

# PARTS LIST

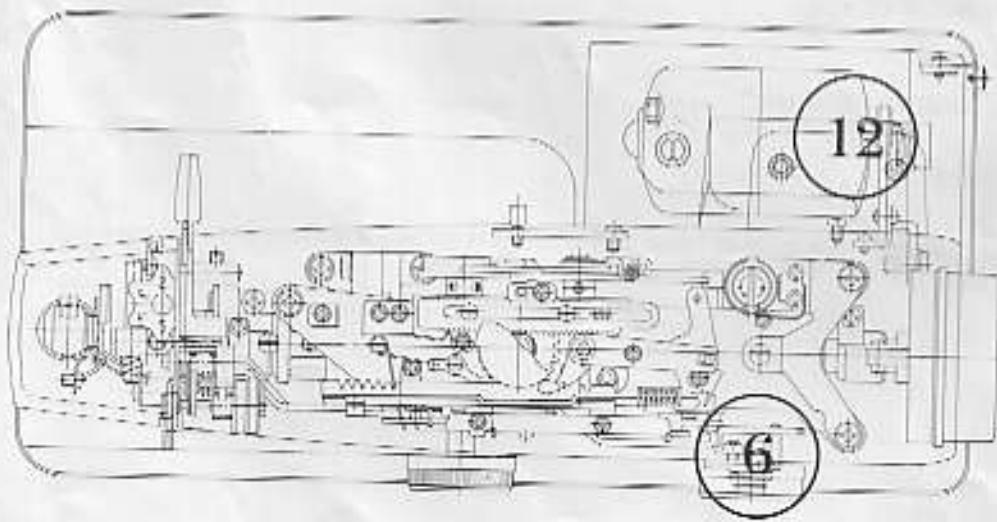
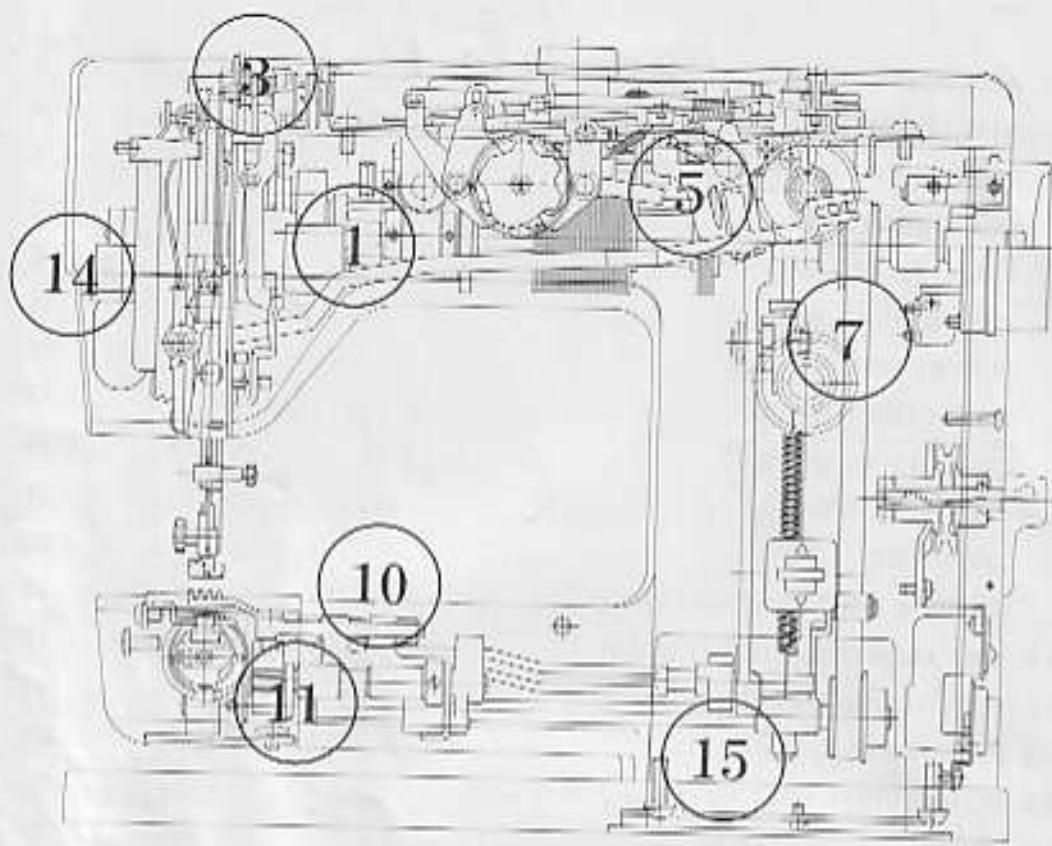
Riccar  
ELECTRONIC MODEL 808E / 806 - DIFF. PT. CNTL  
500PA

RTBCK

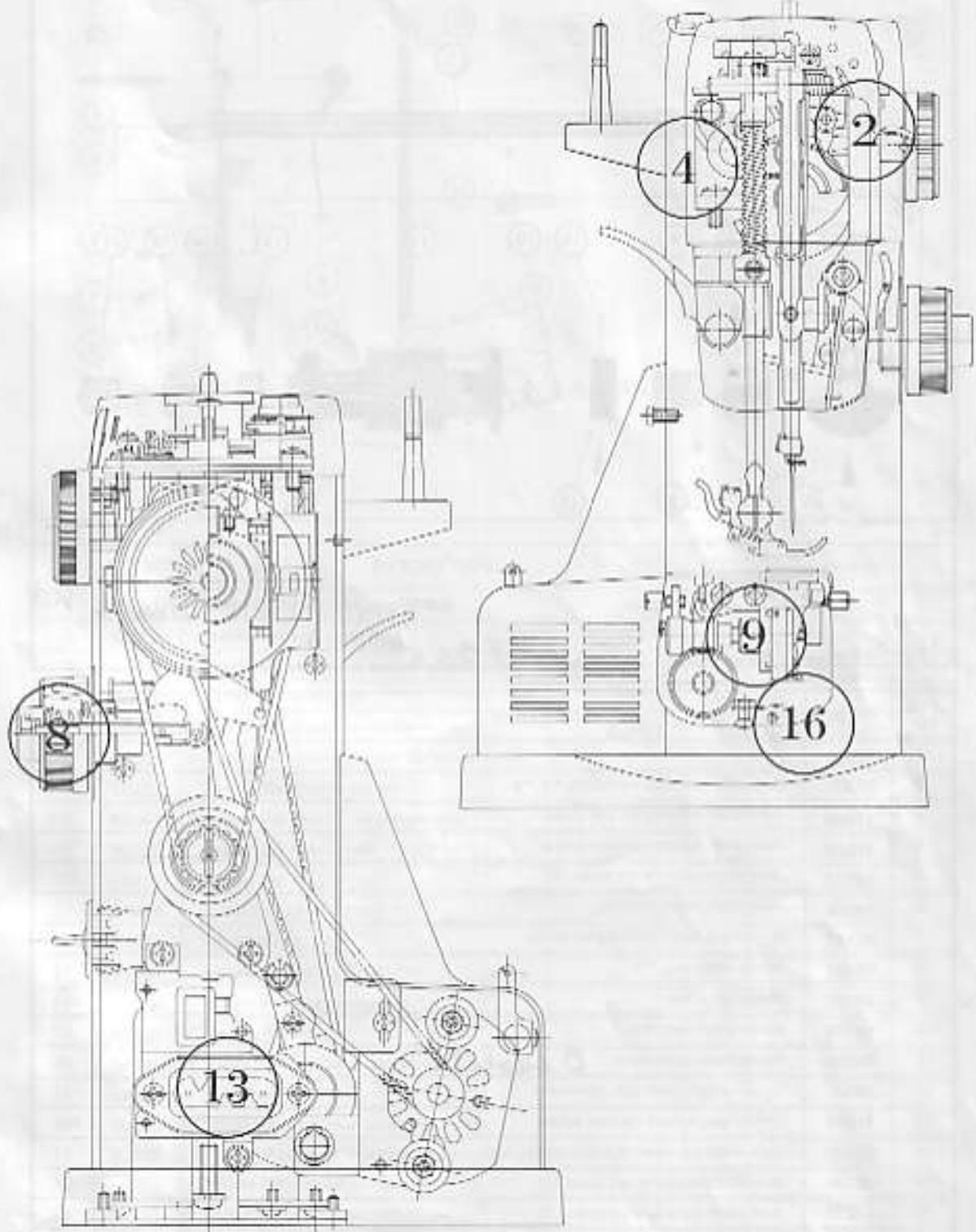
## CONTENTS

	<i>cam stack</i>	Page
1. ARM SHAFT .....		3
2. NEEDLE BAR & THREAD TAKE-UP LEVER.....		4
3. PRESSER BAR & DIAL TENSION .....		5
4. WORM GEAR HOLDER .....		7
5. CAM CONTACT BOX .....		8
6. ZIGZAG WIDTH DIAL.....		15
7. FORKED ROD .....		16
8. STITCH LENGTH DIAL.....		17
9. OSCILLATING SHAFT .....		19
10. FEED ROCK SHAFT .....		21
11. DROP FEED .....		22
12. MOTOR & FOOT CONTROLLER .....		23
13-1. SPEED CONTROL CIRCUIT BOARD .....		25
13-2. POWER CORD & RECEPTACLE .....		27
14-1. FACE PLATE .....		29
14-2. MOTOR DRIVE BELT COVER.....		30
14-3. MOTOR HOUSING COVER .....		31
14-4. SPOOL PIN .....		32
15. ARM COVER .....		33
16-1. HOOK COVER .....		34
16-2. BASE .....		35
16-3. SNAP-ON SEWING TABLE .....		36

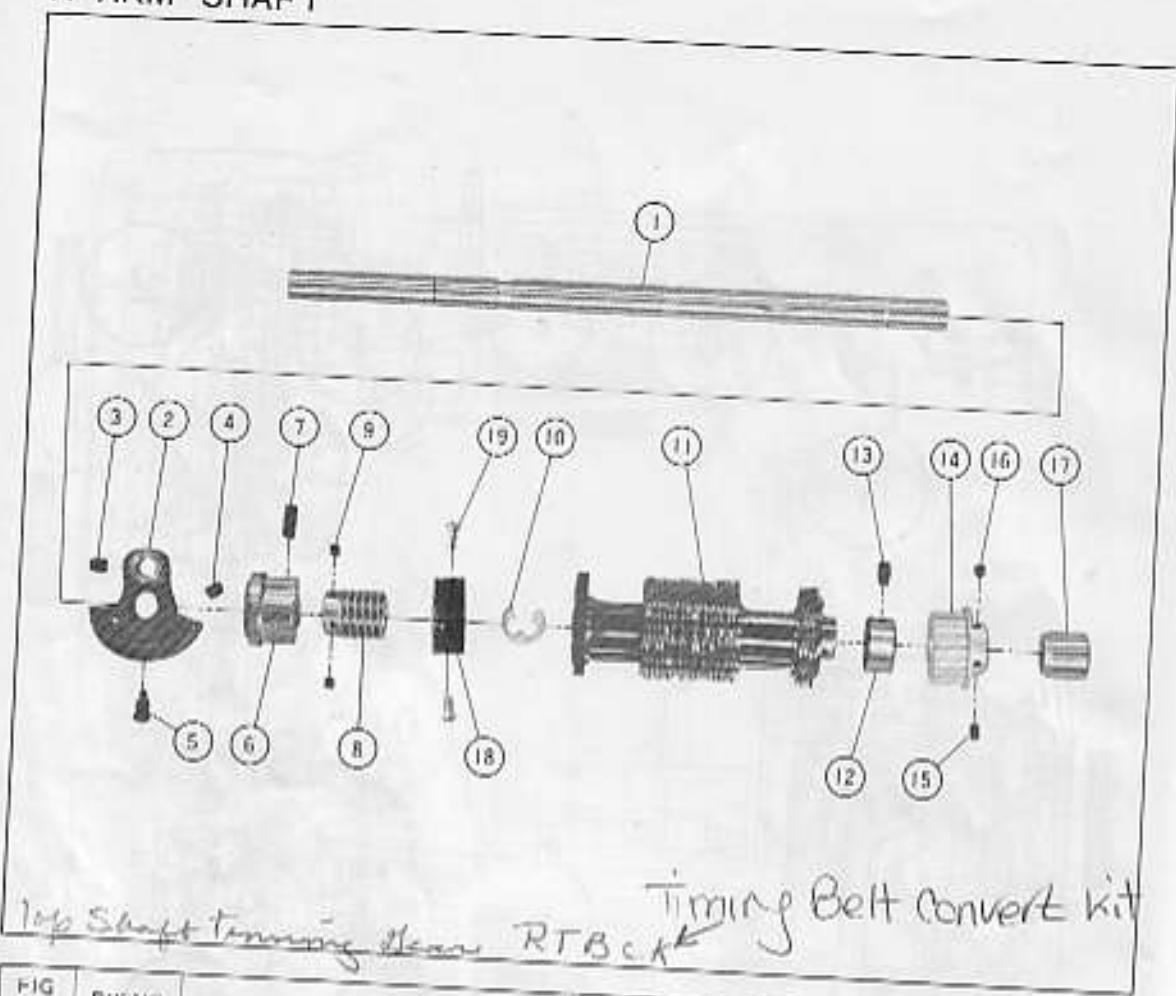
Note: The figure nos. marked \* show that those parts are assembled into complete ones.



7. THE TOWER WITH THREE OR TAKE UP LEVER TRAVERS MRA



# 1. ARM SHAFT



Top Shaft turning from RT Back

Timing Belt convert kit

FIG NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	50303	Arm shaft	1	
2	50305	Arm shaft balance complete *3 +4	1	
3*	110121	Arm shaft balance set pin screw	1	
4*	11069	Arm shaft balance set pin screw	(1)	
5	56572	Arm shaft balance set screw (2)	(1)	
6	50304	Arm shaft front bushing	1	
7	56117	Arm shaft front bushing set screw	1	
8	50307	Worm complete *9	1	
9*	50377	Worm set screw	1	
10	50309	Pattern cam setting	(2)	
11	50308	Pattern cam complete	1	
12	50507	Stitch length feed cam complete	1	Obsolete
13	11069	Stitch length feed cam set screw	1	
14	56070	Arm shaft sprocket complete *15, *16	1	
15*	36148	Arm shaft sprocket set screw (1)	1	
16*	11272	Arm shaft sprocket set screw (2)	(1)	
17	56157	Arm shaft rear bushing	1	
18	50572	Arm shaft collar complete *19	1	
19*	50679	Arm shaft collar set screw	(2)	

## 2. NEEDLE BAR THREAD & TAKE UP LEVER

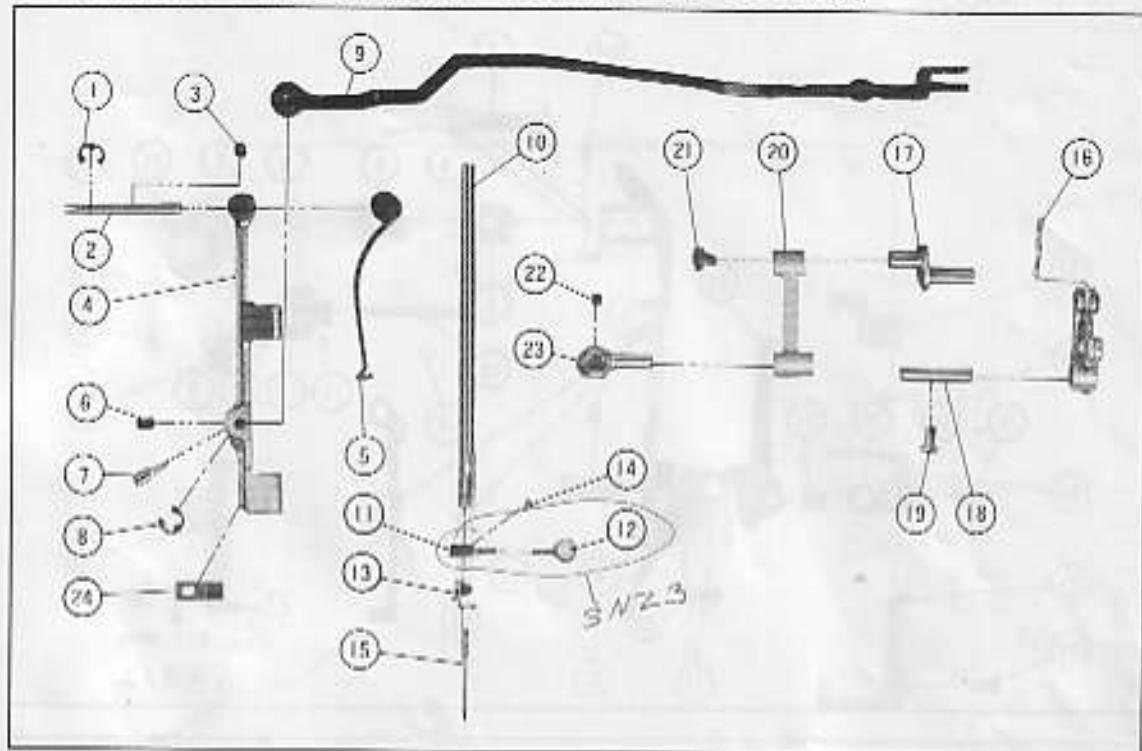


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	56047	Needle bar supporter pin set ring	1	
2	58539	Needle bar supporter pin	1	
3	53632	Needle bar supporter pin set screw	1	
4	66044	Needle bar supporter	1	
5	53312	Needle bar supporter spring	1	
6	61363	Needle bar driving rod pin set screw	1	
7	58953	Needle bar driving rod pin	1	
8	56047	Needle bar driving rod pin set ring	1	
9	60311	Needle bar driving rod	1	
10	56015	Needle bar	1	
11	66016	Needle clamp complete *12	1	
12*	58966	Needle clamp screw	(1)	
13	59688	Needle bar thread guide *14	1	
14*	55018	Needle clamp set screw	(1)	
15	82730	Needle No. 90	1	
16	58925	Thread take up lever complete *17, *18	1	
17*	58926	Arm shaft balance pin	(1)	
18*	66675	Thread take up lever supporting shaft	(1)	
19	52929	Thread take up lever supporting shaft set screw	1	
20	58535	Needle bar crank rod complete *23	1	
21	51105	Arm shaft balance pin left screw	1	
22	51154	Needle bar bracket set screw	1	
23*	53824	Needle bar bracket (1) (2)	(1)	
24	53011	Needle bar supporter stopper	1	

