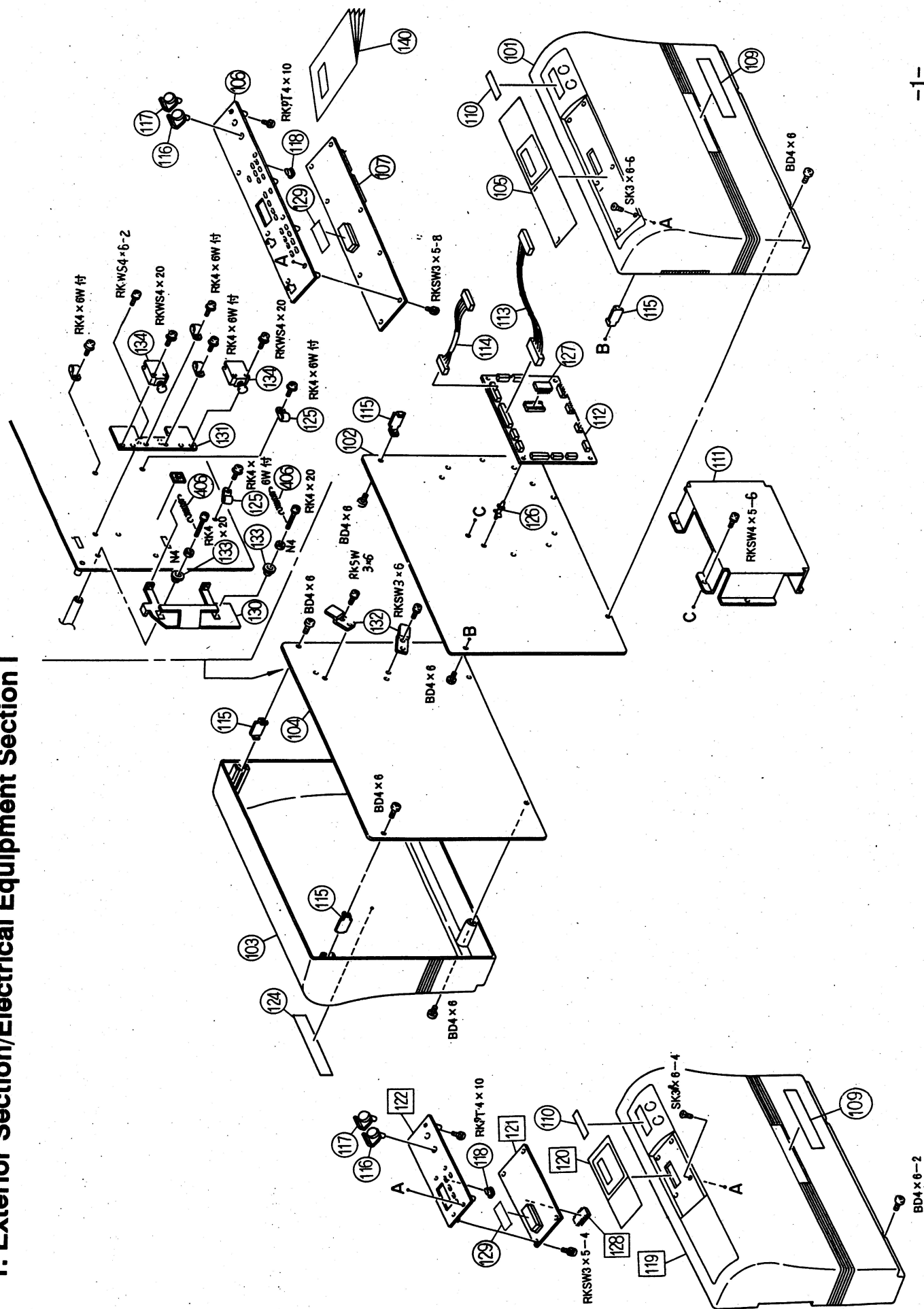


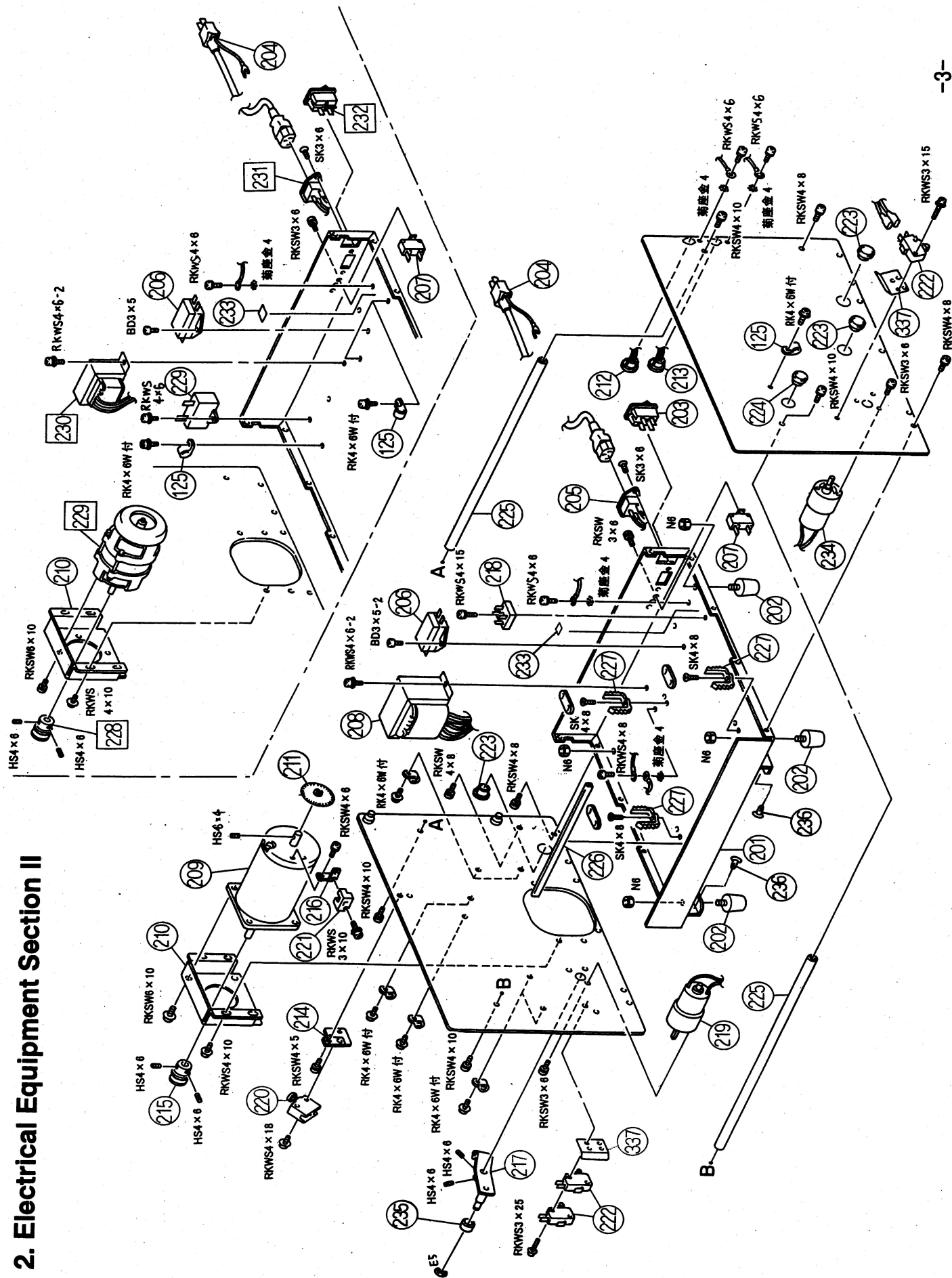
1. Exterior Section/Electrical Equipment Section I



1. Exterior Section/Electrical Equipment Section I

[illegible]

