-2	
Fig-17		PRESSURE LEVER SET	
Fig-17		SIDE FRAME ASSY	
Fig-18		MAIN UNIT-3	
Fig-19		RIBBON MOTOR UNIT	* TT Model
Fig-20		RW RIBBON UNIT	* TT Model
Fig-21		UW RIBBON UNIT	* TT Model
Fig-22		HARNESS DIAGRAM	
S4	MD3401021	PAN HEAD SCREW+SW+WS	
S15	MD4400822	PAN HEAD SCREW+SW+WL	
S24	MA2401428	BIND HEAD SCREW	
S25	MA2400628	BIND HEAD SCREW	

[illegible]

NOTE ***1: Recommended Spare parts**

[illegible]

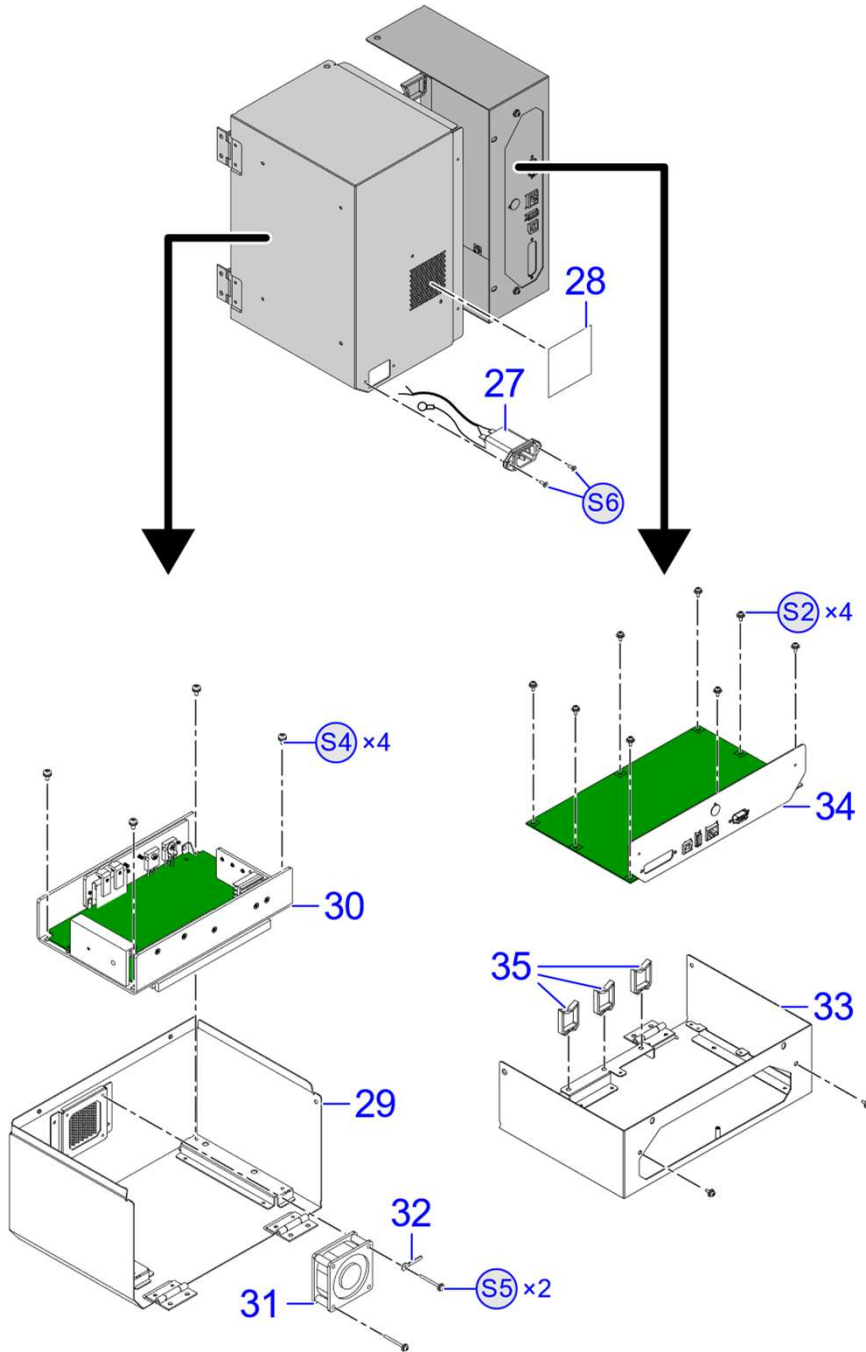
NOTE

***1: Recommended Spare parts**



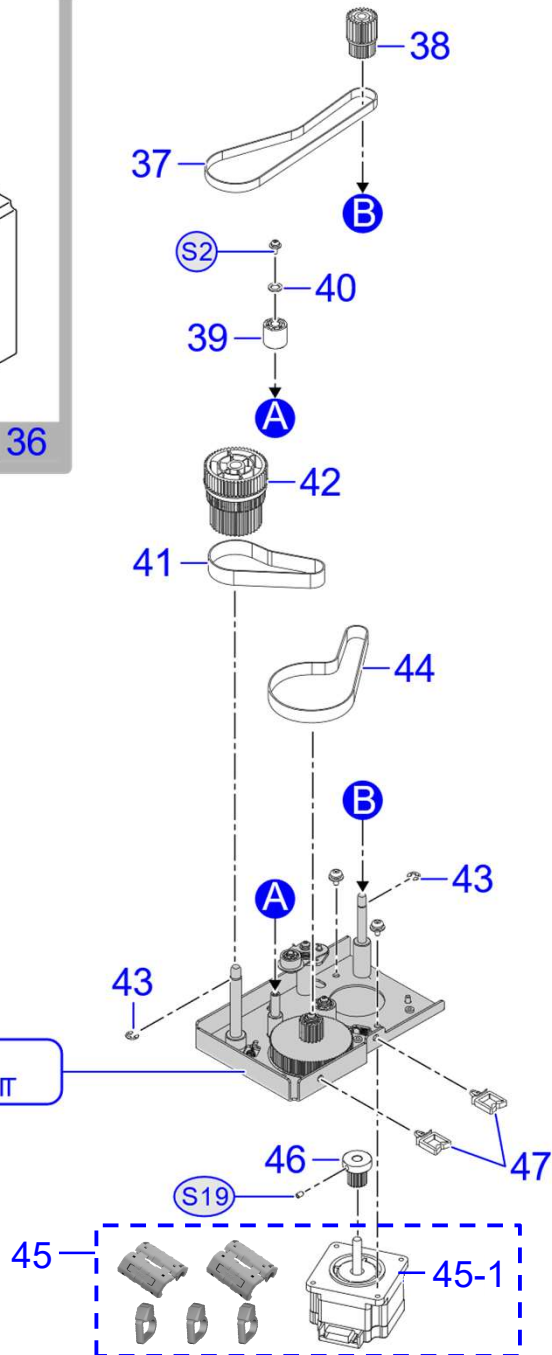
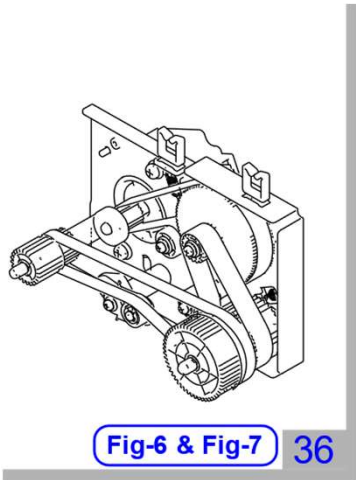
[TOP](#)

NOTE *1: Recommended Spare parts

[illegible]