### 3-1. PRESSER BAR & DIAL TENSION

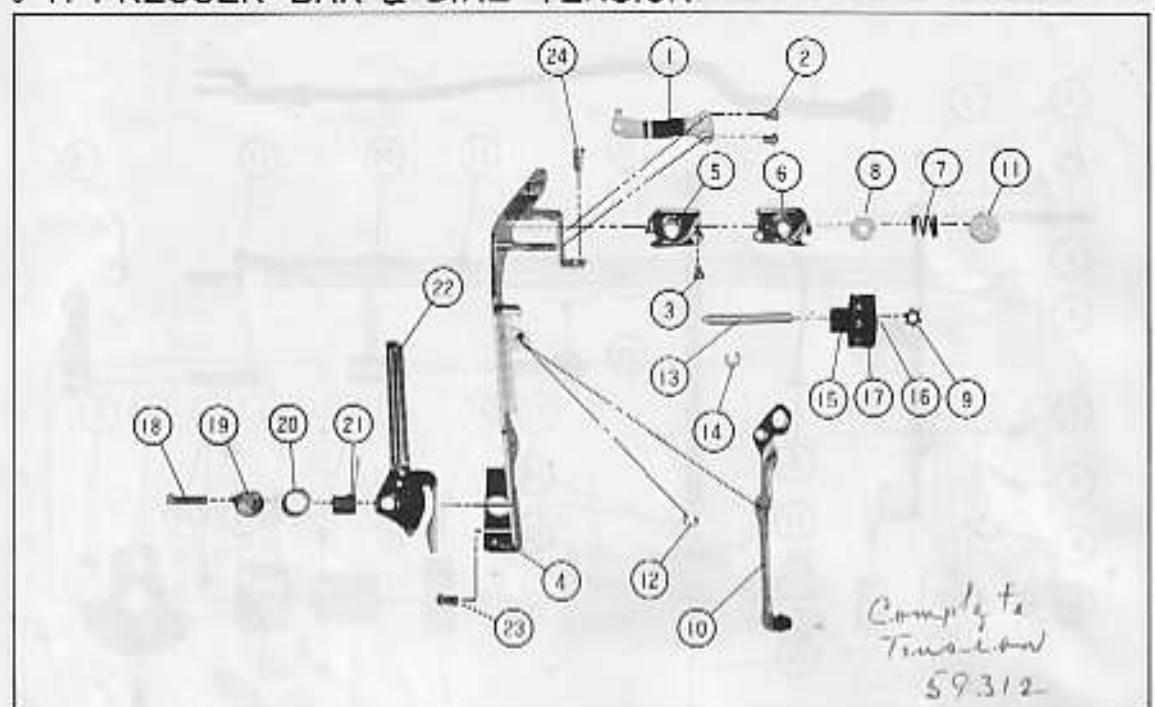


FIG. NO.	RIS NO.	DESCRIPTION	O'TY	MEMO
	59312	Dial tension complete *1 ~ *22	1	
1*	59314	Tension dial shaft supporter	(1)	
2*	08409	Tension dial shaft supporter set screw	(1)	
3*	31214	Tension disk (1) set screw	(1)	
4*	59313	Dial tension supporter	(1)	
5*	59320	Tension disk (1)	(1)	
6*	59321	Tension disk (2)	(1)	
7*	60823	Tension spring	(1)	
8*	60826	Tension dial shaft spring	(1)	
9*	59322	Tension release lever	(1)	
11*	60824	Tension adjusting gear	(1)	
12*	59319	Tension release lever set ring	(1)	
13*	60818	Tension dial shaft	(1)	
14*	59319	Tension dial shaft set ring	(1)	
15*	59317	Tension dial (1)	(1)	
16*	60830	Tension dial (2)	(1)	
17*	60831	Tension dial numeral plate	(1)	
18*	06407	Thread guide plate set screw	(1)	
19*	09328	Thread take up spring adjusting ring	(1)	
20*	59327	Thread take up spring body	(1)	
21*	60826	Thread take up spring	(1)	
22*	59329	Thread guide plate	(1)	
23	55335	Dial tension supporter set screw (1)	1	
24	34036	Dial tension supporter set screw (2)	1	

3-2. PRESSER BAR & DIAL TENSION

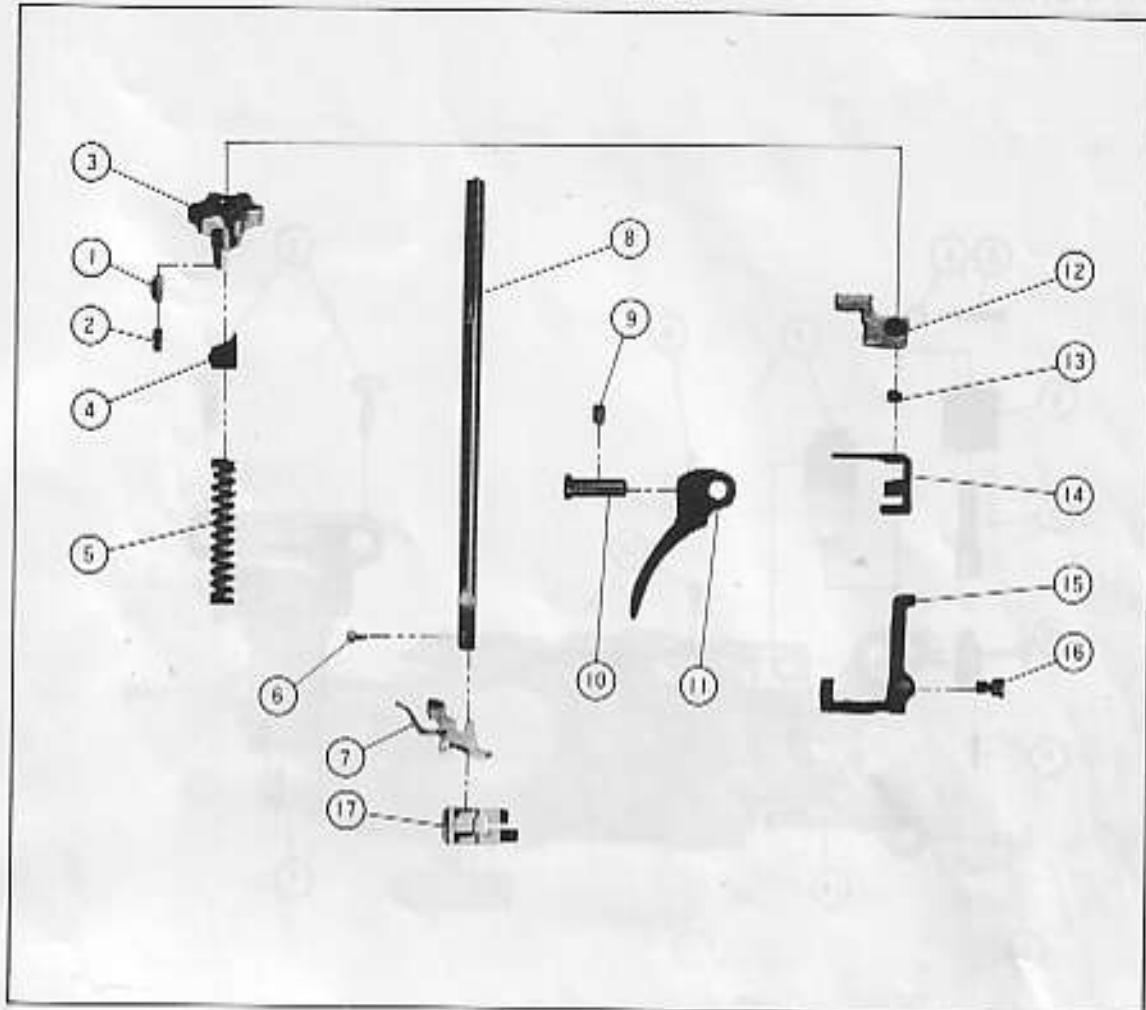


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	34082	Pressure regulating dial stopper pin	1	
2	34083	Pressure regulating dial stopper pin housing	1	
3	58532	Pressure regulating dial	1	
4	34084	Pressure spring supportor	1	
5	55547	Pressure spring	1	
6	93790	Shank set screw	1	
7	58806	Shank complete	1	
8	34086	Presser bar	1	
9	53630	Presser bar lifter set screw	1	
10	11080	Presser bar lifter pin	1	
11	66012	Presser bar lifter	1	
12	34080	Presser bar bracket complete *13	1	
13*	11063	Presser bar bracket set screw	(1)	
14	59335	Tension lever-lifter	1	
15	59334	Tension lever	1	
16	56224	Tension lever step screw	1	
17	50016	Presser foot	1	

#### 4. WORM GEAR HOLDER

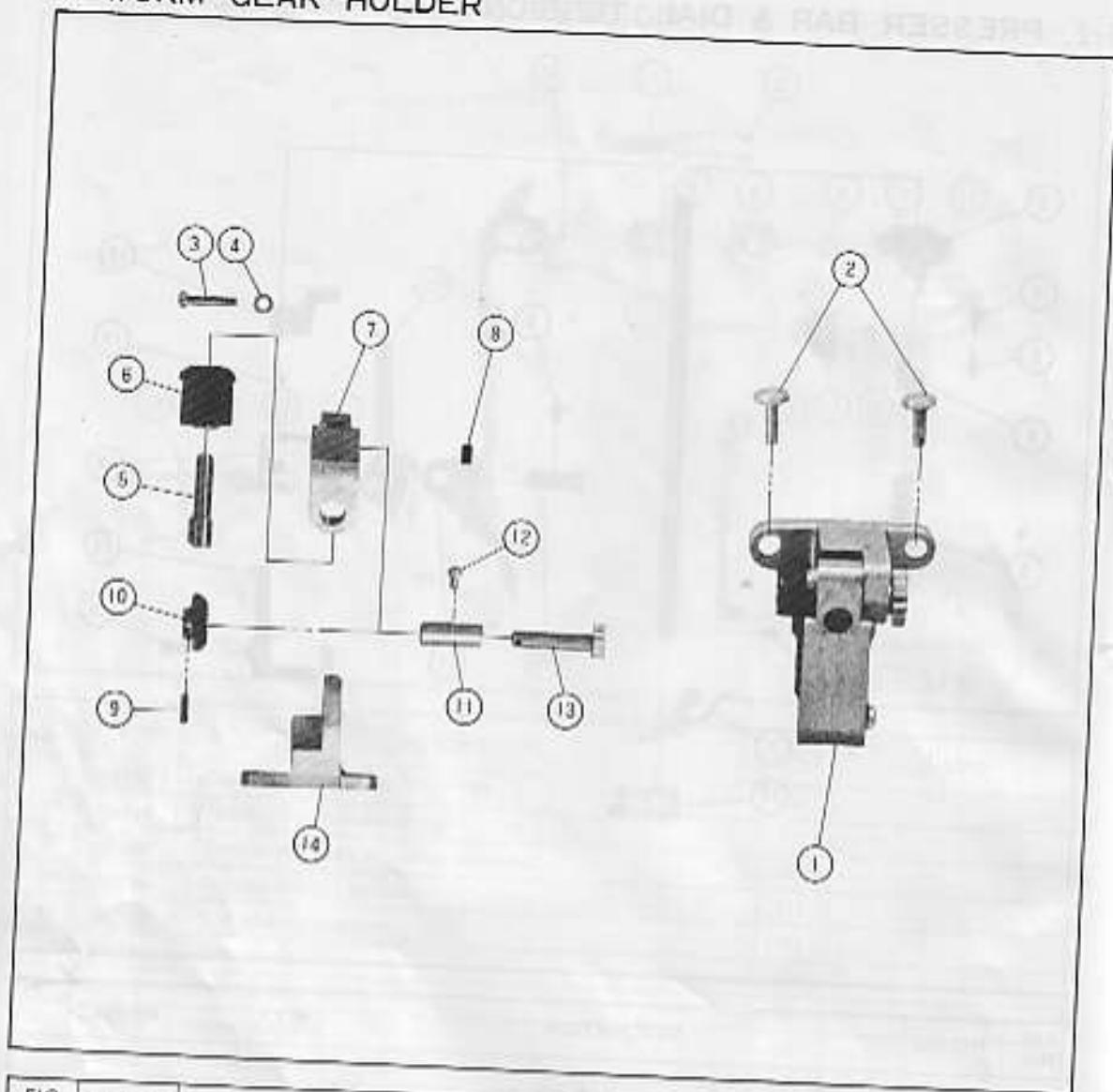


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59389	Worm gear holder complete *3~*14	1	
2	53847	Worm gear holder set screw	2	
3*	59379	Worm gear holder adjusting screw	(1)	
4*	57718	Worm gear holder adjusting screw washer	(1)	
5*	59372	Worm gear shaft	(1)	
6*	59371	Worm gear	(1)	
7*	16369	Holder (1)	(1)	
8*	55112	Worm gear shaft set screw	(1)	
9*	52182	Gear (1) set pin	(1)	
10*	16373	Gear (1)	(1)	
11*	59376	Gear shaft bushing	(1)	
12*	34036	Gear shaft bushing set screw	(1)	
13*	59374	Gear (2)	(1)	
14*	59370	Holder (2)	(1)	

5-1. CAM CONTACT BOX

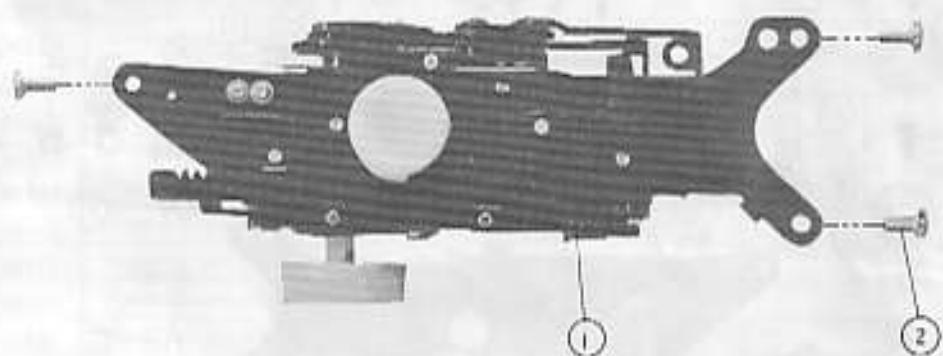
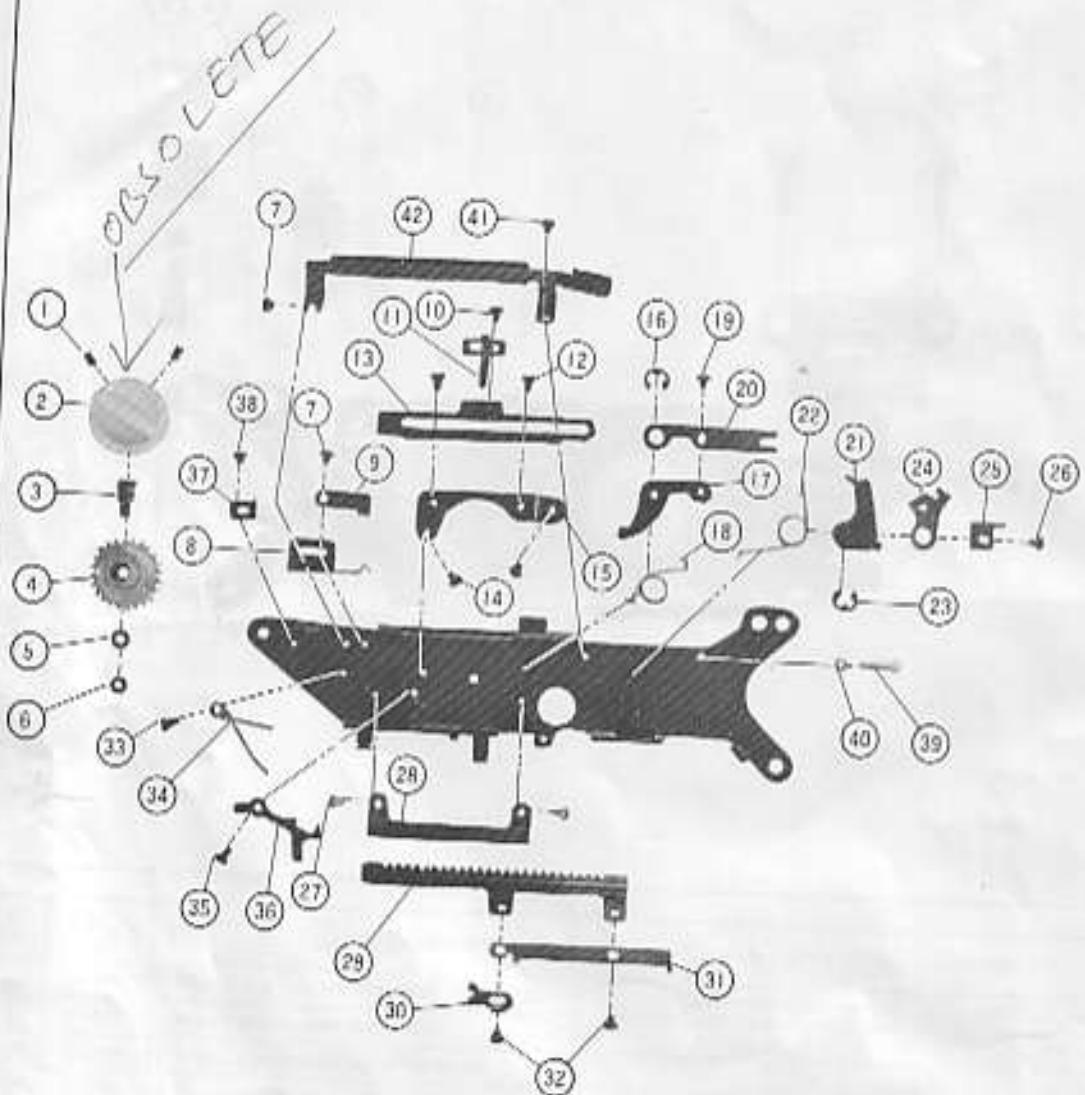