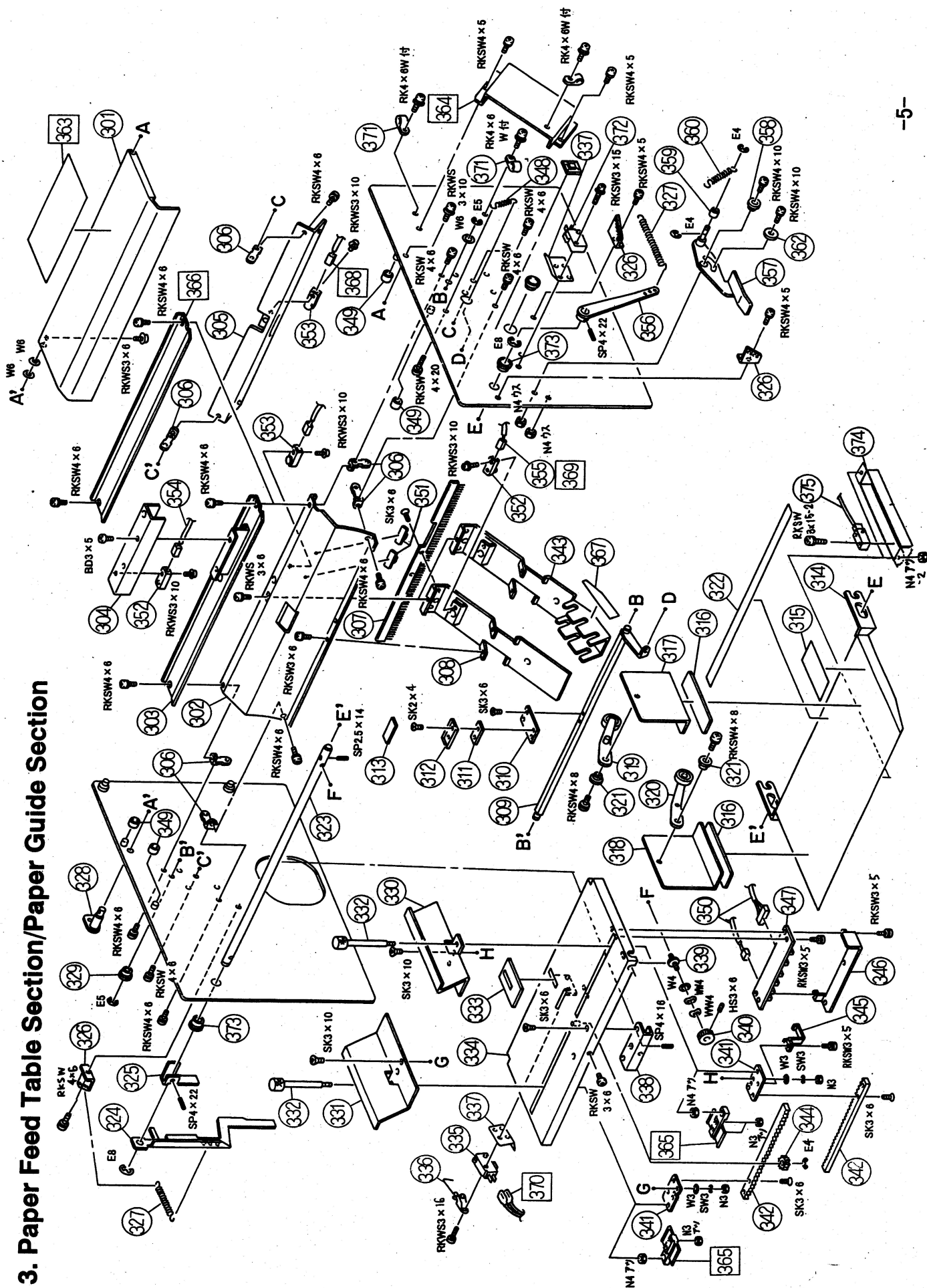
2. Electrical Equipment Section II



2. Electric Equipment Section II

[illegible]

3. Paper Feed Table Section/Paper Guide Section



3. Paper Feed Table Section/Paper Guide Section

Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks	Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks
301	260501	Safety cover	1	1	1	1	1		325	260255	Table lever angle	1					
302	260241	Lower paper guide A'ssy	1	1					326	20075	Spring hook	1	2	2	2	2	
	260236	Lower paper guide A'ssy			1	1	1		327	20076	Table SP	1	1	1	1	1	
303	260244	Upper paper A'ssy	1	1					328	260544	Cover switch lever A'ssy	1	1	1	1	1	
304	260247	Paper feed photo cover	1	1					329	20040	? 6 metal	1	1	1	1	1	
305	260301	Photo sensor mounting tray	1	1	1	1	1		330	260215	Paper guide (right) A'ssy	1	1	1	1	1	
306	20222	Guide mounting angle A	6	6	6	6	6		331	260216	Paper guide (left) A'ssy	1	1	1	1	1	
307	260127	Static eliminator bar	1	1	1	1	1		332	260258	Paper guide knob	2	2	2	2	2	
308	260305	Upper paper ejection guide	1						333	20099	Brake rubber	1	1	1	1	1	
309A	260627	Separator shaft A'ssy	1	1	1	1	1	309-313	334A	260630	Paper feed table A'ssy	1	1				330-342,344-347
309	260237	Separator shaft	1	1	1	1	1		260631		Paper feed table A'ssy		1	1	1	1	330-340,365
310	20039	Separator holder	1	1	1	1	1		334	260208	Paper feed table	1					
311	70106	Separator spacer	1	1	1	1	1		260837		Paper feed table		1	1	1	1	
312	70105	Separator holder	1	1	1	1	1		335	20444	Microswitch	1	1	1	1	1	
313	70604	Paper separator	1	1	1	1	1		336	20426	Actuator	1	1	1	1	1	
314A	260628	Auxiliary table A'ssy	1	1	1	1	1		337	250155	Microswitch insulating plate	2	2	2	2	2	