NOTE

***1: Recommended Spare parts**



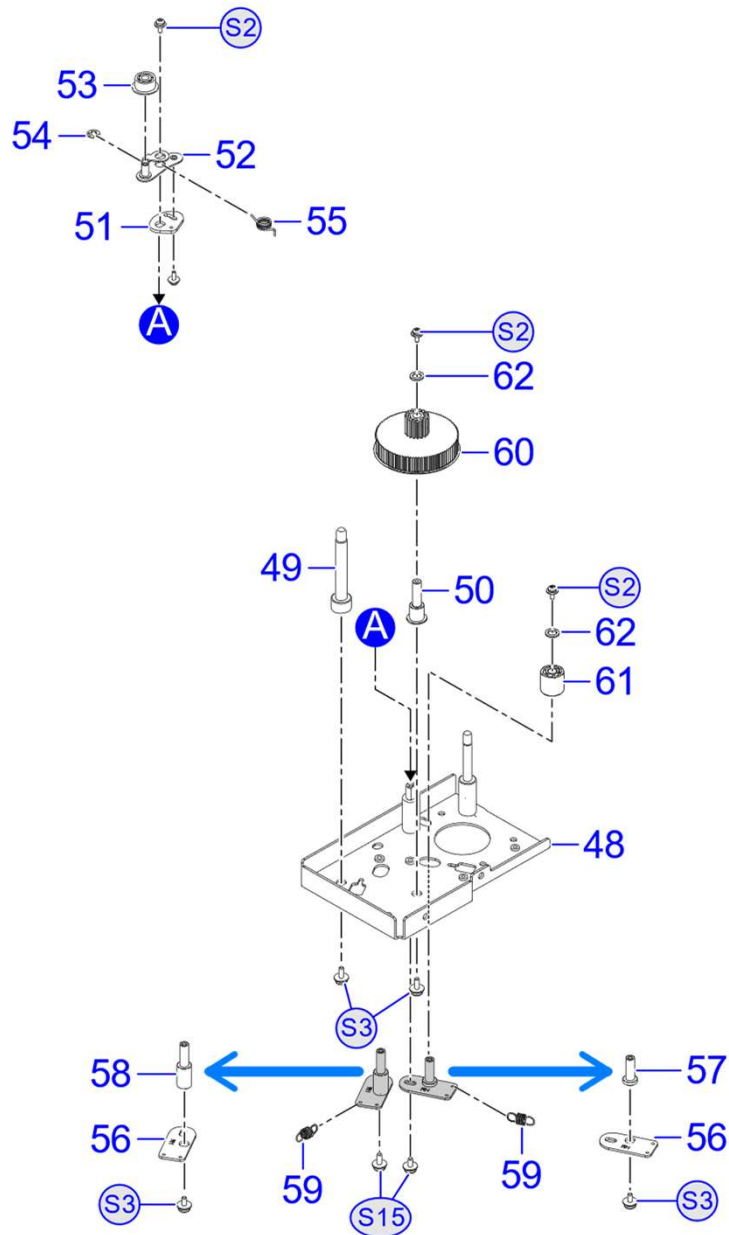
GEAR BOX ASSY

[TOP](#)

No.	FIRST CODE	DESCRIPTION	NOTE
36	R39875103	GEAR BOX LH ASSY	
37	P34928000	TIMING BELT(S2M 340)	
38	P17070010	GEAR(FEED)	
39	P53878000	TENSION ROLLER	
40	P54440000	POLY SLIDER WASHER	
41	P46271000	TIMING BELT(S3M*192)	
42	P34348001	GEAR PULLEY(52/64/38)	
43	ND0040022	E SNAP RING	
44	P46270000	TIMING BELT(S2M*274)	
45	R44881500	S84-86NX FEED MOTOR ASSY	
45-1	K00475000	STEPPING MOTOR-LF	
46	P11157001	MO PULLEY	
47	P11523000	WIRE SADDLE	
S2	MD4300822	PAN HEAD SCREW+SW+WL	
S15	MD4400822	PAN HEAD SCREW+SW+WL	
S19	MJ1400528	HEX SOCKET SET SCREW	
Fig-7		GEAR BOX UNIT	

NOTE

*1: Recommended Spare parts



GEAR BOX UNIT

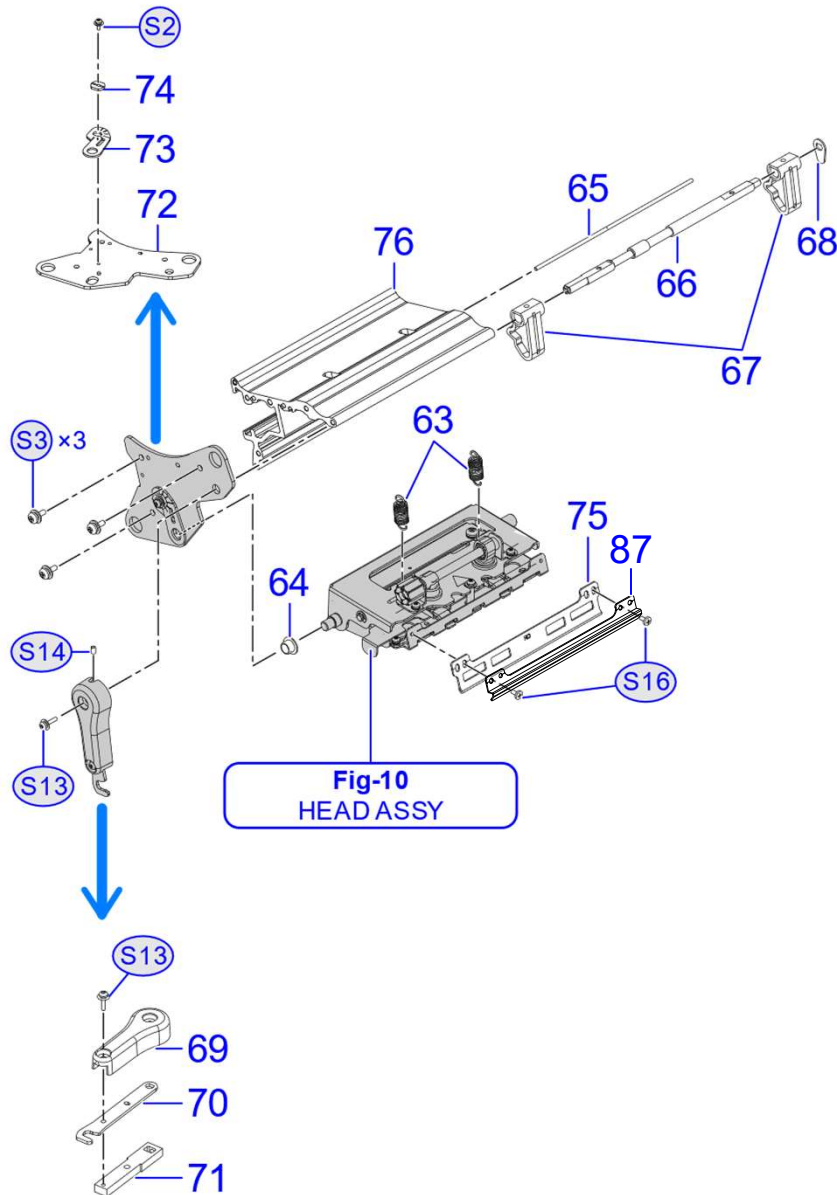
[TOP](#)

No.	FIRST CODE	DESCRIPTION	NOTE
48	R21105001	GEAR FRAME SET(LH)	
49	P17071020	SHAFT(GEAR FRAME A)	
50	P46249000	POST(PULLEY)	
51	P17280000	TENSION LINK	
52	R07588000	TENSION PLATE(LH)SET	
53	P13863010	TENSION ROLLER	
54	ND0040022	E SNAP RING	
55	P17102010	SPRING(TENSION)(LH)	
56	P46247000	TENSION BRACKET	
57	P46240000	POST(TENSION)(A)	
58	P46241000	POST(TENSION)(B)	
59	P17402000	SPRING(BELT TENSION)	
60	P46802000	PULLEY(18/90)	
61	P53878000	TENSION ROLLER	
62	P54440000	POLY SLIDER WASHER	
S2	MD4300822	PAN HEAD SCREW+SW+WL	
S3	MD4401028	PAN HEAD SCREW+SW+WL	
S15	MD4400822	PAN HEAD SCREW+SW+WL	