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	56381	Zigzag width mechanism block assembly	1	
2	53847	Zigzag width mechanism block set screw	3	

5-2. CAM CONTACT BOX

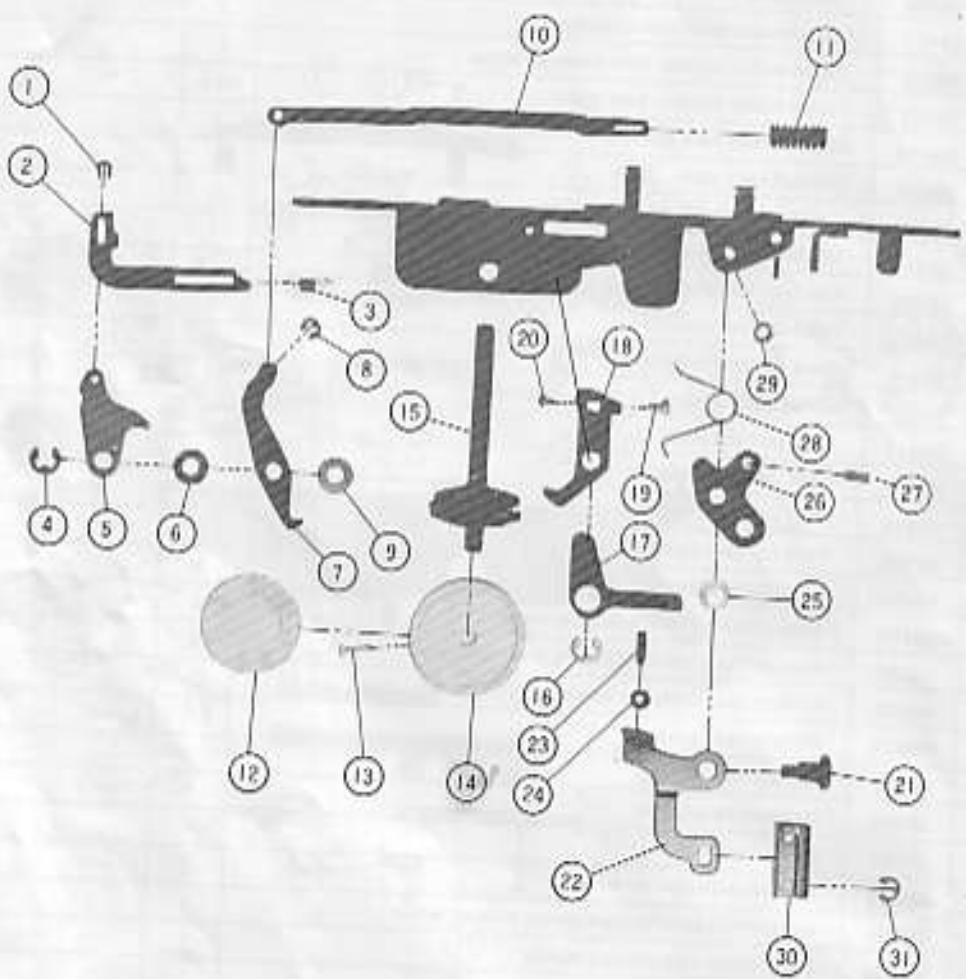
cam stack pge 3 - obsolete



## 5-2. CAM CONTACT BOX

FIG. NO.	HIS NO.	DESCRIPTION	Q'TY	MEMO
1	55112	Selector knob set screw	2	
2	59405	Selector knob (PATTERN SELECTOR)	1	
3	59407	Selector gear screw	1	
4	59406	Selector gear	1	
5	05462	Selector gear screw washer	1	
6	05433	Selector gear screw nut	1	
7	34046	Cam contact positioning spring set screw	2	
8	08408	Cam contact positioning spring	1	
9	59451	Cam contact positioning stopper	1	
10	59332	Zigzag width contact feed plate set screw	1	
11	59412	Zigzag width contact feed plate	1	
12	59410	Contact feed rack screw	2	
13	59409	Contact feed rack	1	
14	59332	Contact feed rack adjusting screw	2	
15	59411	Contact feed rack adjusting plate	1	
16	56169	Feed contact plate (1) set ring	1	
17	59413	Feed contact plate (1)	1	
18	59416	Feed contact plate spring	1	
19	59332	Feed contact plate (2) adjusting screw	1	
20	59417	Feed contact plate (2)	1	
21	59418	Feed contact plate (3)	1	
22	59415	Feed contact plate (3) spring	1	
23	58169	Feed contact plate (3) set ring	1	
24	161418	Auto shifting crank	1	
25	59459	Auto shifting crank adjusting plate	1	
26	160692	Auto shifting crank adjusting plate set screw	2	
27	59332	Pattern rack guide set screw	1	
28	59423	Pattern rack guide	1	
29	59422	Pattern rack	1	
30	59460	Buttonhole adjuster	1	
31	59461	Pattern indicator	1	
32	59332	Pattern indicator set screw	2	
33	160618	Buttonhole cam contact spring support screw	1	
34	59430	Buttonhole cam contact spring	1	
35	59410	Stopper screw	1	
36	59424	Stopper	1	
37	56557	Contact feed rack stopper	1	
38	59332	Contact feed rack stopper set screw	1	
39	07408	Pattern link stopper screw	1	
40	16432	Pattern link stopper screw nut	1	
41	59332	Cord holder set screw	1	
42	18099	Cord holder	1	

5-3. CAM CONTACT BOX



### 5-3. CAM CONTACT BOX

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59378	Buttonhole cam contact link	1	
2	59401	Buttonhole link	1	
3	59432	Buttonhole spring	1	
4	56047	Buttonhole cam contact set ring	1	
5	59428	Buttonhole cam contact	1	
6	56241	Buttonhole cam contact washer (2)	1	
7	59454	Buttonhole release contact	1	
8	56183	Buttonhole release link set ring	1	
9	59433	Buttonhole cam contact washer (1)	1	
10	59456	Buttonhole release link	1	
11	59457	Buttonhole release link spring	1	
12	161436	Buttonhole dial plate	1	
13	05430	Buttonhole dial set screw	1	
14	59468	Buttonhole dial	1	
15	59434	Buttonhole cam	1	
16	56047	Stopper release contact set ring	1	
17	161427	Zigzag width contact release lever	1	
18	59425	Stopper release contact	1	
19	16032	Zigzag width contact release lever adjusting screw	1	
20	06412	Zigzag width contact release lever adjusting screw nut	1	
21	59365	Zigzag width cam box lever screw	1	
22	16036	Zigzag width cam box lever	1	
23	59462	Zigzag width cam box lever adjusting screw	1	
24	161433	Zigzag width cam box lever adjusting screw nut	1	
25	51972	Zigzag width cam box lever washer	1	
26	160392	Zigzag width cam box support	1	
27	05405	Zigzag width cam box support set screw	1	
28	161398	Zigzag width cam box lever spring	1	
29	05433	Zigzag width cam box lever screw nut	1	
30	59393	Zigzag width cam box	1	
31	16047	Zigzag width cam box set ring	1	

5-4. CAM CONTACT BOX

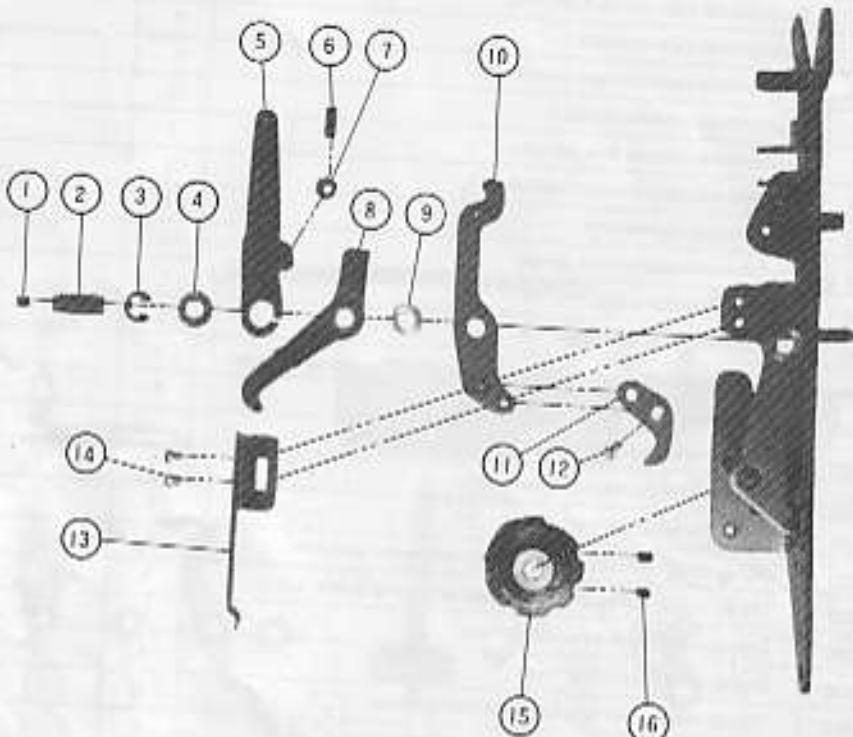


FIG. NO.	R/S NO.	DESCRIPTION	Q'TY	MEMO
1	51764	Buttonhole feed lever supporting pin set screw	1	
2	50445	Buttonhole feed lever supporting pin	1	
3	56047	Buttonhole feed lever supporting pin set ring	1	
4	61972	Buttonhole feed lever supporting pin washer	1	
5	50444	Buttonhole feed lever	1	
6	69549	Buttonhole feed lever adjusting screw	1	
7	05433	Buttonhole feed lever adjusting screw nut	1	
8	50442	Buttonhole feed contact	1	
9	51972	Buttonhole feed lever washer	1	
10	50440	Feed contact release lever (A)	1	
11	50441	Feed contact release lever (B)	1	
12	05412	Feed contact release lever (A) adjusting screw	1	
13	69439	Buttonhole positioning spring	1	
14	50332	Buttonhole positioning spring set screw	1	
15	50437	Buttonhole feed cam complete *16	2	
16*	51754	Buttonhole feed cam set screw	1	(2)

## 5-5. CAM CONTACT BOX

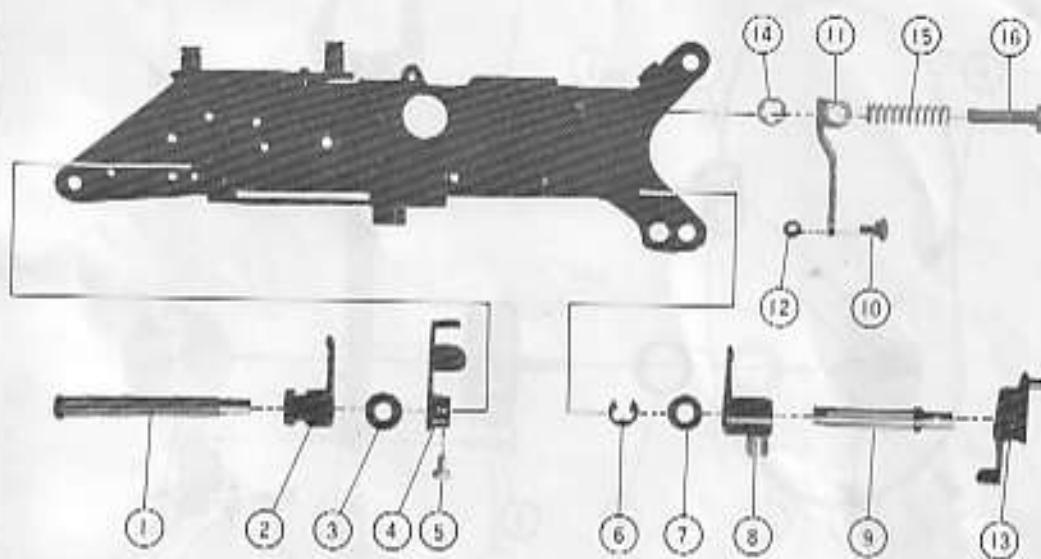


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	50401	Zigzag width cam contact shaft	1	
2	59399	Zigzag width cam contact	1	
3	51666	Zigzag width cam contact shaft washer	1	
4	59403	Zigzag width regulating lever	1	
5	34036	Zigzag width regulating lever set screw	1	
6	56047	Feed contact shaft set ring	1	
7	51066	Feed contact shaft washer	1	
8	59399	Feed contact	1	
9	59446	Feed contact shaft	1	
10	50453	Pattern selector link set screw	1	
11	59452	Pattern selector link	1	
12	05433	Pattern selector link set screw nut	1	
13	59449	Pattern selector lever	1	
14	59851	Pattern adjusting nut set ring	1	
15	59850	Pattern adjusting nut spring	1	
16	59473	Pattern adjusting nut	1	

6 ZIGZAG WIDTH DIAL

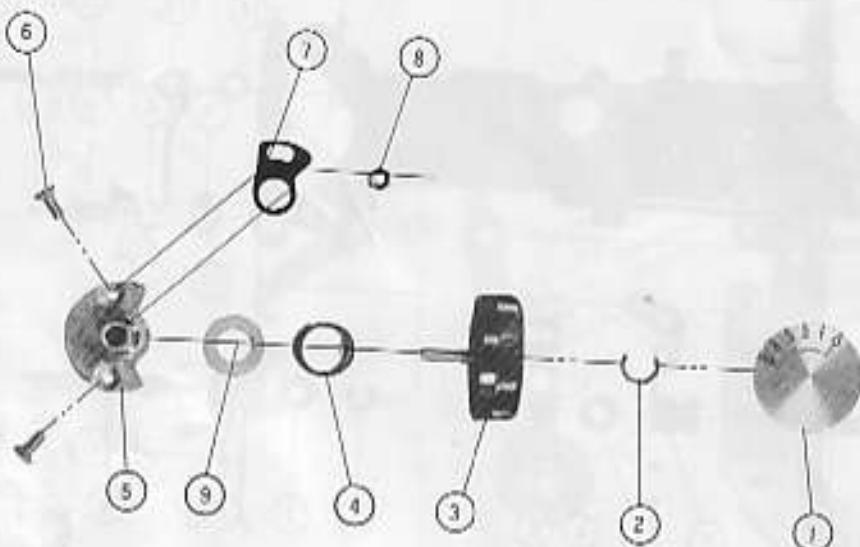


FIG. NO.	HIS NO.	DESCRIPTION	Q'TY	MEMO
1	69409	Zigzag width dial plate	1	
2	69409	Zigzag width dial setting ring	1	
3	51M68	Zigzag width dial	1	
4	52357	Zigzag width dial adjusting spring	1	
5	59465	Zigzag width dial supporter	1	
6	05418	Zigzag width dial supporter set screw	2	
7	59550	Zigzag width dial stopper	2	
8	16-433	Zigzag width dial stopper set nut	1	
9	59677	Zigzag width dial washer	1	