	260629	Auxiliary table A'ssy for U.S.A.	1	1				314,315,322,374,375	338	260213	Paper feed table tray	1	1	1	1	1	
314	260226	Auxiliary table	1	1	1	1	1		339	20071	Paper feed slant adjuster	1	1	1	1	1	
	260262	Auxiliary table A'ssy for U.S.A.	1	1	1	1	1	for U.S.A.	340	20100	Slant adjustmen knob	1	1	1	1	1	
315	260261	Slant adjustment plate	1	1	1	1	1		341	260250	Rack holder	2	2				
316	20105	Rubber magnet	2	2	2				342	260251	Rack	2	2				
317A	20843	Auxiliary paper guide A'ssy	1	1	1			316,317,319,321	343	260304	Guide U paper ejection		1	1	1	1	
317	20103	Auxiliary paper guide (R)	1	1	1				344	260212	Paper guide slide guide gear	1	1				
318A	20844	Auxiliary paper guide (L) A'ssy	1	1	1			316,318,320,321	345	260249	Photograph sensor lever	1	1				
318	20104	Auxiliary paper guide (L)	1	1	1				346	260214	Paper detection board cover	1	1				
319	20203	Paper holder lever (R) A'ssy	1	1	1				347	260705	Paper detection board A'ssy(mm)	1	1				for U.S.A.
320	20204	Paper holder lever (L) A'ssy	1	1	1				260706		Paper detection board A'ssy(inch)	1	1				
321	20034	F roller holder	2	2	2				348	20041	Separatr SP	1	1	1	1	1	
322	260257	A3 scale	1	1	1	1	1		349	220114	Stopper rubber	4	4	4	4	4	
	53018	Gauge for paper guide	1	1	1	1	1	for U.S.A.	260765		Paper detection board (mm) with harness	1					
323	260220	Paper feed table shaft	1						350	260765A	Paper detection board (mm) with harness		1				
	20069	Paper feed table shaft		1	1	1	1		260766		Paper detection board (inch) with harness		1				for U.S.A.
324	260221	Table lever	1						351	20433	Wire sticker	2	2	2	2	2	