NOTE

*1: Recommended Spare parts

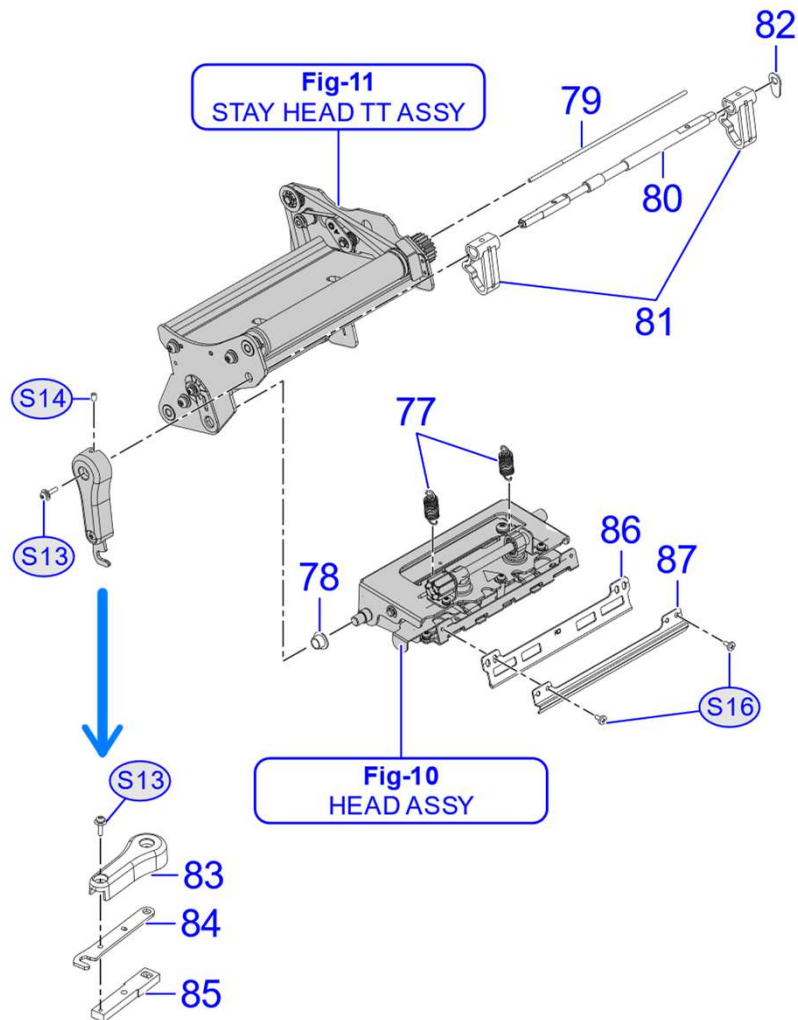
HEAD DT UNIT

[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
63	P63687902	SPRING(HEAD OPEN)	
64	P24424000	FLANGE BUSH B	
65	P63152201	SPRING SHAFT(4)	
66	P17037010	SHAFT(HEAD CAM)	
67	P17052000	PRESSURE CAM	
68	P17026000	SENSOR ARM	
69	P53743000	LOCK LEVER	
70	P53742000	LOCK PLATE	
71	P53744000	HEAD LOCK HANDLE	
72	P63383903	SIDE PLATE LH	
73	P40906000	ADJUST PLATE	
74	PL2720100	ADJUST COLLAR	
75	P18807000	RIBBON AJ PLATE(SUB)	
76	R40597202	STAY HEAD(4)SET	
87	P18807000	RIBBON AJ PLATE(SUB)	
S2	MD4300822	PAN HEAD SCREW+SW+WL	
S3	MD4401028	PAN HEAD SCREW+SW+WL	
S13	MD4301228	PAN HEAD SCREW+SW+WL	
S14	MJ1400528	HEX SOCKET SET SCREW	
S16	MA2300628	BIND HEAD SCREW	
Fig-10		HEAD ASSY	

NOTE

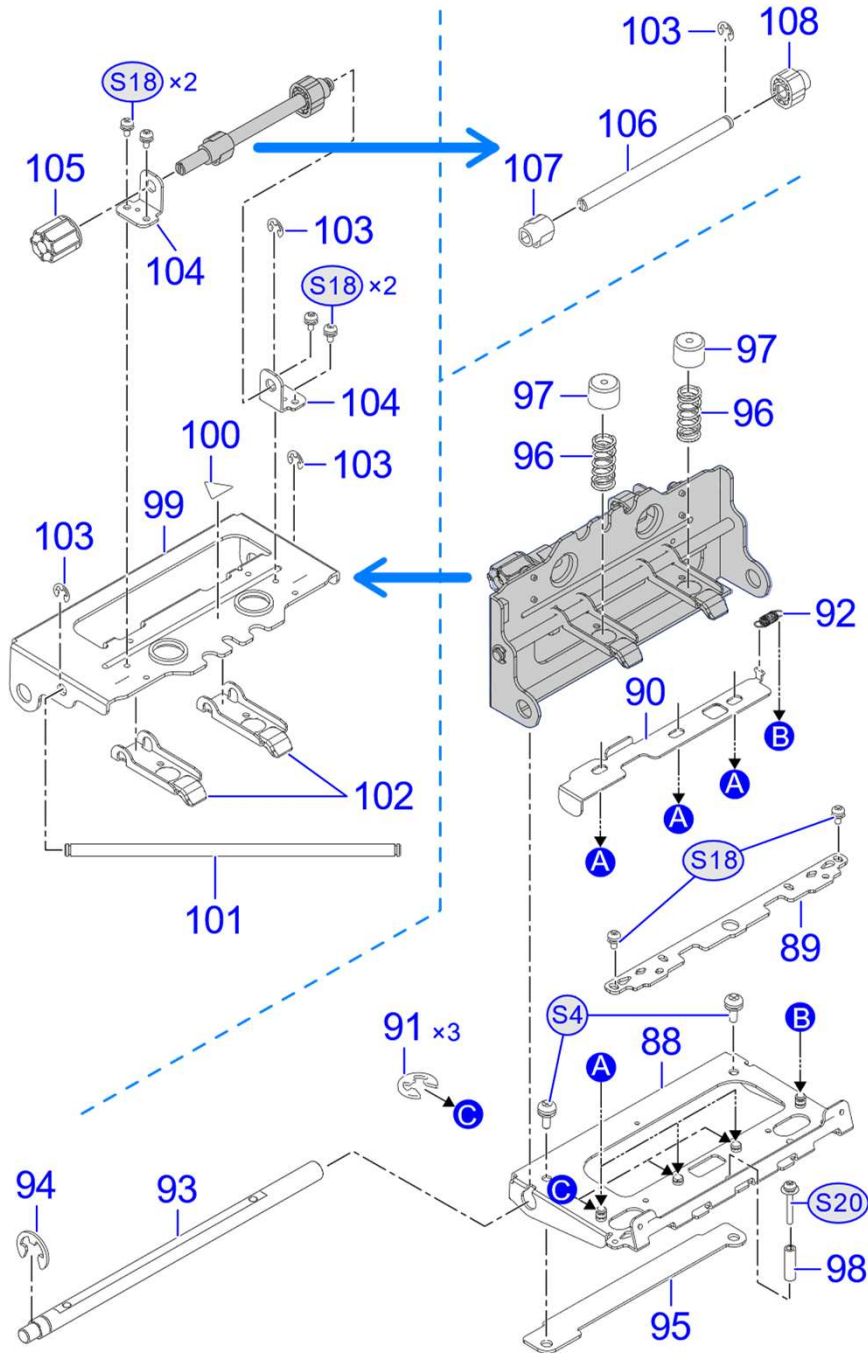
*1: Recommended Spare parts

[illegible]

NOTE

***1: Recommended Spare parts**

HEAD ASSY

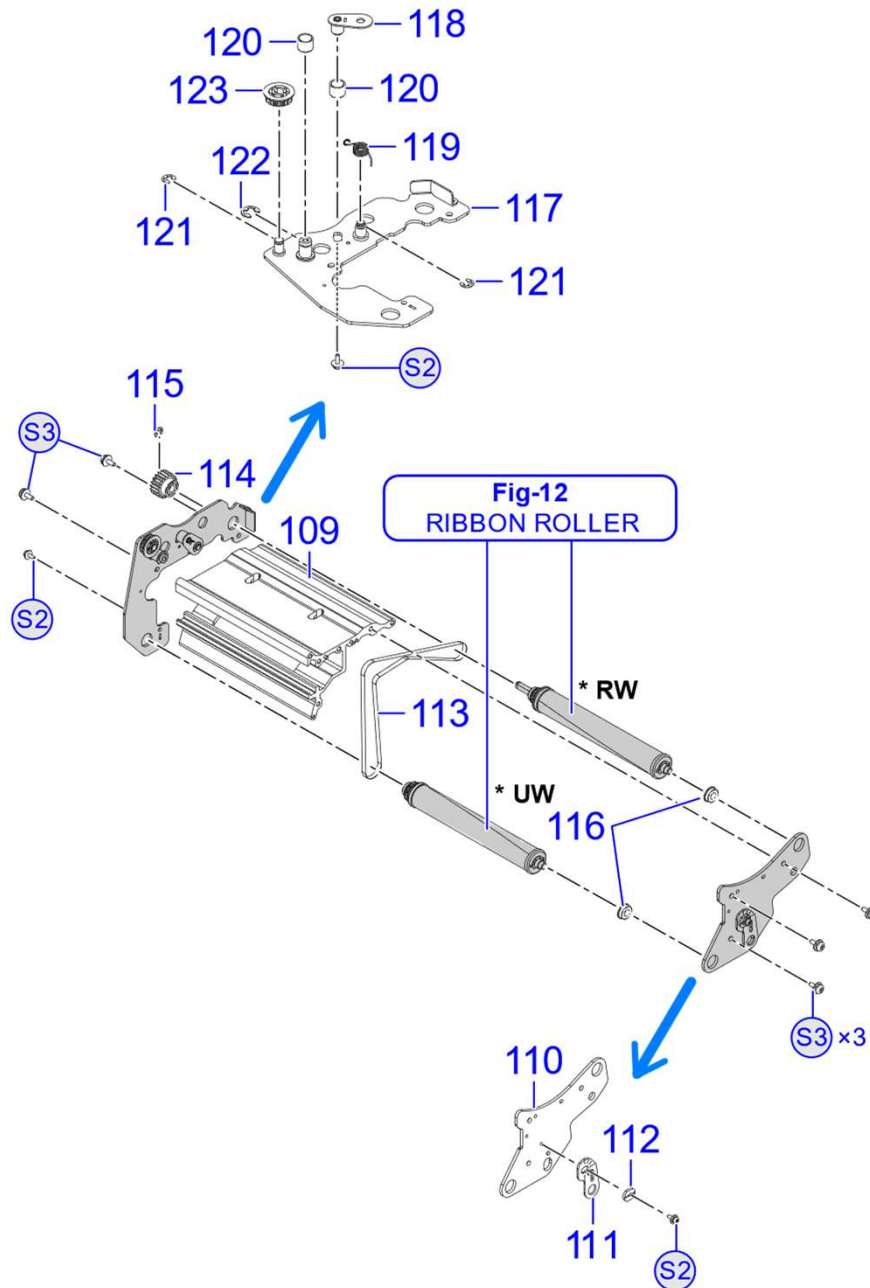
[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
88	R41157101	HEAD BR(4)SET	
89	P64095900	AJ PLATE(HEAD)(4)	
90	P64354300	RELEASE LEVER(4) LH	
91	ND0030030	E SNAP RING	
92	P17132010	SPRING(RELEASE)	
93	P63769901	SHAFT(HEAD)(4)	
94	ND0060030	E RING	
95	P63690001	SPACER(HEAD)(4)	
96	P17137000	SPRING(HEAD)	
97	P17118000	SPRING CAP	
98	P56626100	COLLAR(3.1*5*16.7)	
99	P17114020	HEAD TOP BR	
100	QC6524200	STICKER(CAUTION HOT)	
101	P17130000	SHAFT(ARM)	
102	P17532000	PRESSURE ARM	
103	ND0040022	E SNAP RING	
104	P17115010	PRESSURE BR A	
105	P17124100	KNOB(HEAD PRESSURE)	
106	P17121020	SHAFT(HEAD PRESSURE)	
107	P17122000	HEAD PRESSURE A	
108	P17123000	HEAD PRESSURE B	
S4	MD3401021	PAN HEAD SCREW+SW+WS	
S18	MD3300621	PAN HEAD SCREW+SW+WS	
S20	MD4302022	PAN HEAD SCREW+SW+WL	