## 7. FORKED ROD

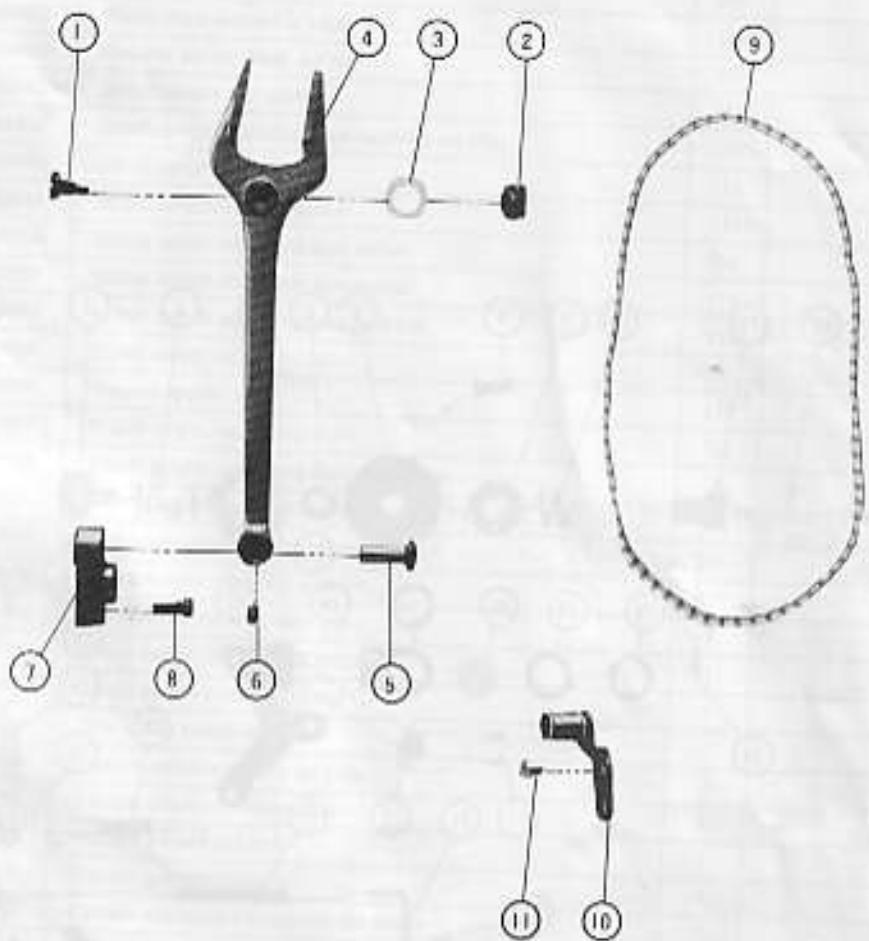
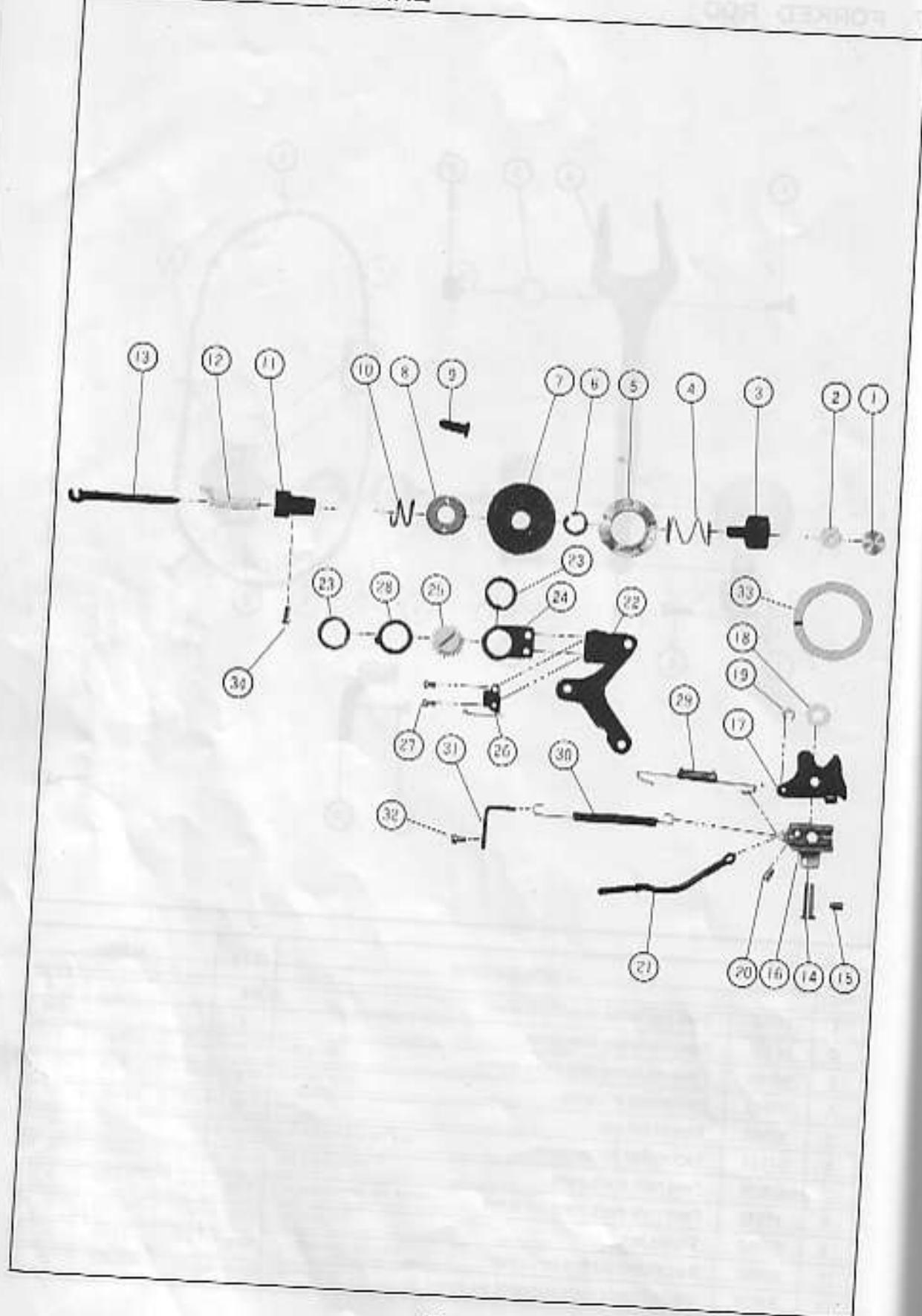


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	11258	Feed regulating slide block shaft	1	
2	58200	Feed regulating slide block	1	
3	58196	Feed regulating slide block washer	1	
4	53648	Forked rod adjusting	1	
5	56083	Forked rod pin	1	
6	51154	Forked rod pin set screw	1	
7	53679	Feed rock shaft crank	1	
8	11243	Feed rock shaft crank set screw	1	
9	53952	Timing belt	1	
10	53953	Belt adjusting plate complete	1	
11	34036	Belt adjusting plate complete set screw	1	

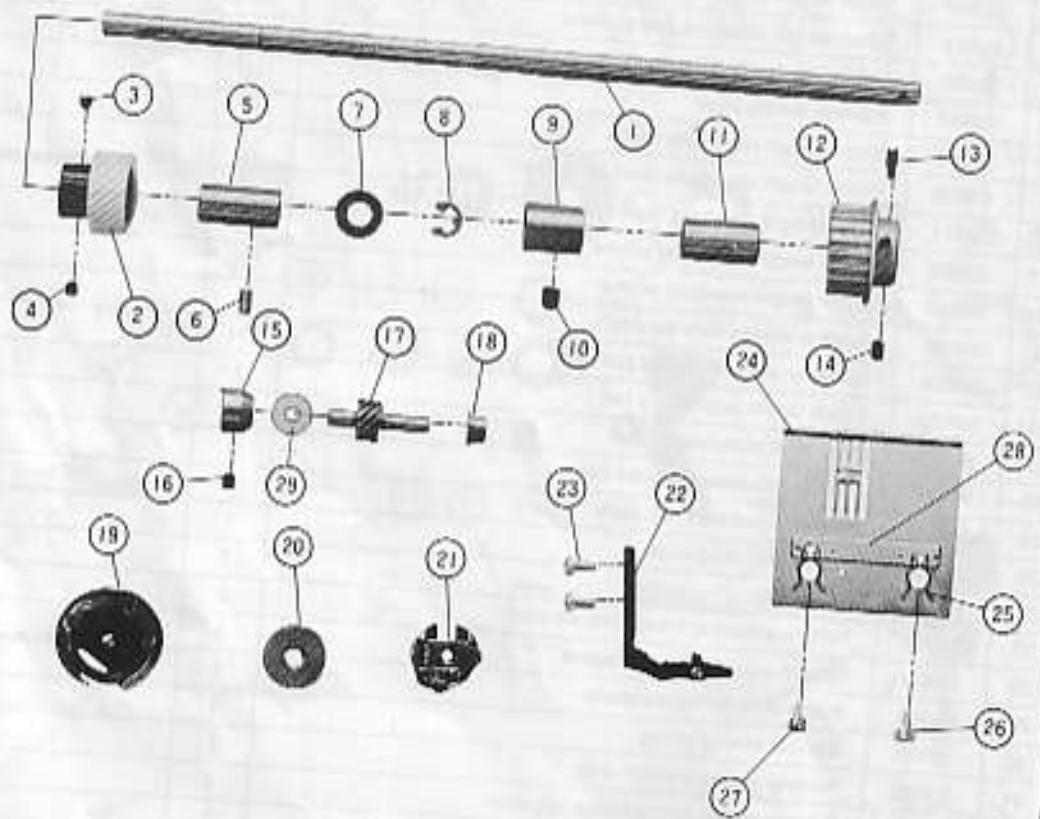
## 8. STITCH LENGTH DIAL



## 8. STITCH LENGTH DIAL

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
	50481	Stitch length dial complete *1 ~ *13	1	
1*	59492	Reverse sewing button	(1)	
2*	59490	Buttonhole adjusting nut	(1)	
3*	50M89	Buttonhole adjusting knob	(1)	
4*	59493	Reverse sewing lever spring	(1)	
5*	59483	Stitch length dial plate	(1)	
6*	59486	Stitch length adjusting gear bushing set ring	(1)	
7*	59482	Stitch length dial	(1)	
8*	50048	Stitch length adjusting gear	(1)	
9*	50050	Stitch length adjusting gear screw	(1)	
10*	52357	Stitch length adjusting gear spring	(1)	
11*	50484	Stitch length adjusting gear bushing	(1)	
12*	59488	Stitch length adjusting lever	(1)	
13*	50487	Reverse sewing lever	(1)	
14*	50852	Stitch length regulating shaft	(1)	
15	53638	Stitch length regulating shaft set screw	1	
16	50471	Stitch length regulator complete *14, *17, *18, *20, *21	1	
17*	53662	Stitch length regulating holder	(1)	
18*	50045	Stitch length regulator washer	(2)	
19	50193	Reverse sewing lever set ring	1	
20*	55604	Stitch length connecting rod pin	(1)	
21*	59472	Stitch length connecting rod	1	
22	59480	Arms cover sustainer	1	
23	34746	Pattern adjusting knob set ring	2	
24	50476	Pattern adjusting knob plate	1	
25	59476	Pattern adjusting knob	1	
26	50479	Pattern adjusting spring	1	
27	34044	Pattern adjusting knob plate set screw	2	
28	50477	Pattern adjusting knob stopper	1	
29	50564	Buttonhole spring complete	1	
30	50505	Reverse sewing spring	1	
31	50866	Reverse sewing spring holder	1	
32	34036	Reverse sewing spring holder set screw	1	
33	50494	Stitch length dial mark plate	1	
34	05428	Stitch length adjusting gear bushing set screw	1	

## 9. OSCILLATING SHAFT



## 9. OSCILLATING SHAFT

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	53740	Oscillating shaft	1	
2	50741	Oscillating shaft gear complete *3, *4 Holes w/1/8" dia	1	
3*	36146	Oscillating shaft gear set screw (1)	(1)	
4*	11272	Oscillating shaft gear set screw (2)	(1)	
5	53748	Oscillating shaft bushing (1)	1	
6	53828	Oscillating shaft bushing (1) set screw	1	
7	53080	Oscillating shaft washer	1	
8	56309	Oscillating shaft set ring	1	
9	53743	Feed lifting rock cam complete	1	
10	11069	Feed lifting rock cam set screw	1	
11	53740	Oscillating shaft bushing (2)	1	
12	53745	Oscillating shaft sprocket complete *13, *14	1	RTBCK
13*	53747	Oscillating shaft sprocket set screw (1)	(1)	
14*	36146	Oscillating shaft sprocket set screw (2)	(1)	
15	53716	Shuttle driver shaft bushing (2)	1	
16	51764	Shuttle driver shaft bushing (2) set screw	1	
17	53038	Shuttle driver shaft	1	
18	53715	Shuttle driver shaft bushing (1)	1	
19	53708	Rotary hook complete	1	
20	91371	Bobbin S.S. 623	1	
21	53837	Bobbin case complete J01313 X 2	1	
22	50834	Shuttle hook holder	1	
23	34126	Shuttle hook holder set screw	1	
24	10406	Needle plate complete *25, *20	1	
26*	59497	Snap retainer	(2)	
26	59498	Needle plate positioning screw (1)	1	
27	59499	Needle plate positioning screw (2)	1	
28*	50867	Snap retainer supporting plate	(1)	
29	121663	Shuttle driver shaft spring washer	1	

## 10. FEED ROCK SHAFT

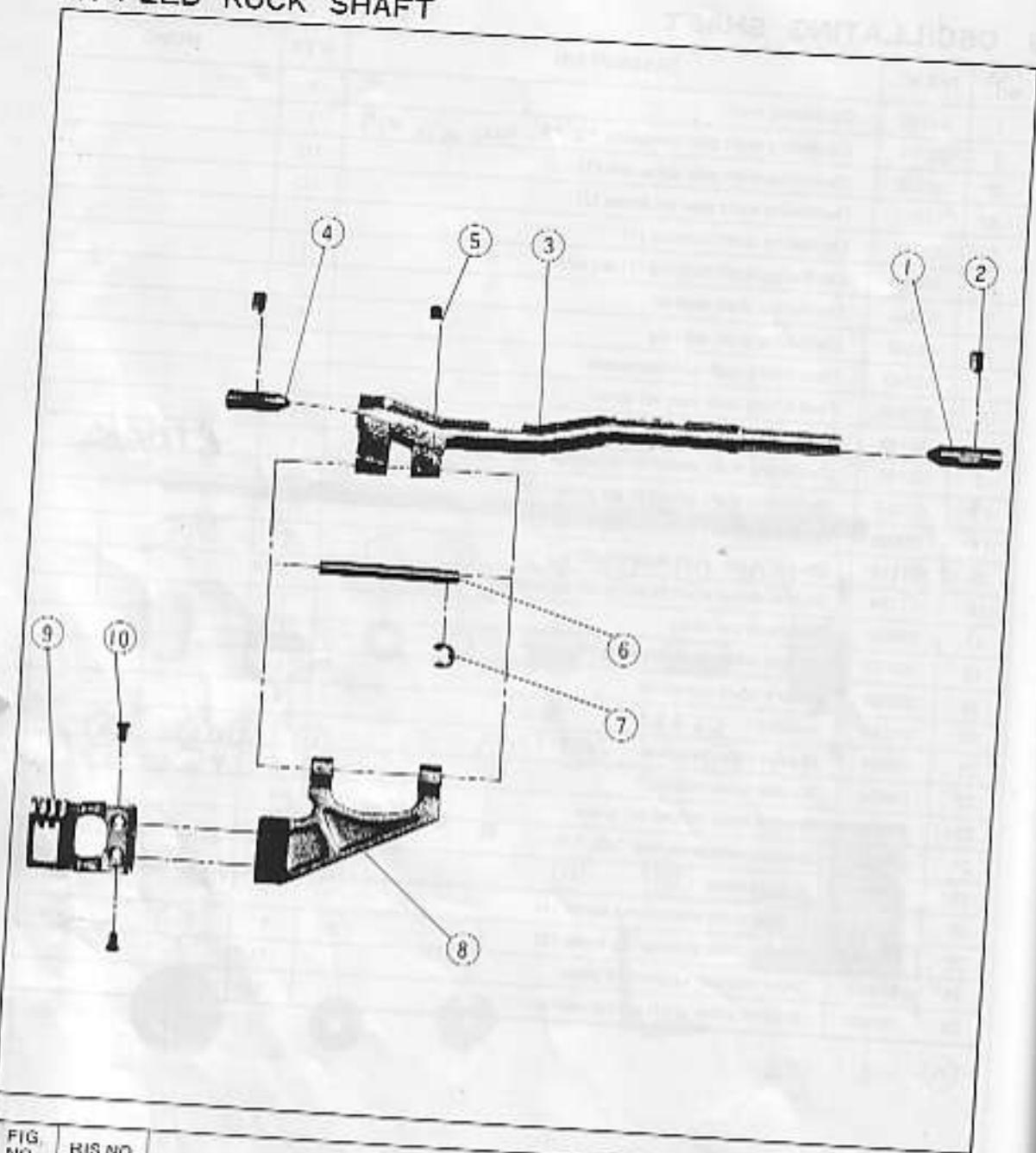


FIG. NO.	RIS.NO.	DESCRIPTION	Q'TY	MEMO
1	53608	Center bar (2)	1	
2	53638	Center bar set screw	2	
3	53677	Feed rock shaft complete - #5 ~ #8	1	
4	53685	Center bar (1)	1	
5*	51154	Feed bar shaft set screw	1	
6*	53843	Feed bar shaft	(1)	
7*	56169	Feed bar shaft set ring	(1)	
8*	53020	Feed bar	(1)	
9	53684	Feed dog	(1)	
10	11234	Feed dog set screw	2	