3. Paper Feed Table Section/Paper Guide Section

Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks
352	260912	Paper feed luminous sensor	2	2	1	1	1	
353	260913	Paper feed light-intercepting sensor	2	2	1	1	1	
354	260752	Paper feed photo harness	1	1				
355	260753	Paper feed photo harness	1	1				
356	260254	Table lever A'ssy		1	1	1	1	
357A	260632	Paper feed table lever A'ssy		1	1	1	1	357-360,362
357	20077	Paper feed tavle lever		1	1	1	1	20078
358	215014	Table lever holder		1	1	1	1	
359	215015	Table lever roller		1	1	1	1	
360	20081	Paper feed table lever SP		1	1	1	1	
362	20080	Paper feed table lever holder		1	1	1	1	
363	260833	Separator identification plate			1			
364	260810	Wire stopper B			1	1	1	
365	260820	Guide			2	2	2	
366	20223	Upper paper guide A			1	1	1	
367	260527	Roller position indication		1	1	1	1	
	260548	Roller position indication		1	1	1	1	for U.S.A.
368	260926	Paper feed clutch harness A'ssy			1	1	1	
369	260927	Paper ejection photo sensor harness A'ssy			1	1	1	
370	260925	Paper micro harness A'ssy			1	1	1	
371	51062	Nylon clamp NK-4N	2	2				
372	100346	Micro switch		1				
373	20014	? 10 mental	2	2	2	2	2	
374	20189	Sensor cover	1	1	1	1	1	for U.S.A.
375	20442	Micro photo sensor KR1207	1	1	1	1	1	for U.S.A.

Drive Unit

This diagram illustrates the exploded view of a Drive Unit assembly. Key components and their assembly instructions include:

- Input Shaft Assembly:** Includes the input shaft (411), input gear (410), and input gear housing (417). The input gear is mounted on the input shaft with a pin (413).
- Intermediate Shaft Assembly:** Includes the intermediate shaft (415), intermediate gear (414), and intermediate gear housing (416). The intermediate gear is mounted on the intermediate shaft with a pin (413).
- Output Shaft Assembly:** Includes the output shaft (419), output gear (418), and output gear housing (417). The output gear is mounted on the output shaft with a pin (413).
- Internal Gears and Shafts:** Includes internal gears (410, 414, 418) and shafts (411, 415, 419) with various bearings (413, 414, 418) and seals (413, 414, 418).
- Housing and Mounting:** Includes the main housing (411), mounting brackets (417, 416, 415), and various fasteners (413, 414, 418).
- Assembly Instructions:**
 - Use the correct pin (413) for the input gear.
 - Use the correct pin (413) for the intermediate gear.
 - Use the correct pin (413) for the output gear.
 - Use the correct pin (413) for the internal gears.
 - Use the correct pin (413) for the output gear.