NOTE

*1: Recommended Spare parts

STAY HEAD TT ASSY

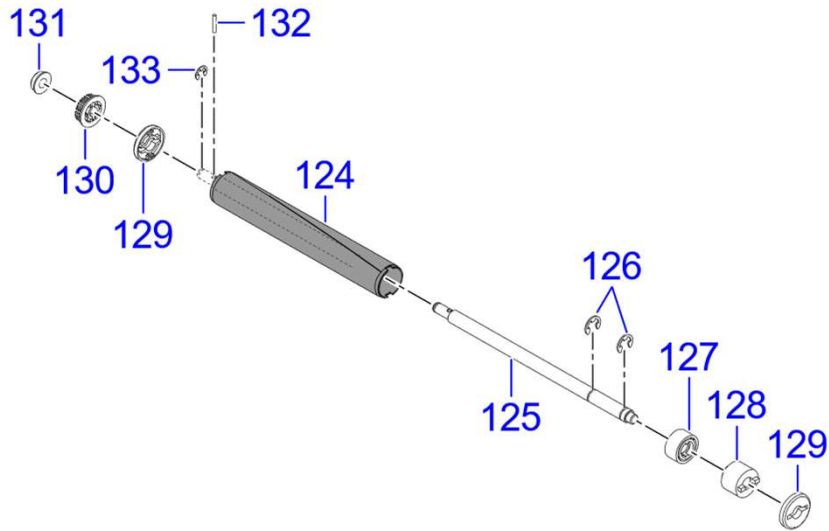
[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
109	R40597202	STAY HEAD(4)SET	
110	P63383903	SIDE PLATE LH	
111	P40906000	ADJUST PLATE	
112	PL2720100	ADJUST COLLAR	
113	P64171900	TIMING BELT (S2M 464)	
114	P23465000	ROLLER GEAR(RW)	
115	ND0040022	E SNAP RING	
116	P17891000	GRITRON SE	
117	R40211503	SUB BASE LH SET	
118	R08448000	TENSIONER BR(SUB)SET	
119	P17056010	SPRING(TENSIONER)	
120	P18887000	OILES BEARING	
121	ND0040022	E SNAP RING	
122	ND0060030	E RING	
123	P13911000	PULLEY(S2M 28)	
S2	MD4300822	PAN HEAD SCREW+SW+WL	
S3	MD4401028	PAN HEAD SCREW+SW+WL	
Fig-12		<u>RIBBON ROLLER</u>	

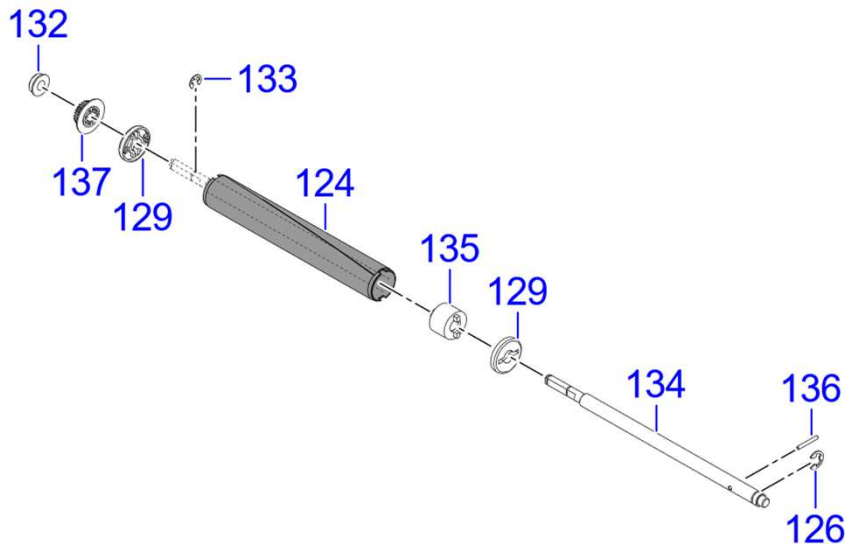
NOTE

*1: Recommended Spare parts

RIBBON ROLLER (UW) SUB ASSY



RIBBON ROLLER (RW) SUB ASSY



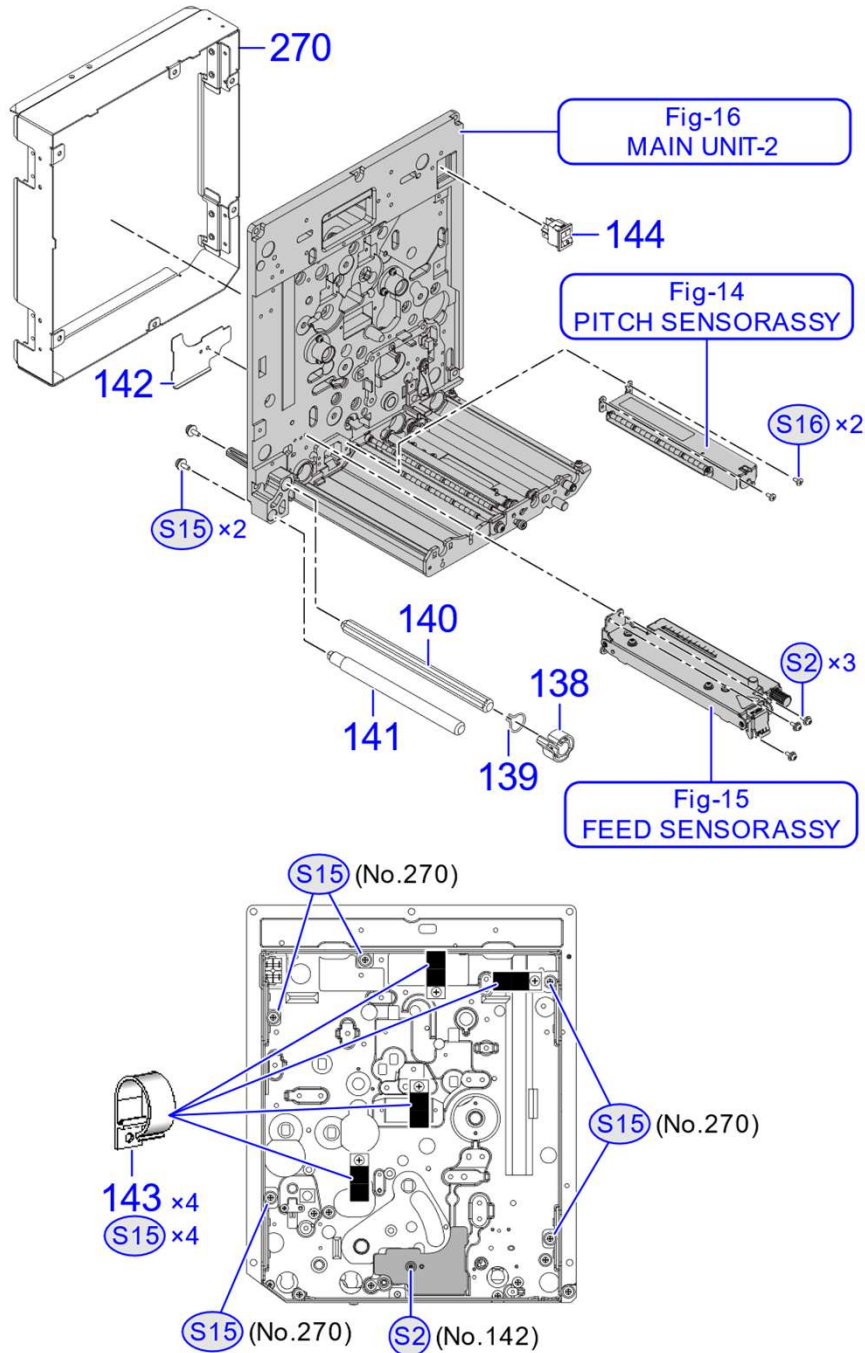
RIBBON ROLLER

[TOP](#)