## 11. DROP FEED

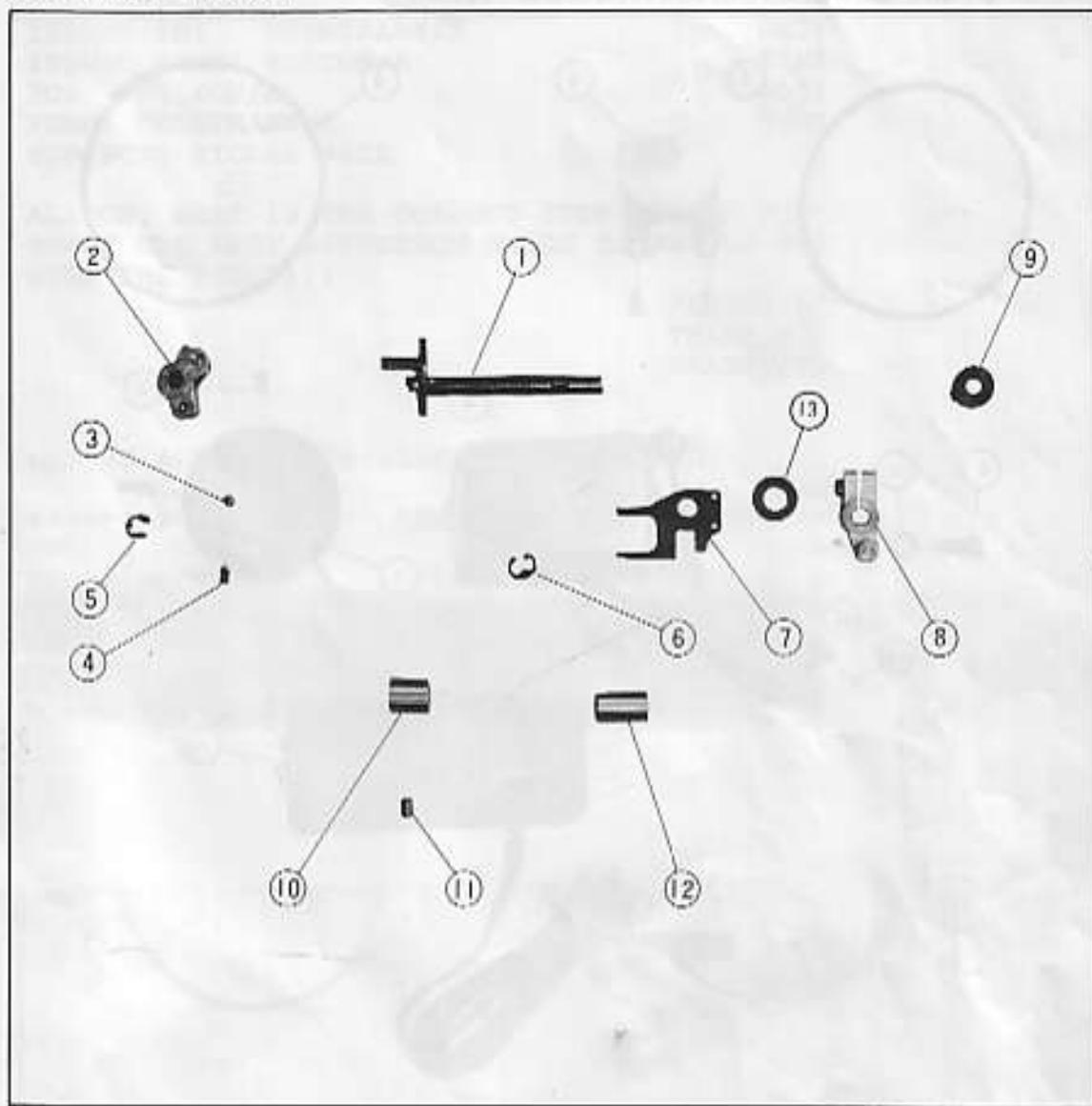


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	53029	Feed lifting rock crank complete *2 ~ *8	1	
2*	53023	Drop feed knob	(1)	
3*	53024	Drop feed positioning steel ball	(1)	
4*	53025	Drop feed positioning spring	(1)	
5*	56047	Feed lifting rock crank set ring	(1)	
6*	58008	Feed lifting rock shaft set ring	(1)	
7	53698	Feed lifting rock plate	1	
8	53033	Feed lifting adjusting crank	1	
9	53031	Feed lifting shaft collar complete	1	
10	53696	Feed lifting shaft bushing (2)	1	
11	34125	Feed lifting shaft bushing (2) set screw	1	
12	53694	Feed lifting shaft bushing (1)	1	
13	53828	Feed lifting rock plate washer	2	

12. MOTOR & FOOT CONTROLLER (220V)

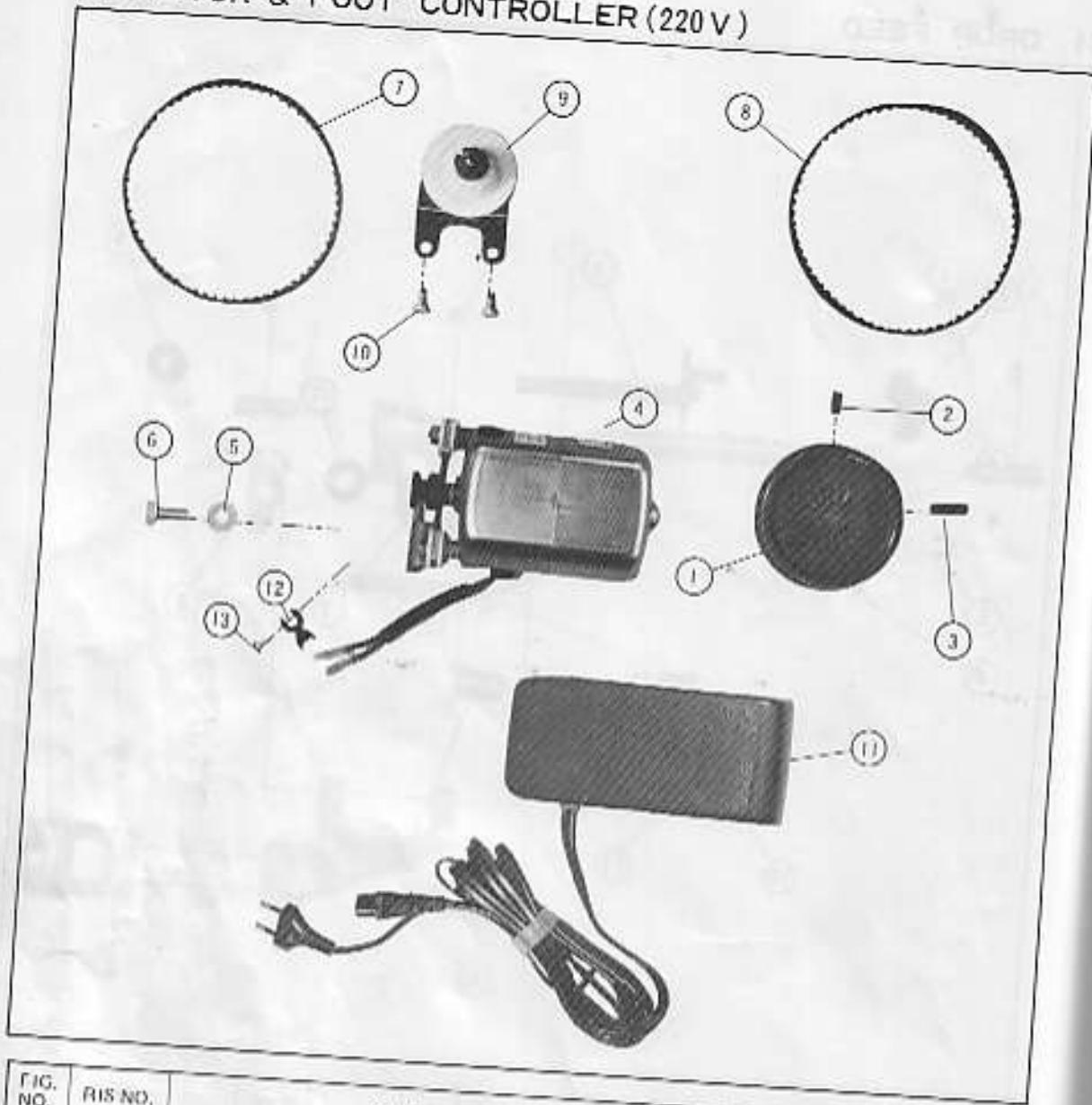


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	50806	Hand wheel	1	
2	59167	Magnet	1	
3	14508	Hand wheel set screw	1	
4	71007	Motor complete	1	
5	05467	Motor bracket set screw spring washer	1	
6	05427	Motor bracket set screw	1	
7	71362	Motor driving belt	1	
8	50849	Synchronized belt	1	
9	50510	Bobbin winder shaft complete	1	
10	55119	Bobbin winder holder set screw	1	
11	75031	Foot controller complete	2	
12	70720	Cord holder (4)	1	
13	55106	Cord holder set screw	1	

12. MOTOR & FOOT CONTROLLER (115V)

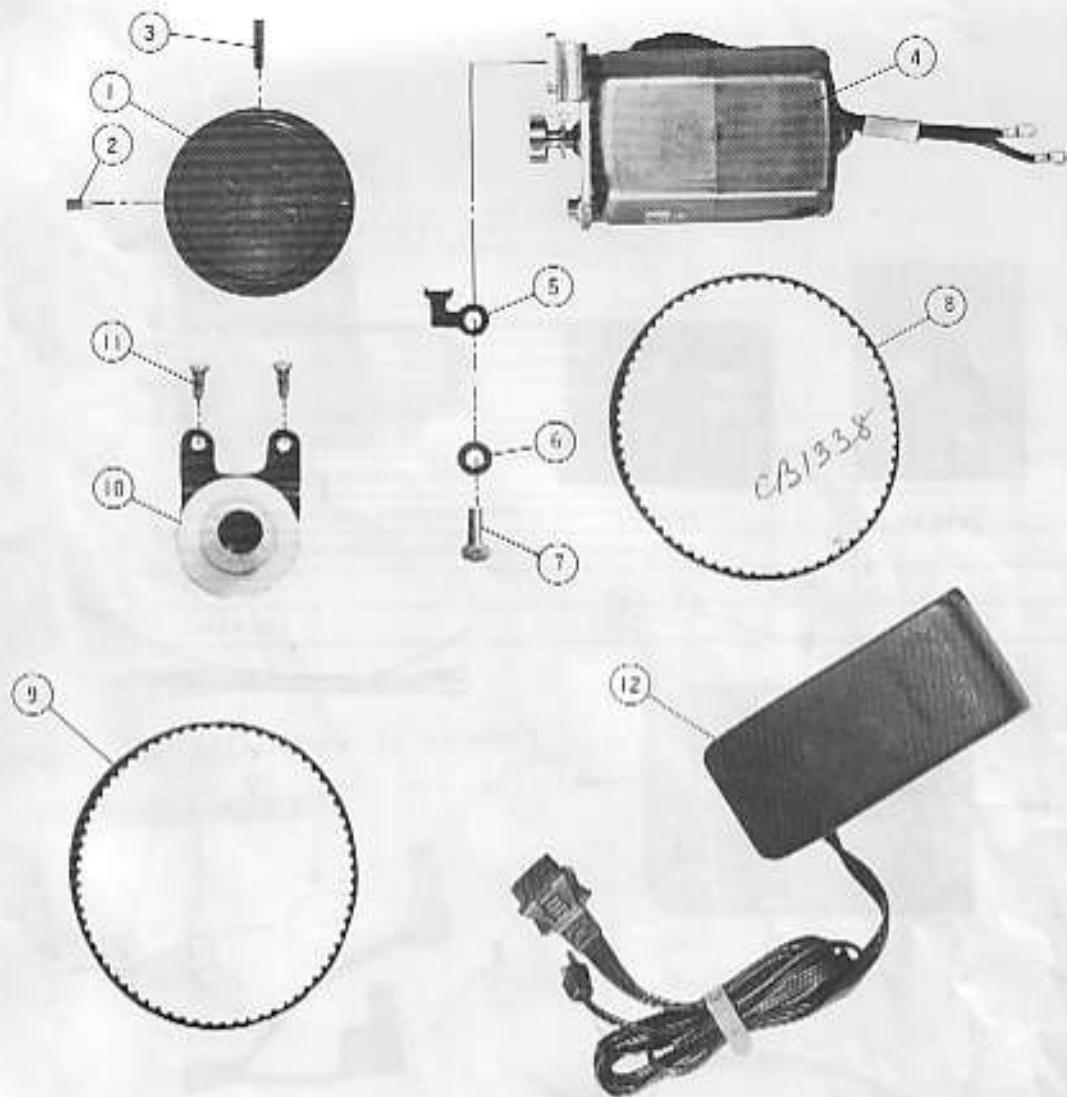
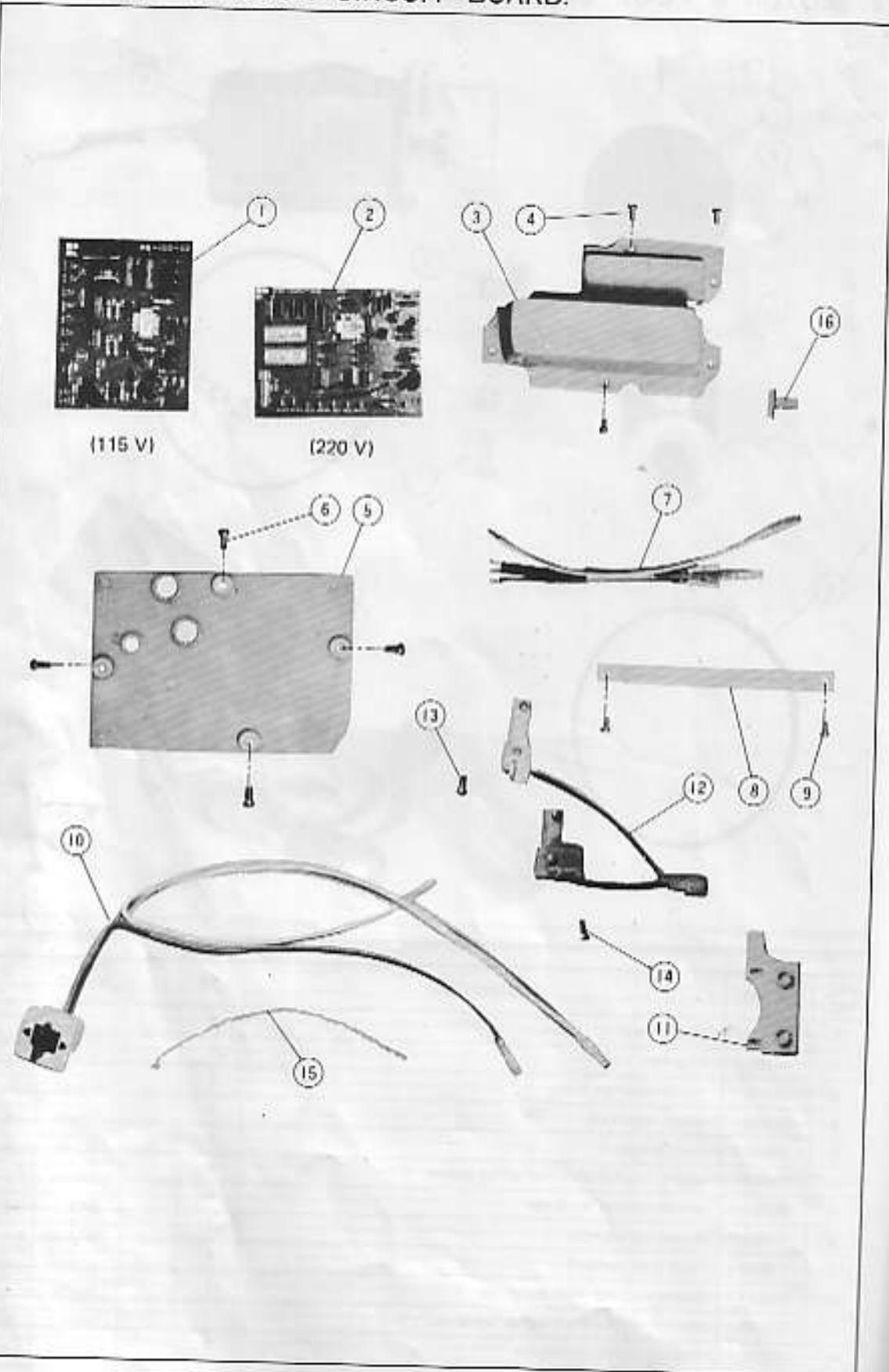


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	58806	Hand wheel	1	
2	59167	Magnet	1	
3	50108	Hand wheel set screw	1	
4	75096	Motor complete	1	
5	78830	Card holder	1	
6	06467	Motor bracket set screw spring washer	1	
7	06427	Motor bracket set screw	1	
8	75282	Motor driving belt	1	
9	53049	Synchronized belt	1	
10	59510	Bobbin winder shaft complete	1	
11	56119	Bobbin winder shaft holder set screw	2	
12	75630	Foot controller complete	1	