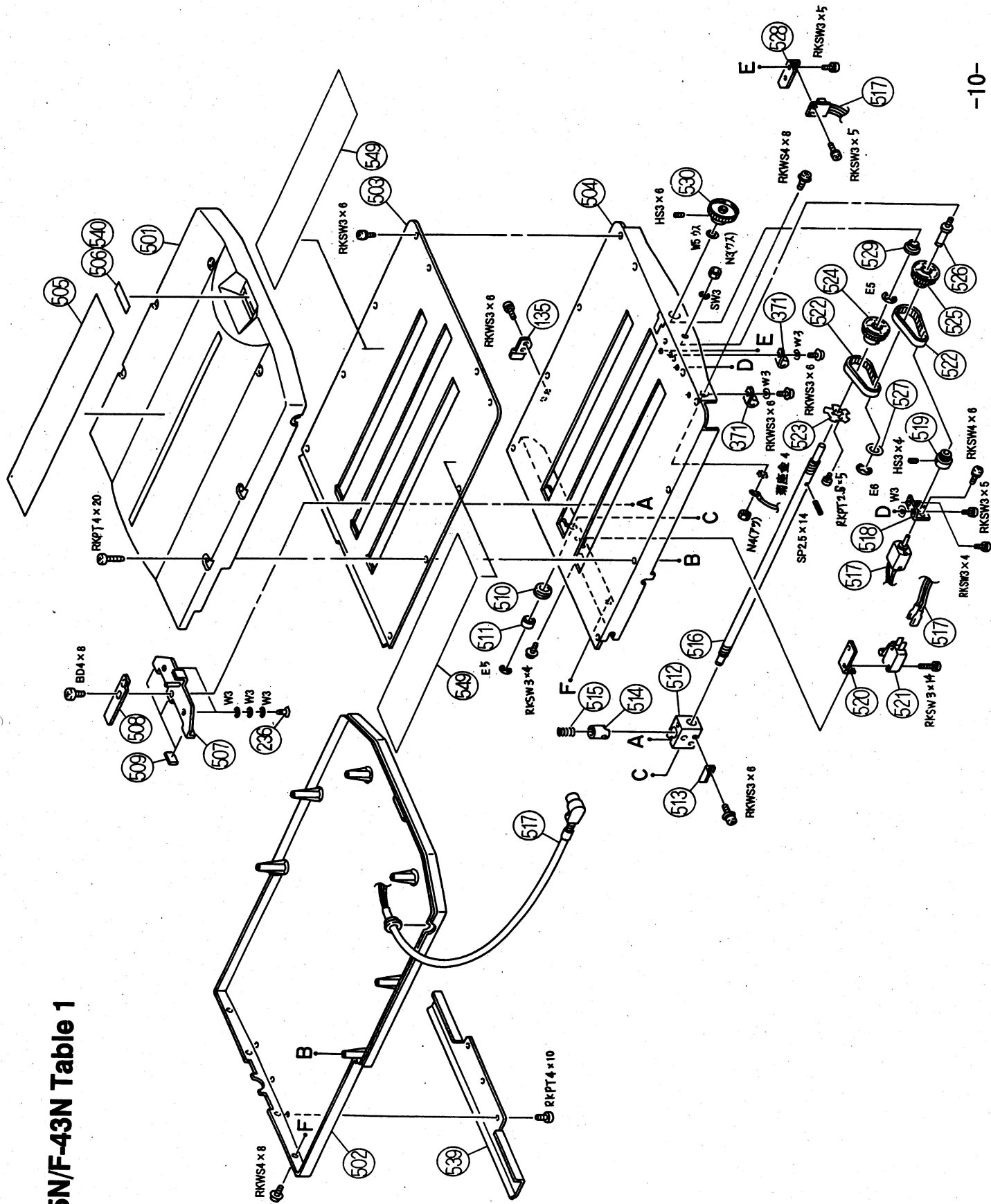
The diagram also shows the following parts and their specifications:

- Input shaft: 411
- Intermediate shaft: 415
- Output shaft: 419
- Input gear: 410
- Intermediate gear: 414
- Output gear: 418
- Internal gears: 410, 414, 418
- Shafts: 411, 415, 419
- Bearings: 413, 414, 418
- Seals: 413, 414, 418
- Housing: 411
- Mounting brackets: 417, 416, 415
- Fasteners: 413, 414, 418