No.	FIRST CODE	DESCRIPTION	NOTE
RIBBON ROLLER (UW) SUB ASSY			
124	R29229000	RIBBON ROLLER SET	
125	P63360502	SHAFT(ROLLER UW)(4)	
126	ND0060030	E RING	
127	P11461000	ONEWAY CLUTCH	
128	P19384000	TORQUE LIMITER	
129	P17044000	ROLLER BR	
130	P13911000	PULLEY(S2M 28)	
131	P17891000	GRITRON SE	
132	NG2201230	STRAIGHT PIN	
133	ND0040022	E SNAP RING	
RIBBON ROLLER (RW) SUB ASSY			
124	R29229000	RIBBON ROLLER SET	
126	ND0060030	E RING	
129	P17044000	ROLLER BR	
131	P17891000	GRITRON SE	
133	ND0040022	E SNAP RING	
134	P63366002	SHAFT(ROLLER RW)(4)	
135	P08554000	TORQUE LIMITER	
136	NG2201630	PARALLEL PIN	
137	P63366102	PULLEY(S2M 24)	

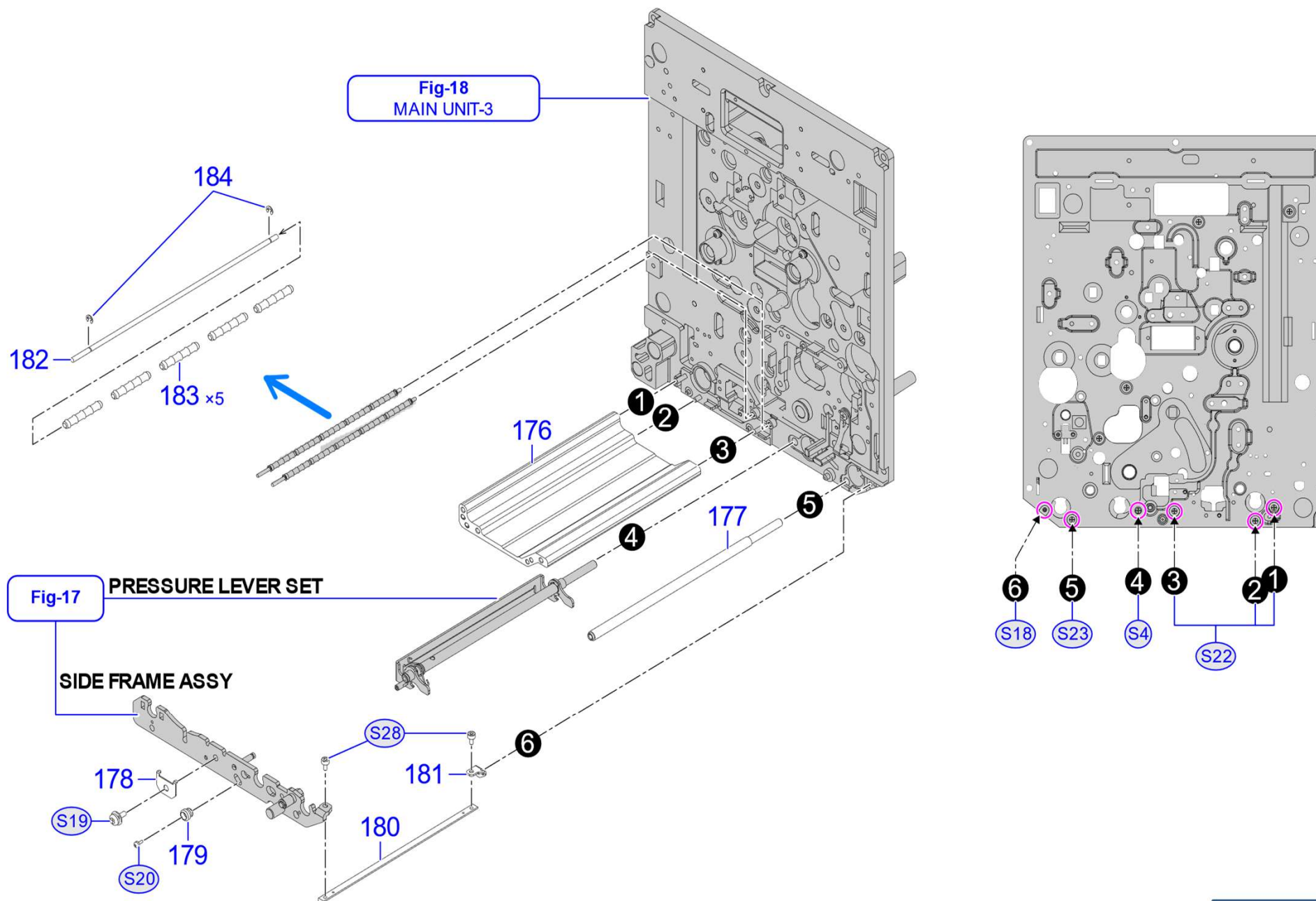
NOTE

*1: Recommended Spare parts

[illegible]

NOTE

***1: Recommended Spare parts**



Parts List

MAIN UNIT-2

[TOP](#)

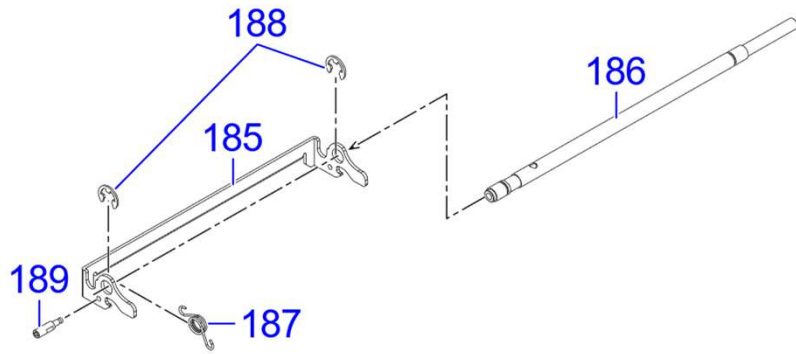
Drawing

No.	FIRST CODE	DESCRIPTION	NOTE
176	P13703000	STAY(FRAME)	
177	P13725000	ROLLER GUIDE	
178	P13802000	SHAFT(FEED)	
179	P15937100	KNOB(HEAD SLIDE)	
180	P53483000	DISPENSE BAR	
181	P17411010	DISPENSE GUIDE B(LH)	
182	P54279000	SHAFT(SUB ROLLER)	
183	PE1A20000	DEMAND ROLLER(B)	
184	ND0020030	E SNAP RING	
S4	MD3401021	PAN HEAD SCREW+SW+WS	
S18	MD3300621	PAN HEAD SCREW+SW+WS	
S19	MD4401028	PAN HEAD SCREW+SW+WL	
S20	MD3200622	PAN HEAD SCREW+SW+WS	
S22	MD3401422	PAN HEAD SCREW+SW+WS	
S23	MA0401022	PAN HEAD SCREW	
S28	MN0300624	HEX SOCKET HEAD CAP SCREW	
Fig-17		PRESSURE LEVER SET	
Fig-17		SIDE FRAME ASSY	
Fig-18		MAIN UNIT-3	