### 13-1 SPEED CONTROL CIRCUIT BOARD.

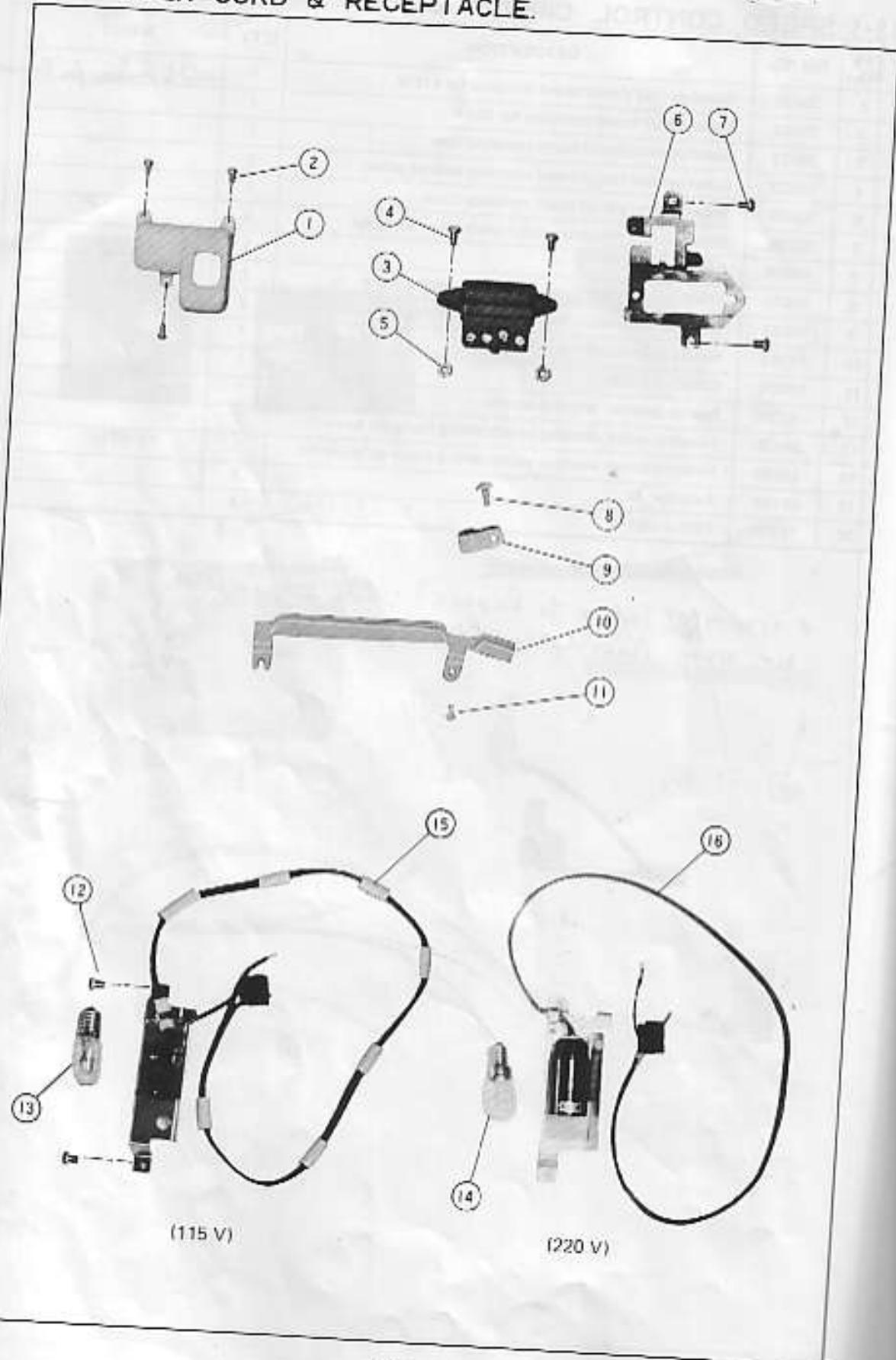


## 13-1 SPEED CONTROL CIRCUIT BOARD.

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	75976	Speed control circuit board complete for 115 V	1	sold to Rincon for Repair
2	75975	Speed control circuit board complete for 220 V	1	
3	75973	Speed control circuit board complete case	1	
4	68822	Speed control circuit board complete case set screw	3	
5	53039	Speed control circuit board complete cover	1	
6	34125	Speed control circuit board complete cover set screw	4	
7	78873	Cord complete	1	
8	75974	Speed control circuit board complete setting frame	1	
9	68822	Speed control circuit board complete setting frame set screw	2	
10	78792	Needle position setting switch	1	
11	68806	Connector holder	1	
12	78791	Needle position selecting switch	1	
13	34036	Needle position selecting switch setting frame set screw (1)	1	
14	34036	Needle position selecting switch setting frame set screw (2)	1	
15	06164	Fastener	4	
16	78793	Cord eyelet	4	

\* 75999 ABC (Laber to Repair)  
No New Board in Stock

13-2 POWER CORD & RECEPTACLE.



### 13-2 POWER CORD & RECEPTACLE.

FIG. NO.	NIS NO.	DESCRIPTION	Q'TY	MEMO
1	76629	Power cord receptacle box	1	
2	34044	Power cord receptacle box set screw	3	
3	76307	Power cord receptacle	1	
4	59563	Power cord receptacle set screw '1'	2	
5*	05418	Power cord receptacle set nut	(2)	
6	76597	Power cord receptacle rear cover holder	1	
7	58865	Power cord receptacle rear cover holder set screw	2	
8	65106	Cord holder set screw	1	
9	78830	Cord holder	1	
10	78899	Cord supporter	1	
11	69342	Cord supporter set screw	1	
12	55106	Lamp holder set screw	2	
13	77550	Lamp for 115 V	1	
14	77551	Lamp for 220 V	1	
15	76883	Switch card complete for 115 V	1	
16	76884	Switch card complete for 220 V	1	

14-1. FACE PLATE

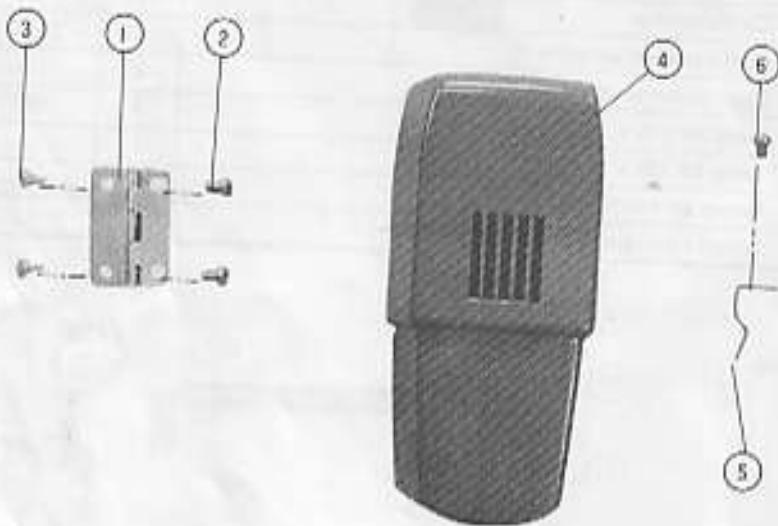


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	34040	Face plate hinge complete	1	
2	34035	Face plate hinge screw (1)	2	
3	34046	Face plate hinge screw (2)	2	
4	50017	Face plate	1	
5	50001	Face plate positioning spring	1	
6	34006	Face plate positioning spring set screw	1	

14-2. MOTOR DRIVE BELT COVER

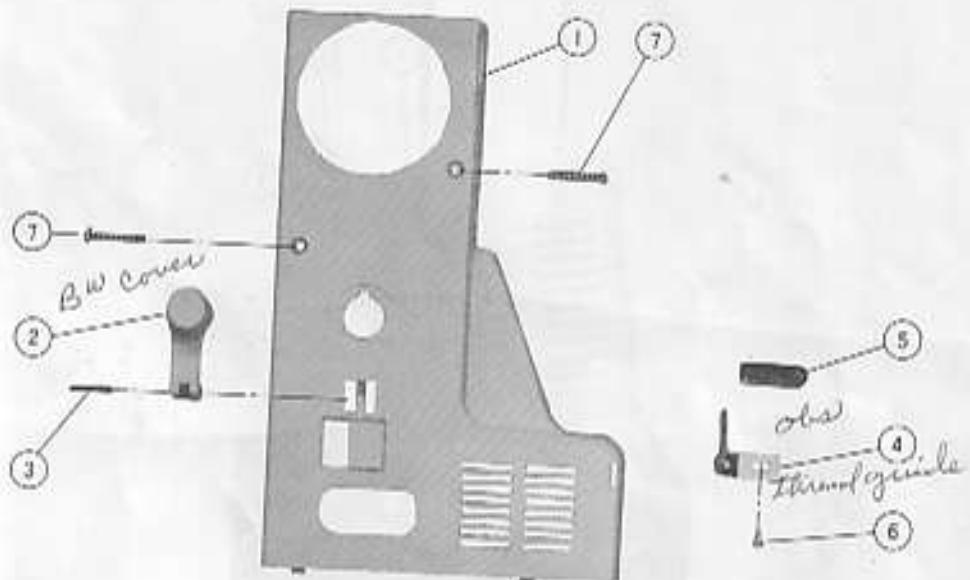


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59802	Motor drive belt cover	1	
2	59206	Bobbin winder spindle cover	1	
3	59207	Bobbin winder spindle cover pin	1	
4	59520	Thread guide complete	1	
5	59522	Thread guide plate	1	
6	34046	Thread guide set screw	1	
7	59270	Motor drive belt cover set screw	2	

### 14-3. MOTOR COVER HOUSING

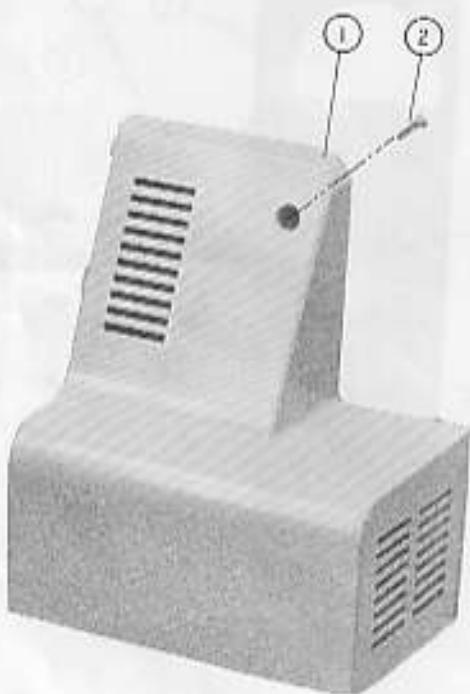


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	49525	Motor housing cover	1	
2	34124	Motor housing cover set screw	1	

14-4. SPOOL PIN

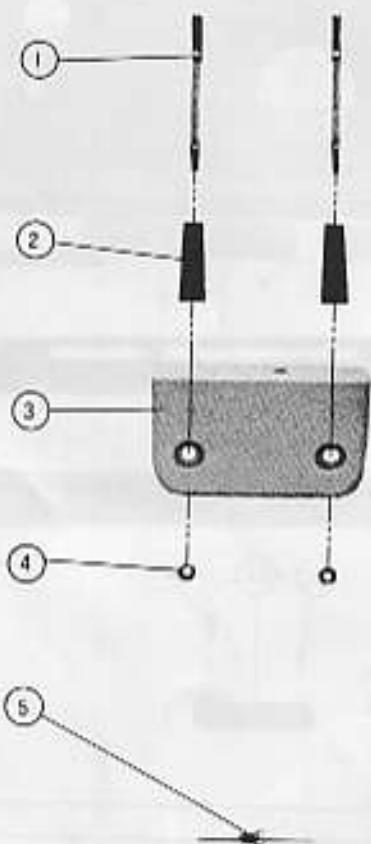


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59298	Spool pin	2	
2	31619	Spool pin roller	2	
3	59528	Spool pin holder	1	
4	53622	Spool pin nut	2	
5	34036	Spool pin holder set screw	1	

15. ARM COVER

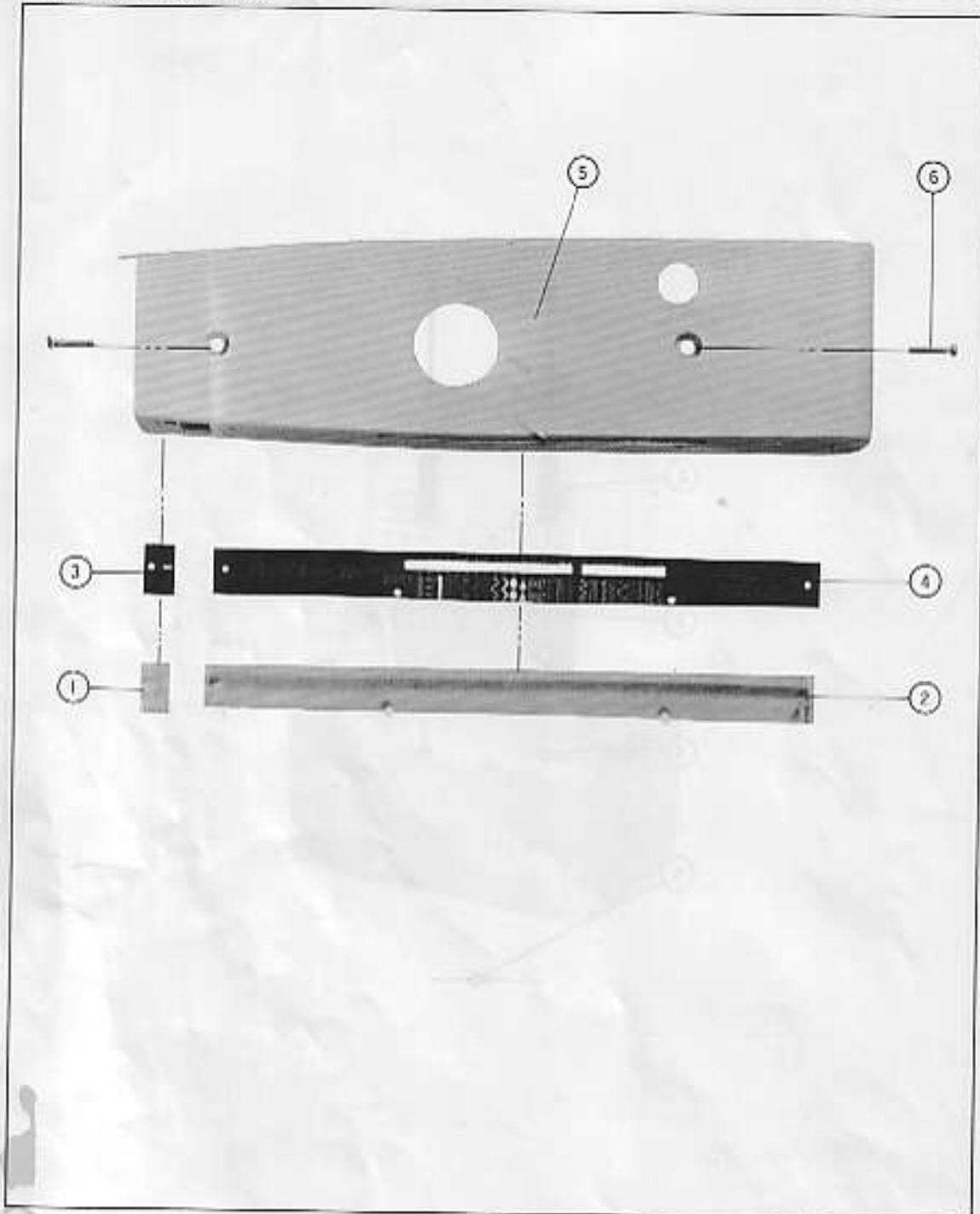


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59533	Tension indicator cover	1	
2	59534	Stitch pattern	2	
3	59531	Tension indicator	1	
4	59535	Stitch pattern plate	1	
5	59530	Arm cover	1	
6	50616	Arm cover set screw	1	