4. Drive Unit

Fig. No.	Parts No.	Parts name	Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks
401	260109	Bearing holder	433	20523	V belt	4	4	4	4	4	
402	260110	Bearing strap	434	260203	Clutch bracket	2	2	2	2	2	
403	260108	Lift cam	435	260240	Clutch shaft	2	2	2	2	2	
404	260114	Lift cam spring lever	436	145414	Sintered metal B-F6-45	2	2	2	2	2	
405	20029	Holder roller SP	437	260105	Paper ejection pulley center	2	2	2	2	2	
406	260128	Lift return SP	438	20017	Paper ejection gear	2	2	2	2	2	
407	260131	F roller holder (R)	439	260115	Paper feed gear A'ssy	1	1	1	1	1	260116,260124,260201,
408	260132	F rolelr holder (L)				1	1	1	1	1	260202,20054 (2 pieces)
409	260111	Lift cam lever right	440	260133	Paper ejection table A'ssy	1	1	1	1	1	
410	260112	Lift cam lever left	441	260313	Paper ejection lower guide	1	1	1	1	1	
411	260130	cam lever sheet	442	260517	Rear cover	2	2	2	2	2	
412	260311	Paper ejection arm A'ssy	443	260518-1	Wire stopper	1	1				
413	260107	Holder roller	444	260309	Paper ejection roller lever	2	2	2	2	2	
414	260117	F roller	445	260318	Paper ejection table insulating plate	1	1	1	1	1	
415	260106	Center roller	446	20018	Speed reduction gear	1	1	1	1	1	
416	260119	Interceptor	447	20033	Interceptor plate	1	1	1	1	1	
417	260126	Interceptor spring	448	20023	Center roller pulley	2	2	2	2	2	
418	70608	Paper feed roller	449	20035	F roller SP	3	3	3	3	3	
419	260207	Auxiliary paper feed roller	450	260205	Paper feed gear	2	2	2	2	2	
420	70601	Paper feed rubber roller	451	145403	Paper feed clutch	1	1	1	1	1	
421	145234	Paper feed shaft SP collar	452	260103	Paper feed pulley center	2	2	2	2	2	
422	145233	Paper feed shaft SP	454	260711	Bearing with snap 6900ZNR	1	1	1	1	1	
423	145232	Paper feed bearing	455	260807	Separator OFF lever	1	1	1	1	1	
424	260239	Paper feed shaft	456	260805	Roller cover for single folding	1	1	1	1	1	
425	260306	Paper ejection shaft	457	146067	Shutter plate boss	1	1	1	1	1	
426	260320	Paper feed conveying belt	458	145417	Sintered metal B-F10-9	2	2	2	2	2	
427	260302	Lower paper ejection roller	459	260201	Idle pulley for papper feed	4	4	4	4	4	
428	20020	Lower paper ejection roller	460	20014	? 10 metal	1	1	1	1	1	20052,20054 (2 pieces)
429	260307	Roller moving shaft	125	80731	Nylon clamp NK-7N	1	1	1	1	1	
430	260308	Paper ejection roller holder	236	67034	Canoe clip	1	1	1	1	1	
431A	260633	Paper ejection U roller shaft A'ssy	306	20222	Guide fitting angle A	1	1	1	1	1	
431	260303	Paper ejection U roller shaft	371	51002	Nylon clamp NK-4N	1	1	1	1	1	
432	20117	Paper ejection roller				2	2	2	2	2	