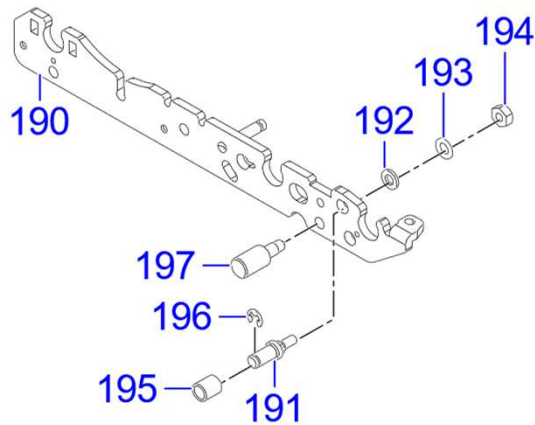
NOTE

*1: Recommended Spare parts

PRESSURE LEVER SET



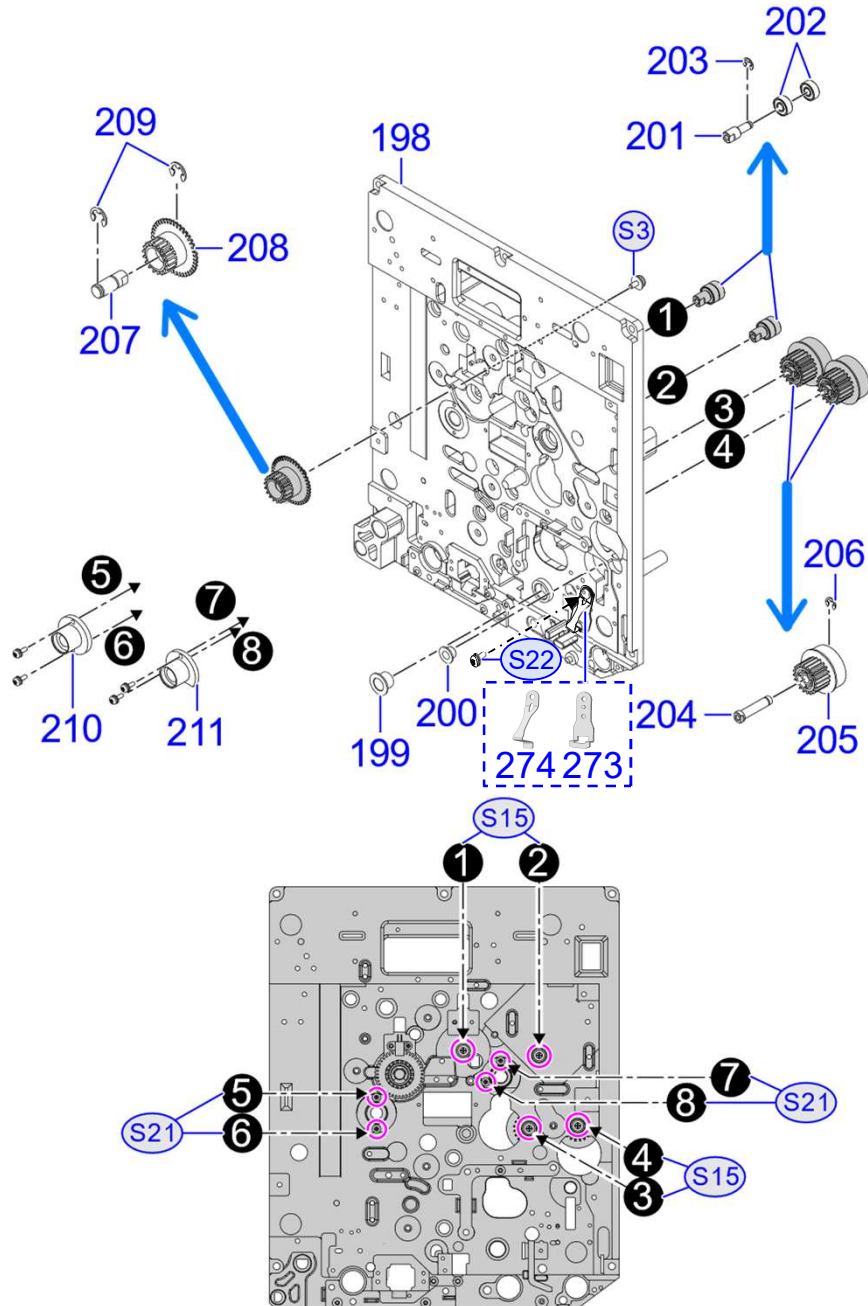
SIDE FRAME ASSY

[illegible]

NOTE

***1: Recommended Spare parts**

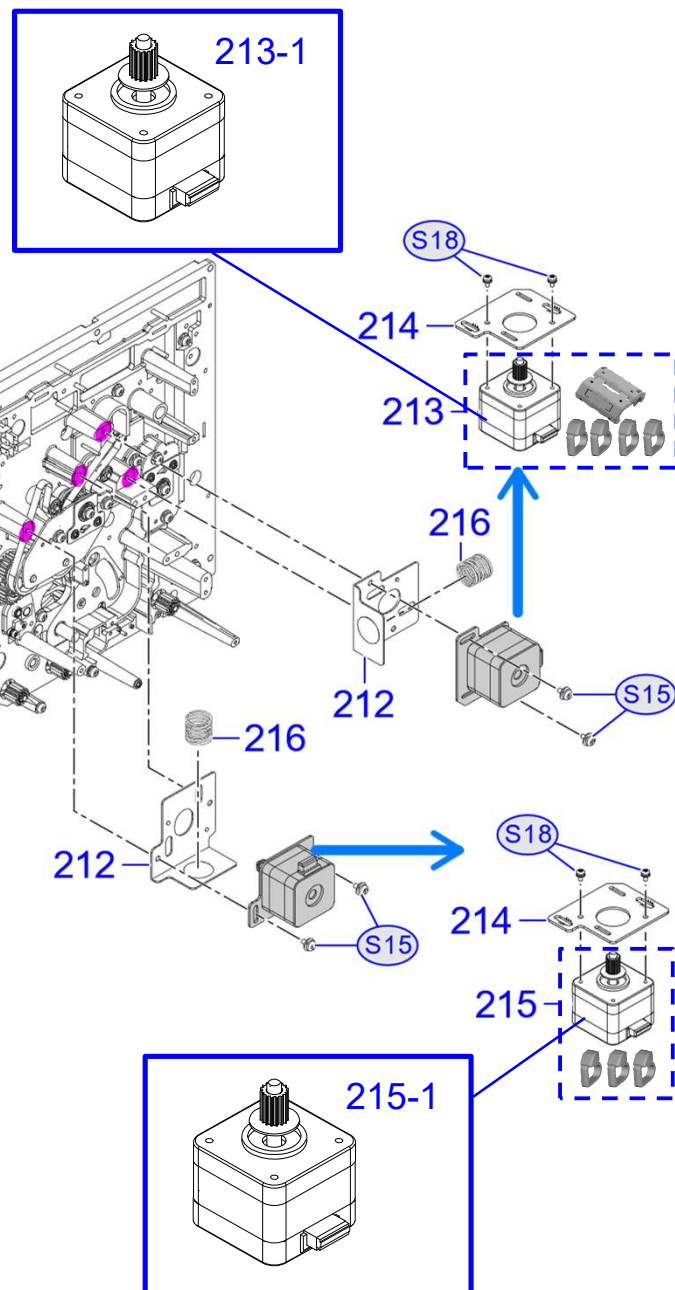
MAIN UNIT-3

[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
198	P13672047	ENGINE FRAME(LH)	
199	P24423000	FLANGE BUSH A	
200	P17470000	OILESS BEARING	
201	P44235000	SHAFT(TENSION ROLLER)	* TT Model
202	P42541000	BEARING	* TT Model
203	ND0030030	E SNAP RING	* TT Model
204	P13822000	SHAFT(GEAR PULLEY)	* TT Model
205	P13908000	GEAR PULLEY(20/48)	* TT Model
206	ND0040022	E SNAP RING	* TT Model
207	P13821000	SHAFT(SLIT GEAR)	* TT Model
208	P13907000	SLIT GEAR(18)	* TT Model
209	ND0060030	E RING	* TT Model
210	P18754000	SHAFT(BOSS GUIDE UW)	* TT Model
211	P18755000	SHAFT(BOSS GUIDE RW)	* TT Model
273	P65340003	SPRING BR	
274	P65674102	SPRING(SHIELD GASKET)	
S3	MD4401028	PAN HEAD SCREW+SW+WL	* TT Model
S15	MD4400822	PAN HEAD SCREW+SW+WL	* TT Model
S21	MD3300822	PAN HEAD SCREW+SW+WS	* TT Model
S22	MA2300622	BIND HEAD SCREW	