## 16-1. HOOK COVER

38A-2-21

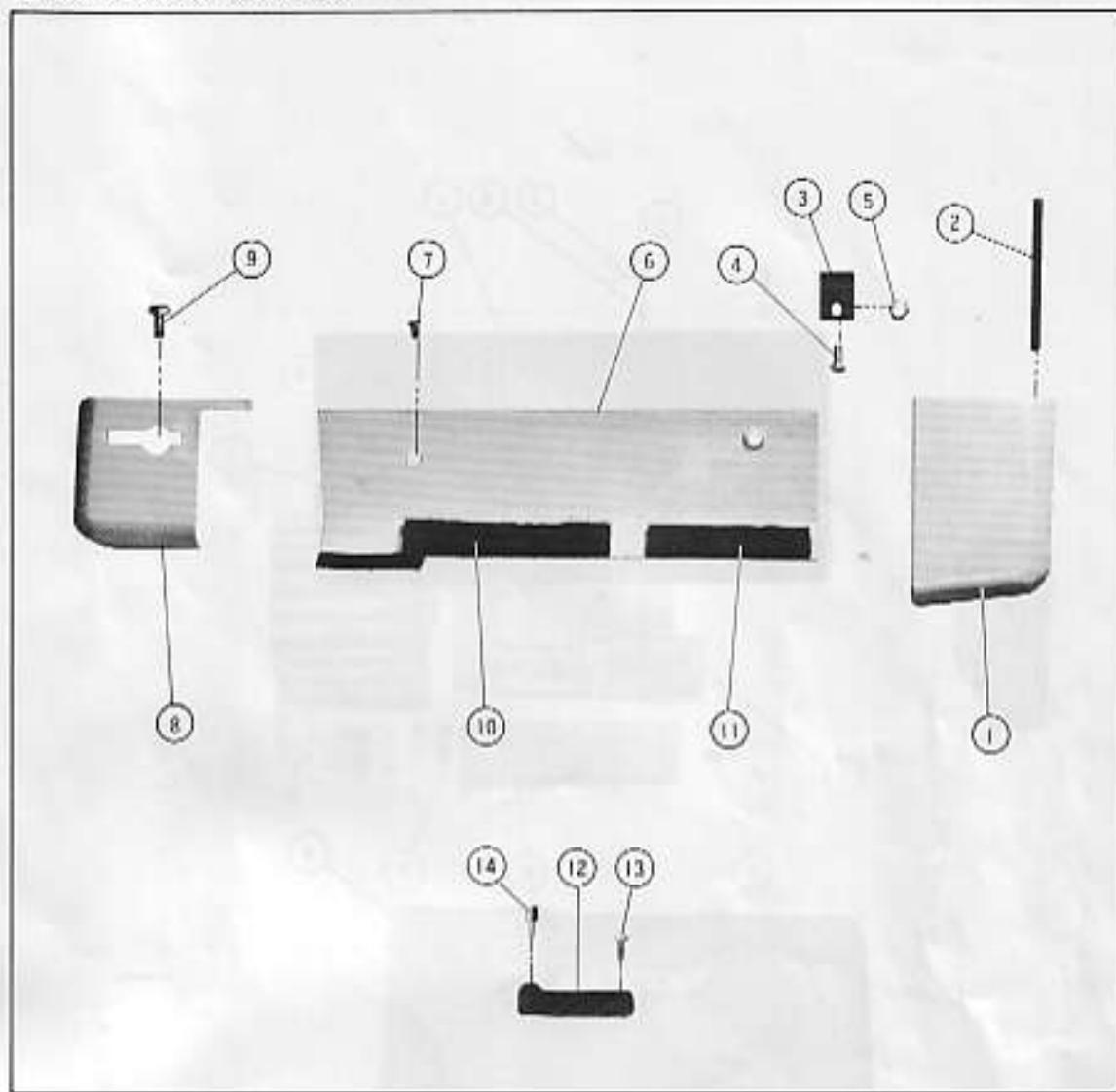


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	69536	Hook cover	1	
2	53619	Hook cover shaft	1	
3	69578	Hook cover spring	1	
4	53621	Hook cover spring set screw	1	
5	69622	Hook cover spring set screw nut	1	
6	59537	Free arm cover *10, *11	1	
7	69336	Free arm cover set screw	1	
8	59538	Free arm-end cover	1	
9	53847	Free arm-end cover set screw	1	
10*	59668	Free arm cover felt (1)	(1)	
11*	59669	Free arm cover felt (2)	(1)	
12	59544	Snap-on sewing table pin set plate	1	
13	34125	Snap-on sewing table pin set plate set screw	1	
14	55722	Snap-on sewing table pin	2	

16-2. BASE

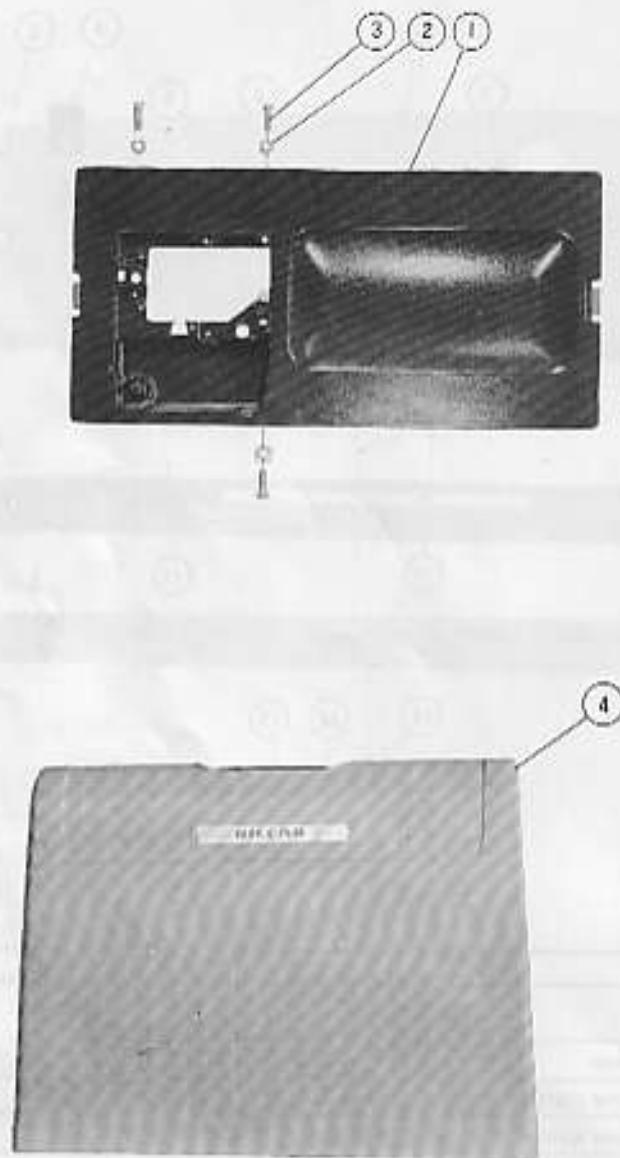


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	69807	Free arm base complete	1	
2	05467	Free arm base set screw washer	3	
3	53809	Free arm base set screw	3	
4	41201	Base cover	1	

16-3. SNAP-ON SEWING TABLE

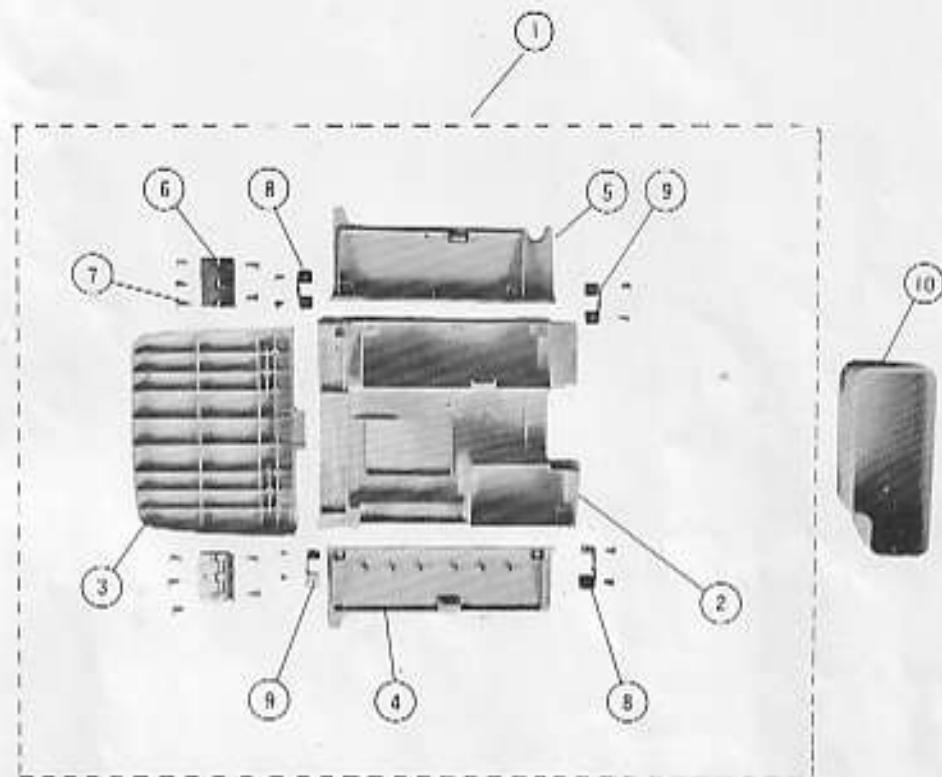


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	41204	Snap on sewing table complete *2 ~ 9 μ 42.00 ▷	1	
2*	41205	Table	(1)	
3*	41206	Extension table	(1)	
4*	41207	Cover (1)	(1)	
5*	41208	Cover (2)	(1)	
6*	63061	Hinge-(J)-13	(2)	
7*	63001	Screw screw for sewing table	(18)	
8*	63062	Hinge-(J)-14 (1)	(2)	
9*	63062	Hinge-(J)-14 (2)	(2)	
10	41209	Controller box	1	

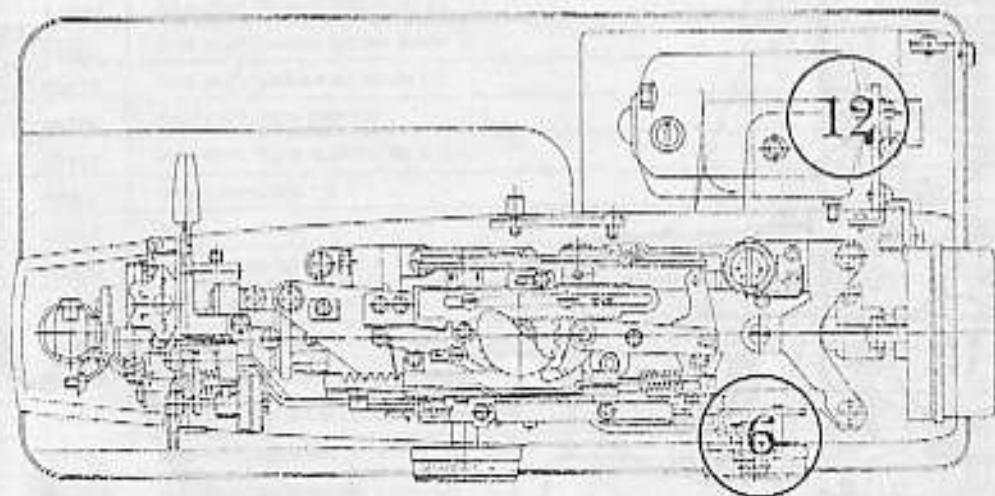
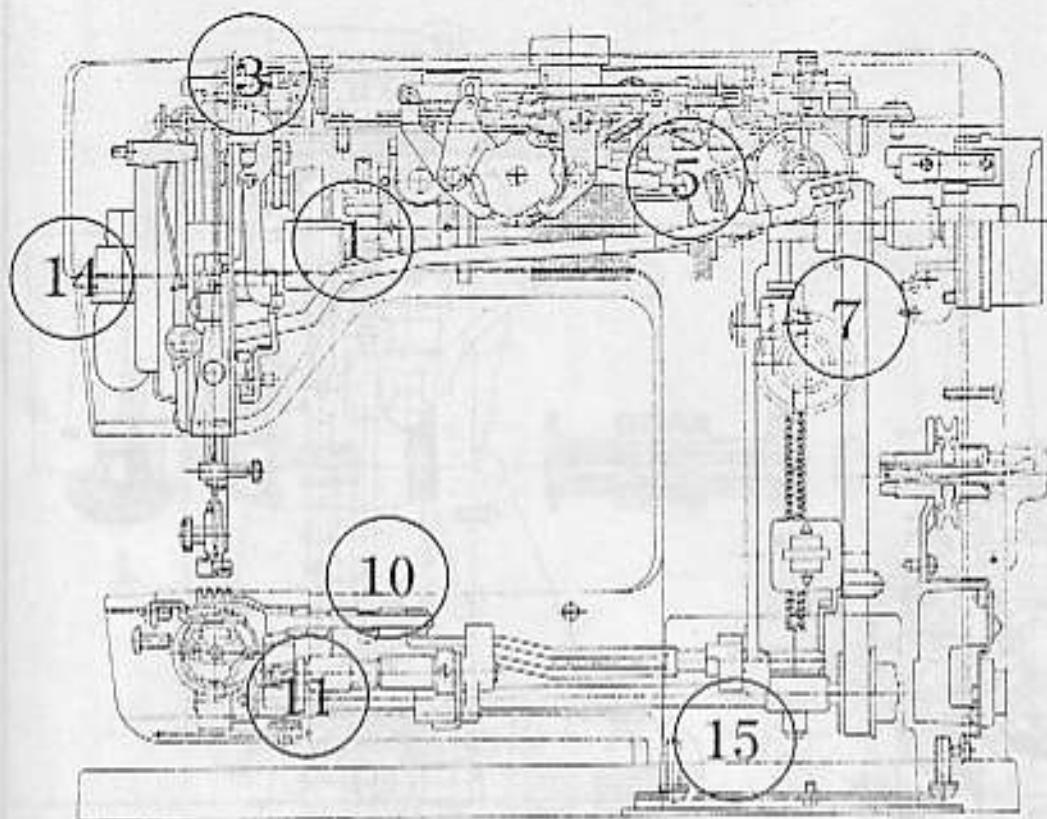
*Riccar*  
**PARTS LIST**  
MODEL 808E

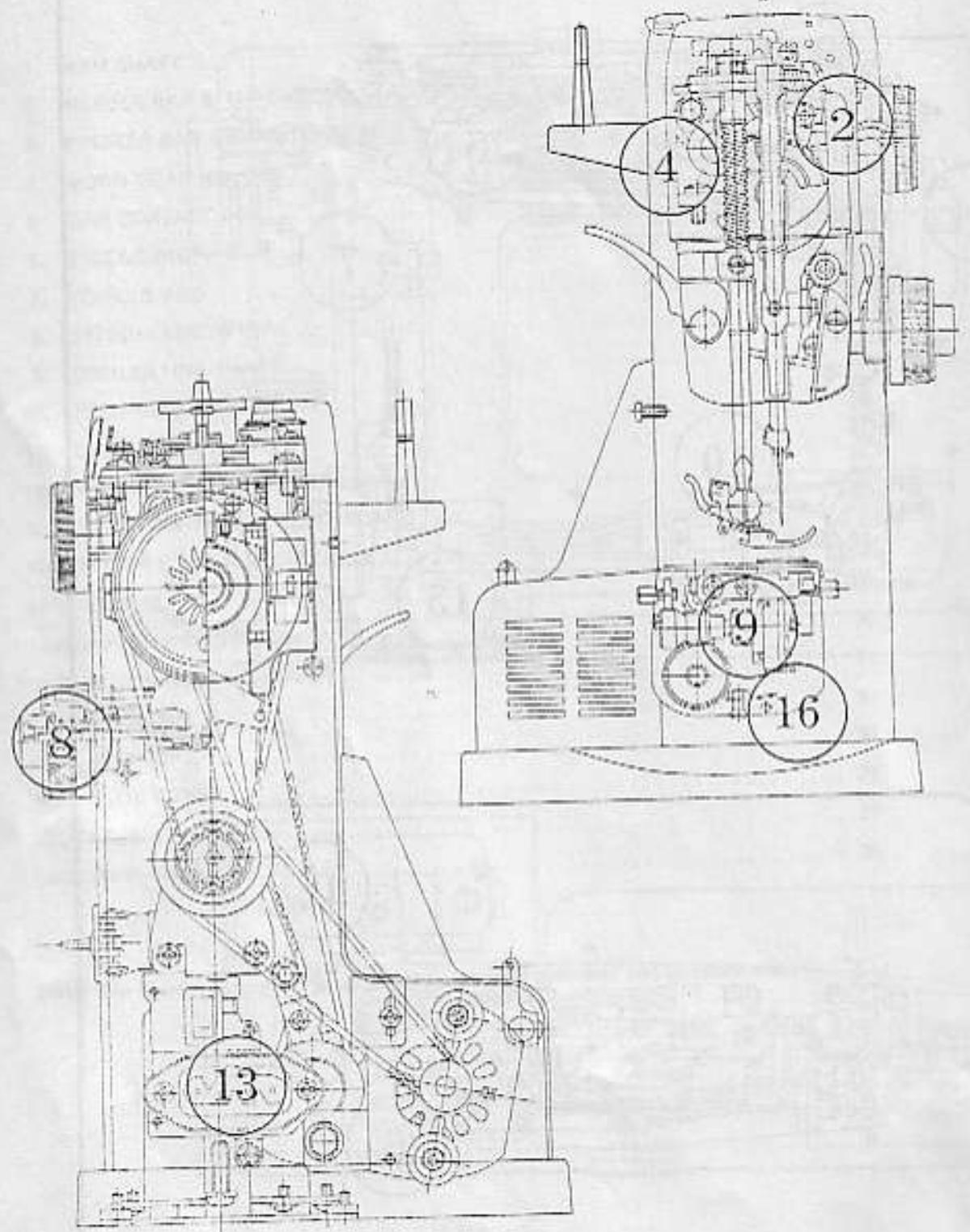
RTBCK

## CONTENTS

	Page
1. ARM SHAFT .....	3
2. NEEDLE BAR & THREAD TAKE-UP LEVER .....	4
3. PRESSER BAR & DIAL TENSION .....	5
4. WORM GEAR HOLDER .....	7
5. CAM CONTACT BOX .....	8
6. ZIGZAG WIDTH DIAL .....	15
7. FORKED ROD .....	16
8. STITCH LENGTH DIAL .....	17
9. OSCILLATING SHAFT .....	19
10. FEED ROCK SHAFT .....	21
11. DROP FEED .....	22
12. MOTOR & FOOT CONTROLLER .....	23
13-1. SPEED CONTROL CIRCUIT BOARD .....	25
13-2. POWER CORD & RECEPTACLE .....	27
14-1. FACE PLATE .....	29
14-2. MOTOR DRIVE BELT COVER .....	30
14-3. MOTOR HOUSING COVER .....	31
14-4. SPOOL PIN .....	32
15. ARM COVER .....	33
16-1. HOOK COVER .....	34
16-2. BASE .....	35
16-3. SNAP-ON SEWING TABLE .....	36

Note: The figure nos. marked \* show that those parts are assembled into complete ones.