5. F-45N/F-43N Table 1

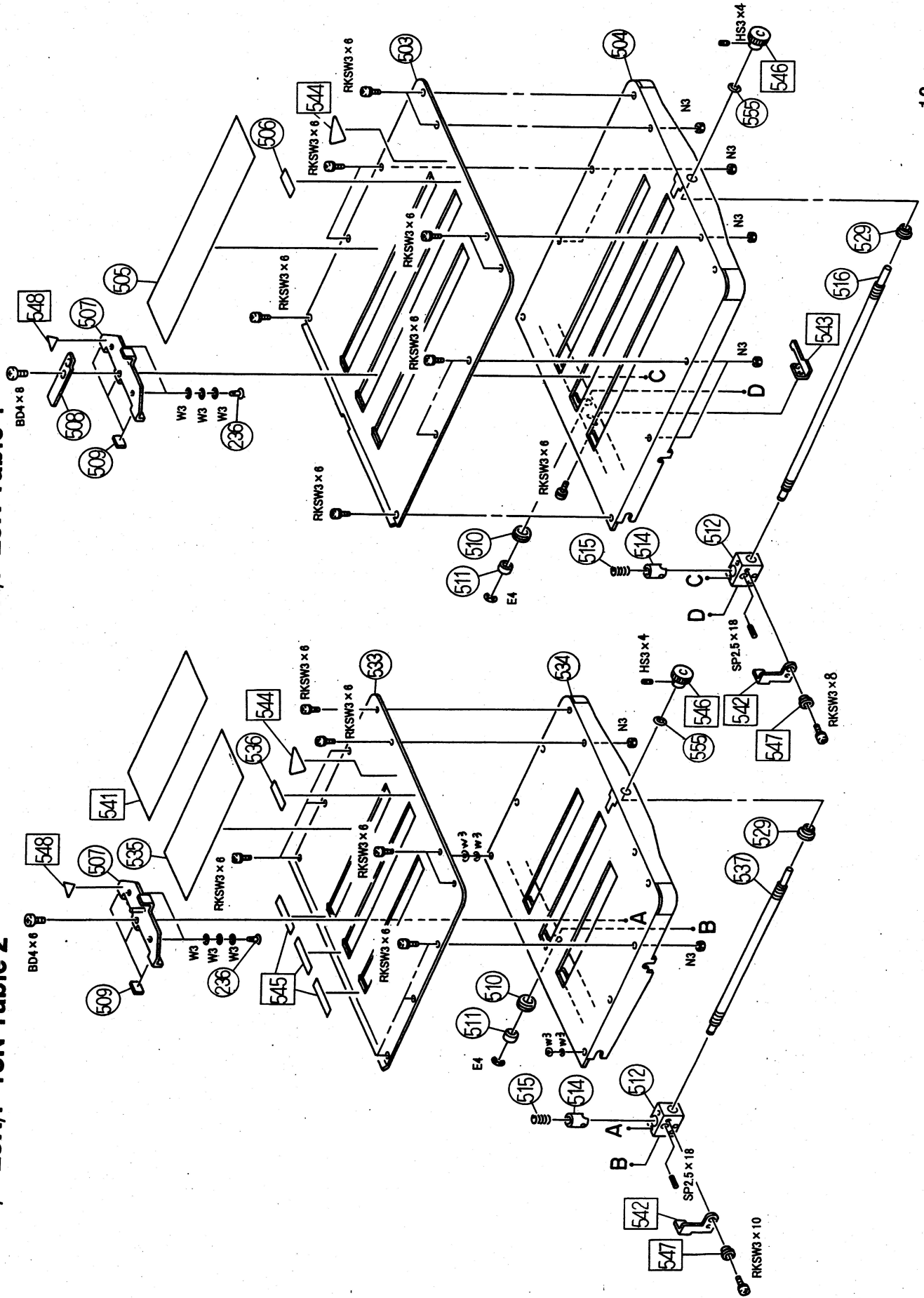


5. Table 1 and 2 Section

Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks	Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks
501A	260635	Table 1 A'ssy	1	1				501-505,507-530, 539,540,549,371	514	20139	Half nut	2	2	2	1	2	
	260636	Table 2 A'ssy (for U.S.A.)	1	1				501-505,507-530, 539,540,549,371	515	20149	Halfnut SP	2	2	2	1	2	
								501-505,507-530, 539,540,549,371	516	260406	Table 1 screw	1	1	1		1	
								503-505,507-512, 514-516,529,540,	517A	260648	Table 1 photo board harnessA'ssy	1	1				517-519
								503-505,507-512, 514-516,529,540,	517	260760	Table 1 photo board harness	1	1				
260638		Table 1 A'ssy			1		1	514-516,529,540, 542,544,546-549	518	260409	Screw-operating motor mounting plate	2	2				
								503-505,507-512, 514-516,529,540,	519	260417	Motor pulley	2	2				
260639		Table 1 A'ssy (for U.S.A.)			1		1	503-505,507-512, 514-516,529,540,	520	260423	Stopper original position LS tray	2	2				
								503-505,507-512, 514-516,529,540,	521	20425	Lead micro switch	2	2				
								503-505,507-512, 514-516,529,540,	522	260418	Timing belt	4	4				
501	260429	Table 1 cover (upper)	1	1					523	260412	Stopper shatter	2	2				
502	260430	Table 1 cover (bottom)	1	1					524	260411	Stopper screw gear	2	2				
503	260401	Table 1 (upper)	1	1	1		1	for U.S.A.	525	260415	Idler pulley	2	2			2	
504	260402	Lower table 1	1	1					526	260414	Idelr center	2	2				
	260816	Lower table 1			1		1		527	260416	Idler puller washer	2	2				
505	260434	Table 1 folding position gauge	1	1	1		1		528	260420	Stopper board mounting plate	2	2				
	260449	Inch size 1 folding gauge	1	1	1	1	1		529	260408	Screw bearing	2	2	2	1	2	
506	260445	Fine adjustment knob display 1	1	1	1		1		530	260428	Table fine adjustment knob (large)	2	2				
507A	260641	Table 1 stopper A'ssy	1	1				507-509,549	531A	260650	Table 2 A'ssy	1	1				507,509-515,518-535, 537,538,540,549,371
	260642	Table 2 stopper A'ssy	1	1				507,509,549									507,509-515,518-535, 537,538,540,549,371
	260643	1table stopper A'ssy			1		1	507-509,548,549		260651	Table2 A'ssy?(for U.S.A.)	1	1				507,509-515,518-535, 537,538,540,549,371
	260644	2table stopper A'ssy			1		1	507,509,548,549									507,509-512,514,515, 529,533-535,537,540,
507	260424	Stopper plate	2	2				260426		260653	Table 2 A'ssy			1		1	529,533-535,537,540, 542,544-549
	260424	Stopper plate			2		2										507,509-512,514,515, 529,533-535,537,540,
508	260425	Push plate	1	1	1		1										542,544-549
509	260436	Stopper cushion rubber	6	6	6	3	6										507,509-512,514,515, 529,533-535,537,540,
510	20431	Glomet bush	2	2	2	1	2			260654	Table 2 A'ssy(for U.S.A.)			1		1	542,544-549
511	20079	Guide push	2	2	2	1	2										
512A	260645	Stopper slider A'ssy	2	2				512-515		260656	Table 2 A'ssy				1		507,509-512,514,515,529, 533-535,537,540-549
	260646	Stopper slider A'ssy			2	1	2	512,514,515,542,547									
512	260410	Stopper slider	2	2						260657	Table 2 A'ssy?(for U.S.A.)				1		507,509-512,514,515,529, 533-535,537,540-549
	260836	Stopper slider															
513	20148	Stopper doc	2	2	2	1	2		531	260431	Table 2 cover up	1	1				