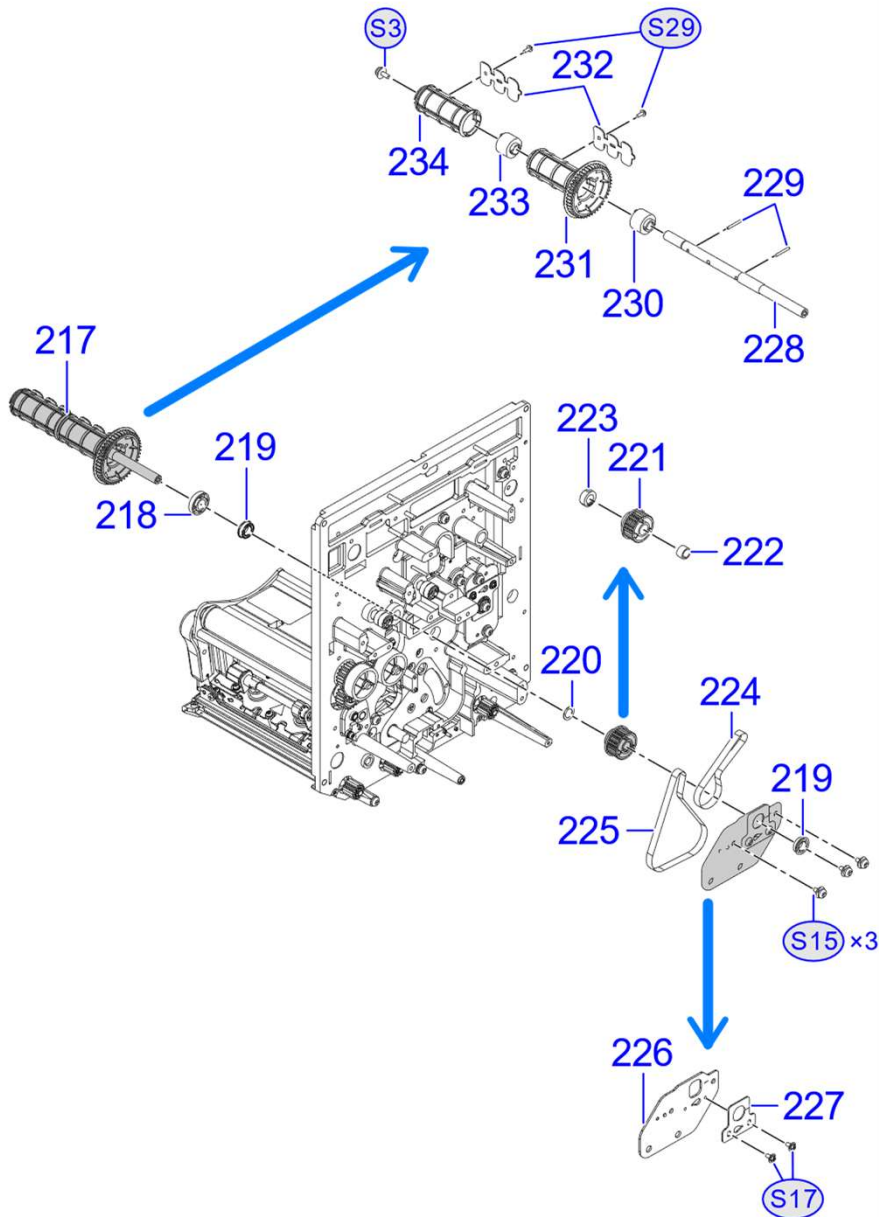
NOTE

*1: Recommended Spare parts

[illegible]

NOTE ***1: Recommended Spare parts**

RW RIBBON UNIT

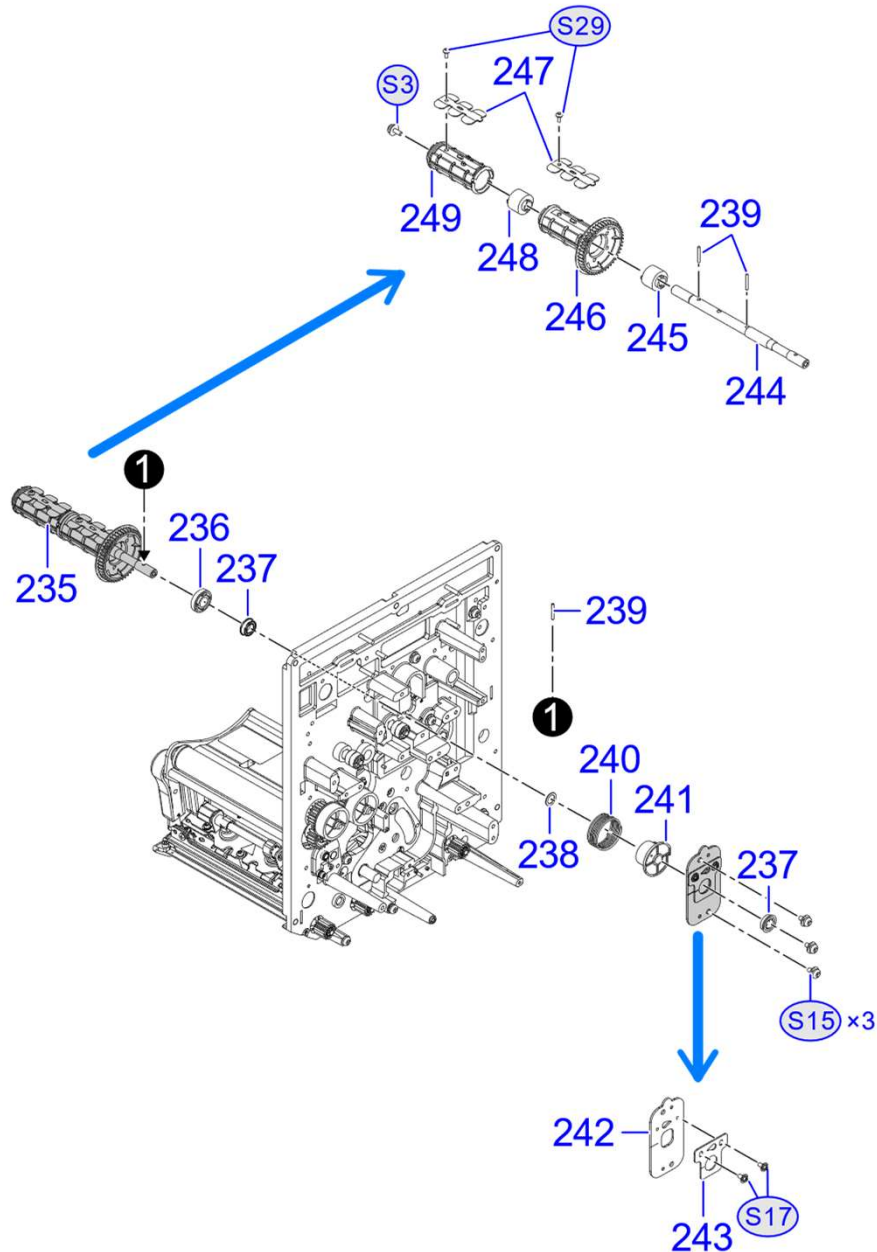
[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
217	R42347500	RIBBON BOSS(RW)(4)S/A	
218	P17947000	COLLAR(BOSS)	
219	PT1114080	BALL BEARING	
220	PT9740300	POLY SLIDER	
221	P13909000	PULLEY(S2M 40)	
222	P18044000	ONE WAY CLUTCH	
223	P20916000	DRY METAL	
224	P17886000	TIMING BELT	
225	PU3256060	TIMING BELT	
226	P17021000	PULLEY FRAME	
227	P17737000	BEARING HOLDER	
228	P17946010	SHAFT(BOSS RW)	
229	NG2201630	PARALLEL PIN	
230	P08554000	TORQUE LIMITER	
231	P17049010	RIBBON BOSS(GEAR)	
232	P17016000	BOSS SPRING	
233	P12267000	TORQUE LIMITER	
234	P17050010	RIBBON BOSS	
S3	MD4401028	PAN HEAD SCREW+SW+WL	
S15	MD4400822	PAN HEAD SCREW+SW+WL	
S17	P56159700	TP SCREW	
S29	MH0300522	PAN HEAD P TIGHT SCREW	