5. F-30N/F-25N/F-15N Table 2

5. F-30N/F-25N Table 1



5. Table 1 and 2 Section

Fig. No.	Parts No.	Parts name	F45N	F43N	F30N	F15N	F25N	Remarks
532	260432	Lower table 2 cover	1	1				
533	260403	Upper table 2 cover	1	1	1	1	1	
534	260404	Lower table 2	1	1				
	260818	Lower table 2			1	1	1	
535	260435	Table 2 folding position gauge	1	1	1		1	
	260450	Inch size single folding gauge	1	1	1	1	1	for U.S.A.
536	260446	Fine adjustment knob display 2	1	1	1	1	1	
537	260407	Table 2 screw	1	1	1	1	1	
538A	260659	Table 2 photo board harness A'ssy	1	1				518,519,538
538	260761	Table 2 photo board harness	1	1				
539	260508	Roller cover	1	1				
540	260447	Fine adjustment knob indication for export	2	2	2	1	2	
541	260821	Table 2 folding position gauge				1		
542	260804	Halfnut lever		2	1	1	2	
543	260806	Table 1 stop plate				1		
544	100710	Hand caution label		2	1	1	2	
545	100707	Roller caution label		3	3	3	3	
546	260835	Fine adjustment knob		2	1	1	2	
547	260808	Halfnut lever collar		2	1	1	2	
548	20155	Fold position indication identification plate		2		1	2	
549	260452	Table 1 sheet	2	2				
550	260453	Table 2 sheet	2	2				
236	67034	Canoe clip	4	4	4	2	4	
371	51062	Nylon clump NK-4N	4	4				

6. Sewing Machine Table

Fig No.	Parts No.	Parts name	Qty	Remarks	Fig. No.	Parts No.	Parts name	Qty	Remarks
601	260955	Cutter slide angle	1		631	260958	Paper ejection guide plate	1	
602	260956	Sewing machine side plate (R)	1		632	55113	Guide	3	
603	260957	Sewing machine side plate (L)	1		633	53018	Gauge for paper guide	1	
604	260966	Slide angle return SP (R)	1		634	260972	Wrench bar 212-2J	1	
605	260967	Slide angle return SP (L)	1		635	260973	Caution label	1	
606	260952	Sewing machine table	1						
607	260959	Upper paper ejection guide	1						
608	20999	Static eliminating bar	2						
609	260961	Drive roller	2						
610	260965	Cutter base shaft	1		640	260970	Cutter cover	1	
611	260964	Cutter base roller	2						
612	260969	Ejected paper holder shaft	1						
613	260968	Ejected paper holder fixing angle	1						
614	20996	Paper ejection guide	1						
615	20978	Screw with knob	3						
616A	260660	Cutter holder A'ssy	2	616-623					
	260661	Cutter holder A'ssy (for U.S.A.)	1	616-623,640					
616	260954	Cutter holder	2						
617	145120	Tension SP scale	4						
618	145117	Bearing A	4						
619	20338	Knob	2						
620	20340	Washer for sewing machine cutter	2						
621	20339	Perforations wheel cutter (4mm)	1						
	20355	Perforations wheel cutter (2mm)	1						
622	260963	Cutter shaft holder roller	2	20353 2 pieces					
623	260962	Cutter roller shaft	2						
624	260960	Paper ejection table	1						
626	20993	Paper ejection guide PP	2						
627	20991	Paper ejection guide left	1						
628	20992	Paper ejection guide right	1						
629	20101	A3 scale	1						
630	20995	Paper ejection trai PP	1						