NOTE

*1: Recommended Spare parts

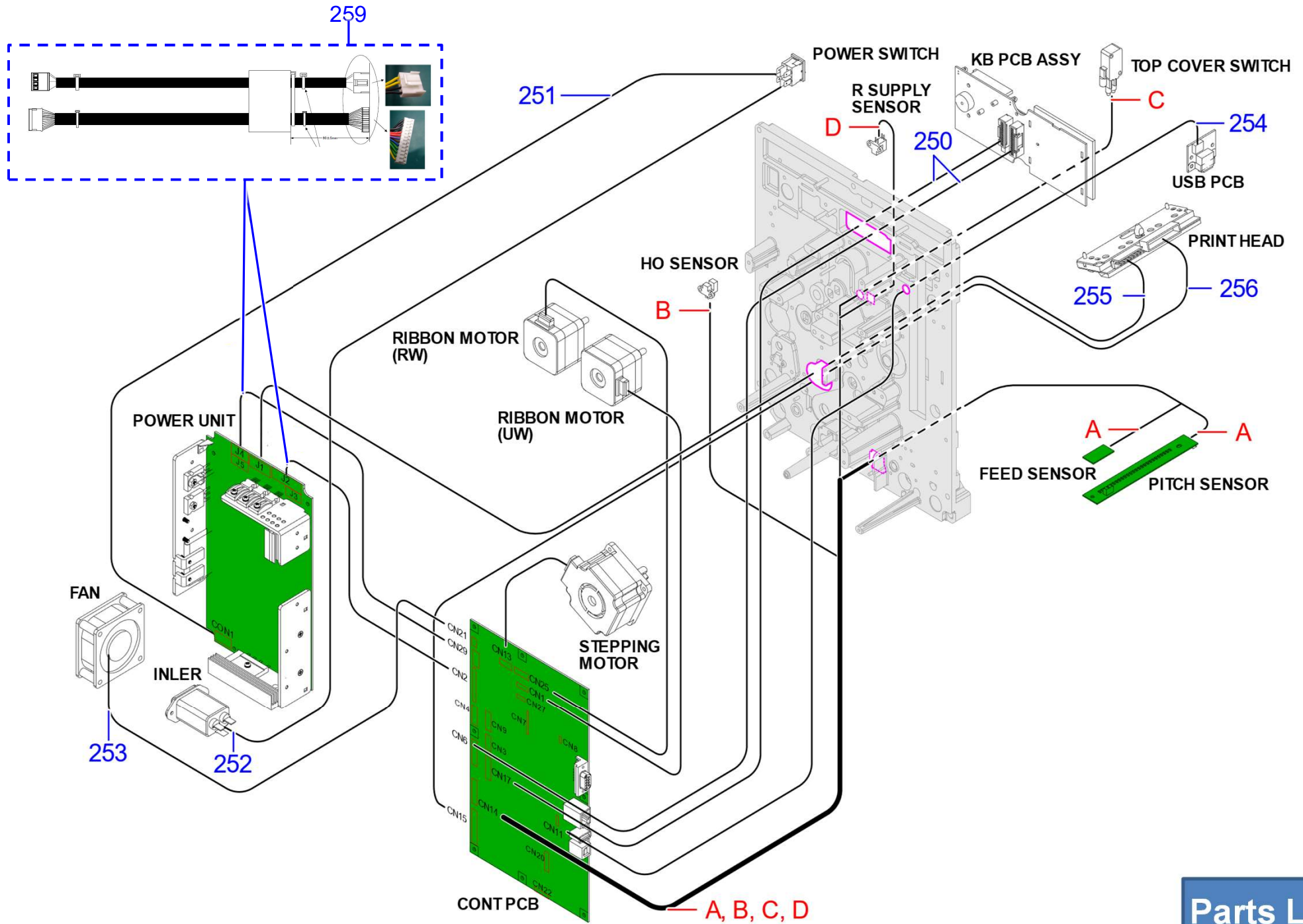
UW RIBBON UNIT

[TOP](#)


No.	FIRST CODE	DESCRIPTION	NOTE
235	R42347601	RIBBON BOSS(UW)(4)S/A	
236	P17947000	COLLAR(BOSS)	
237	PT1114080	BALL BEARING	
238	PT9740300	POLY SLIDER	
239	NG2201630	PARALLEL PIN	
240	P17059010	SPRING(BACK)	
241	P17039000	BF STOPPER	
242	P17950000	PLATE(RIBBON UW)	
243	P17737000	BEARING HOLDER	
239	NG2201630	PARALLEL PIN	
244	P17945010	SHAFT(BOSS UW)	
245	P08554000	TORQUE LIMITER	
246	P17049010	RIBBON BOSS(GEAR)	
247	P17016000	BOSS SPRING	
248	P12267000	TORQUE LIMITER	
249	P17050010	RIBBON BOSS	
S3	MD4401028	PAN HEAD SCREW+SW+WL	
S15	MD4400822	PAN HEAD SCREW+SW+WL	
S17	P56159700	TP SCREW	
S29	MH0300522	PAN HEAD P TIGHT SCREW	

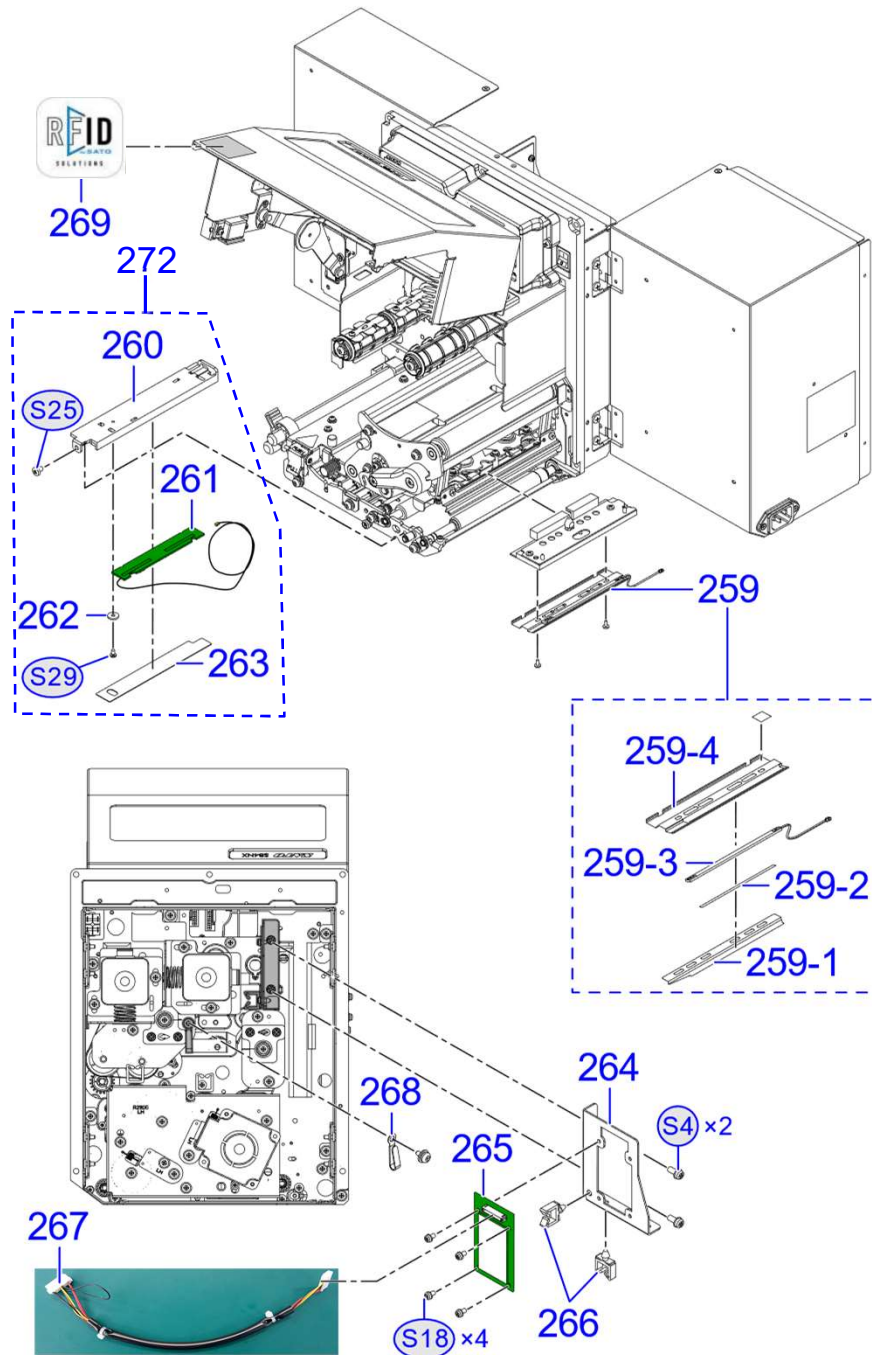
NOTE

*1: Recommended Spare parts



[illegible]

Drawing



RFID KIT (Option)

[TOP](#)

No.	FIRST CODE	DESCRIPTION	NOTE
259	R45261100	UHF SHORT ASSY (LH)	
259-1	P56378800	RFID HEAD COVER SHEET (LH)	
259-2	P55842000	BOTH SIDES TAPE	
259-3	R29835000	UHF(SHORT)ANTENNA-SUB ASSY-LF	*1
259-4	P56379000	RFID HEAD COVER (LH)	
272	R32528400	UHF STANDARD ASSY (LH)	
260	P56173104	ANTENNA HOLDER (LH)	
261	R30063000	Coupler_V12_UHF SUB ASSY-LF	*1
262	P56406500	WASHER(POM BLACK)	
263	P56311000	ANTENNA SHEET	
264	P56312300	RFID MODULE BR	
265	R29832000	RFID-I/F PCB-SET	*1
266	P11523000	WIRE SADDLE	
267	R40888000	S84NX RFID CABLE SET-LF	
268	P56472300	STEAL CLAMP	
269	Q05632500	SATO RFID SOLUTIONS STICKER	
S4	MD3401021	PAN HEAD SCREW+SW+WS	
S18	MD3300621	PAN HEAD SCREW+SW+WS	
S25	MA2400628	BIND HEAD SCREW	
S29	MH0300522	PAN HEAD P TIGHT SCREW	

NOTE

*1: Recommended Spare parts