# 1. ARM SHAFT

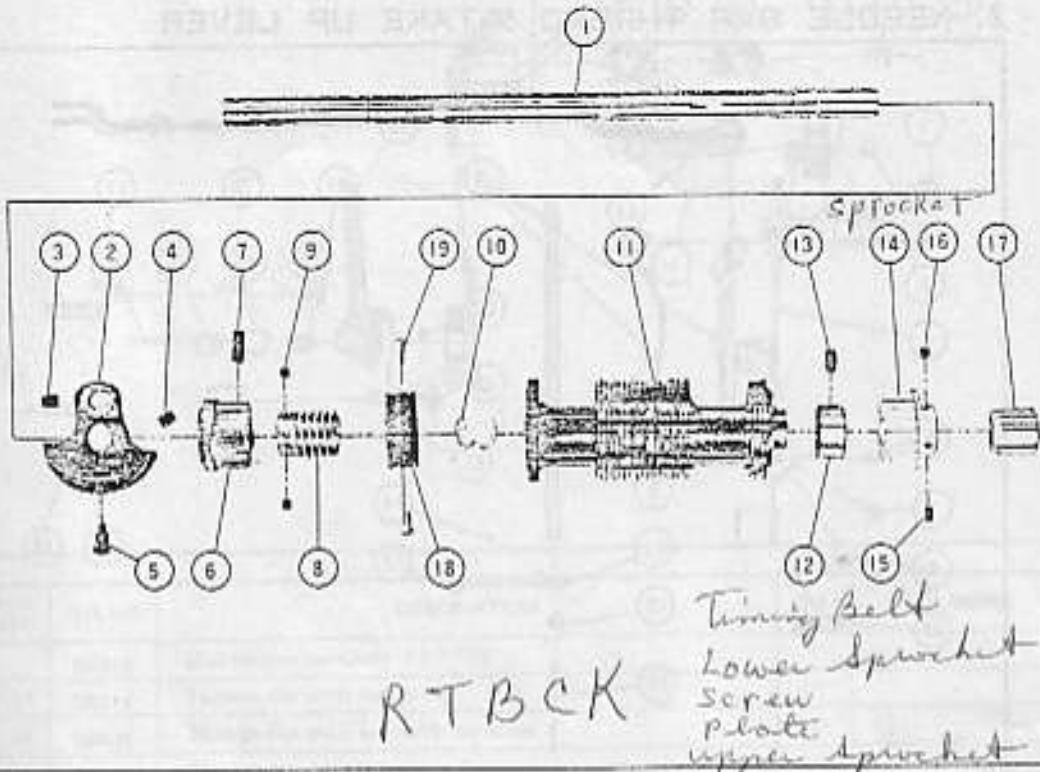


FIG NO.	RIG NO.	DESCRIPTION	Q'TY	MEMO
1	59303	Arm shaft	1	
2	59005	Arm shaft balance complete *3, *4	1	
3*	11089	Arm shaft balance set pin screw	(1)	
4*	11089	Arm shaft balance set pin screw	(1)	
5	56572	Arm shaft balance set screw (2)	1	
6	50304	Arm shaft front bushing	1	
7	55117	Arm shaft front bushing set screw	1	
8	59307	Worm complete *9	1	
9*	59377	Worm set screw	(2)	
10	50309	Pattern cam setting	1	
11	59336	Pattern cam complete	1	
12	59507	Stitch length feed cam complete	1	
13	11089	Stitch length feed cam set screw	1	
14	56070	Arm shaft sprocket complete *15, *16	1	
15*	56146	Arm shaft sprocket set screw (1)	(1)	
16*	11272	Arm shaft sprocket set screw (2)	(1)	
17	56157	Arm shaft rear bushing	1	
18	59572	Arm shaft collar complete *19	1	
19*	59579	Arm shaft collar set screw	(2)	

## 2. NEEDLE BAR THREAD & TAKE UP LEVER

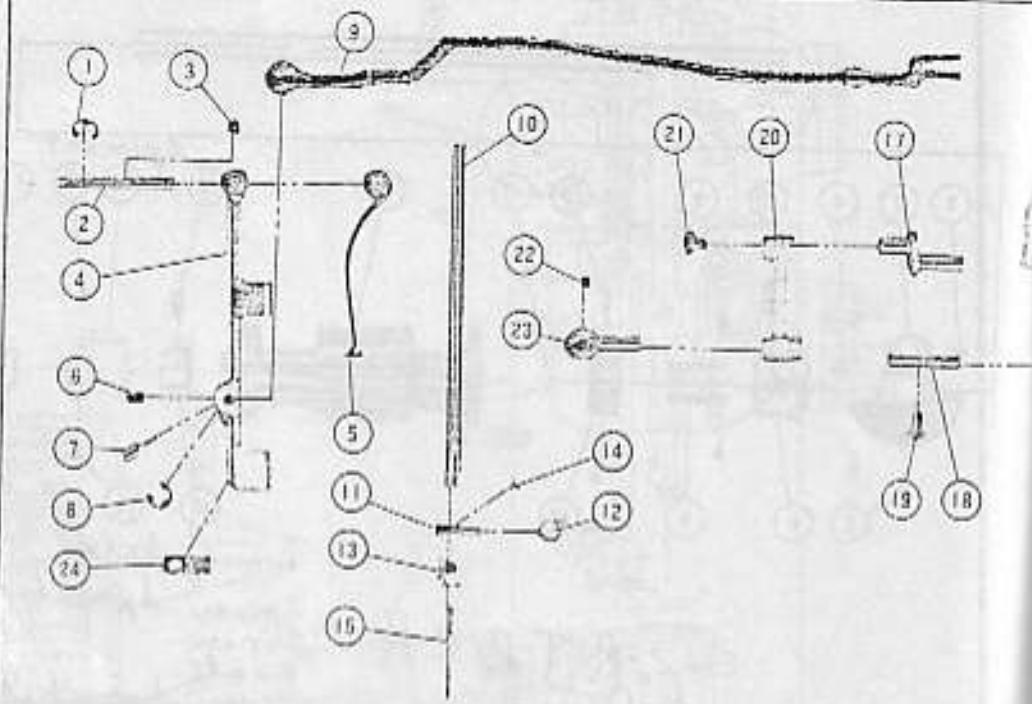


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	56047	Needle bar supporter pin set ring	1	
2	68533	Needle bar supporter pins	1	
3	63632	Needle bar supporter pin set screw	1	
4	56044	Needle bar supporter	1	
5	63312	Needle bar supporter spring	1	
6	91363	Needle bar driving rod pin set screw	1	
7	55053	Needle bar driving rod pin	1	
8	56047	Needle bar driving rod pin set ring	1	
9	59311	Needle bar driving rod	1	
10	55015	Needle bar	1	
11	55016	Needle clamp complete *12	1	
12*	59065	Needle clamp screw	(1)	
13	59686	Needle bar thread guide *14	1	
14*	55018	Needle clamp set screw	(1)	
15	82730	Needle No. 90	1	
16	58925	Thread take up lever complete *17, *18	1	
17*	58926	Arm shaft balance pin	(1)	
18*	58675	Thread take up lever supporting shaft	(1)	
19	52929	Thread take up lever supporting shaft set screw	1	
20	58135	Needle bar crank rod complete *23	1	
21	51105	Arm shaft balance pin left screw	1	
22	51114	Needle bar bracket set screw	1	
23*	59824	Needle bar bracket (11)(2)	(1)	
24	53311	Needle bar supporter stopper	1	

### 3-1. PRESSER BAR & DIAL TENSION

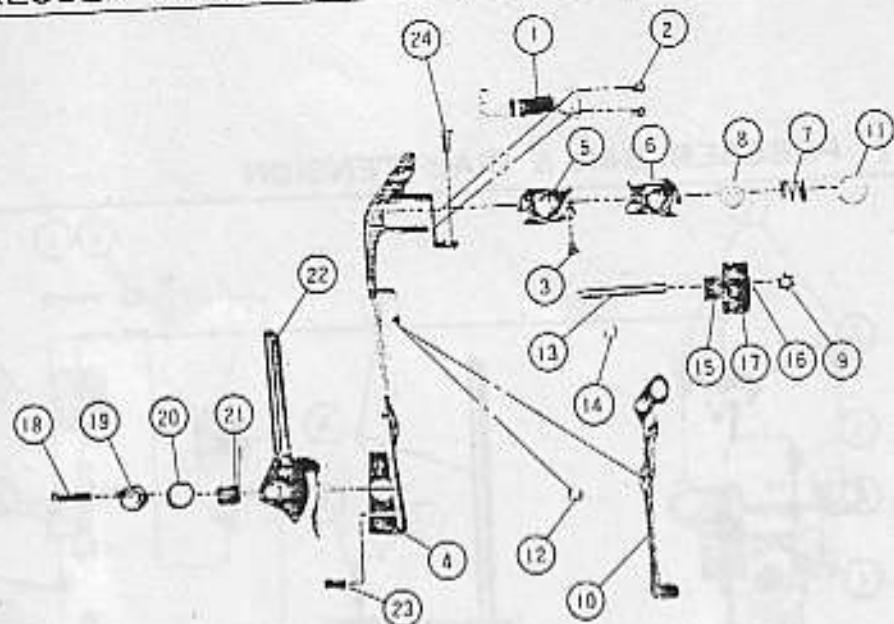


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
	59312	Dial tension complete *1 ~ *22	1	
1*	59314	Tension dial shaft support	(1)	
2*	06408	Tension dial shaft support set screw	(1)	
3*	01214	Tension disk (1) set screw	(1)	
4*	69313	Dial tension supporter	(1)	
5*	59320	Tension disk (1)	(1)	
6*	69321	Tension disk (2)	(1)	
7*	59323	Tension spring	(1)	
8*	60333	Tension spring stopper	(1)	
9*	59325	Tension dial shaft spring	(1)	
10*	59322	Tension release lever	(1)	
11*	69324	Tension adjusting gear	(1)	
12*	59319	Tension release lever set ring	(1)	
13*	60318	Tension dial shaft	(1)	
14*	59319	Tension dial shaft set ring	(1)	
15*	59317	Tension dial (1)	(1)	
16*	59320	Tension dial (2)	(1)	
17*	59331	Tension dial numeral plate	(1)	
18*	06407	Thread guide plate set screw	(1)	
19*	09329	Thread take up spring adjusting ring	(1)	
20*	59327	Thread take up spring body	(1)	
21*	59326	Thread take up spring	(1)	
22*	59329	Thread guide plate	(1)	
23	56335	Dial tension supporter set screw (1)	1	
24	34026	Dial tension supporter set screw (2)	1	

### 3-2. PRESSER BAR & DIAL TENSION

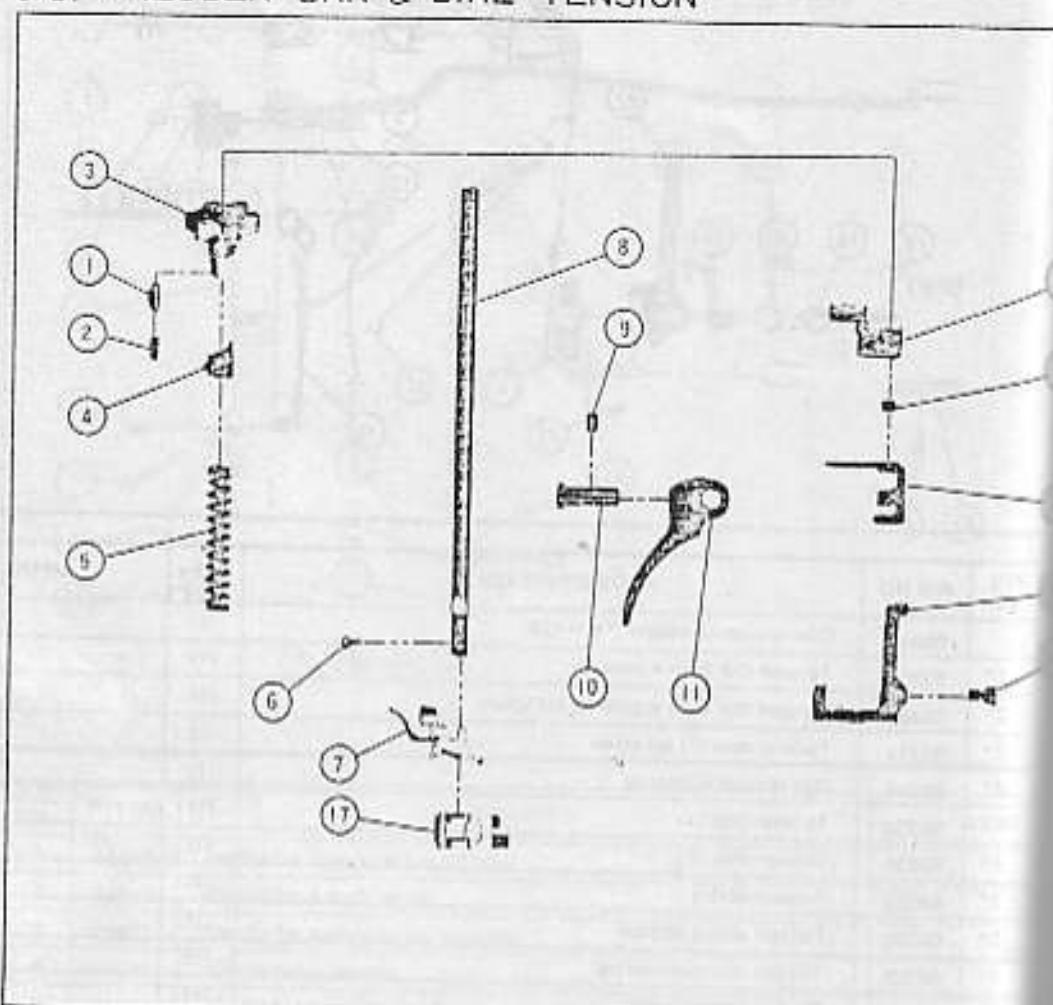


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEM
1	34082	Pressure regulating dial stopper pin	1	
2	34083	Pressure regulating dial stopper pin spring	1	
3	58502	Pressure regulating dial	1	
4	34084	Pressure spring supporter	1	
5	58547	Pressure spring	1	
6	93790	Shank set screw	1	
7	58806	Shank complete	1	
8	34086	Presser bar	1	
9	63632	Presser bar lifter set screw	1	
10	11060	Presser bar lifter pin	1	
11	55012	Presser bar lifter	1	
12	34090	Presser bar bracket complete *13	1	
13*	11063	Presser bar bracket set screw	(1)	
14	59335	Tension lever lifter	1	
15	59334	Tension lever	1	
16	55224	Tension lever step screw	1	
17	58816	Presser foot	1	

#### 4. WORM GEAR HOLDER

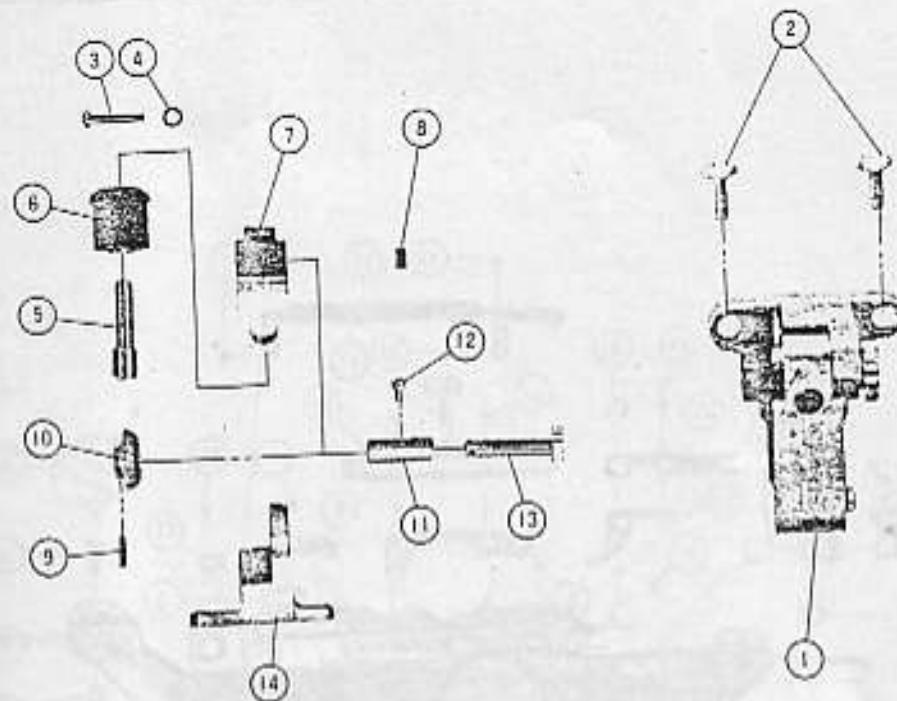


FIG. NO.	RIS NO.	DESCRIPTION	QTY	MEMO
1	59368	Worm gear holder complete *3 ~ *14	1	
2	63847	Worm gear holder set screw	2	
3*	59379	Worm gear holder adjusting screw	(1)	
4*	67718	Worm gear holder adjusting screw washer	(1)	
5*	59372	Worm gear shaft	(1)	
6*	69371	Worm gear	(1)	
7*	59369	Holder (1)	(1)	
8*	56112	Worm gear shaft set screw	(1)	
9*	62182	Clear (1) set pin	(1)	
10*	59373	Gear (1)	(1)	
11*	59376	Gear shaft bushing	(1)	
12*	34036	Gear shaft bushing set screw	(1)	
13*	59374	Gear (2)	(1)	
14*	59370	Holder (2)	(1)	

## 5-1. CAM CONTACT BOX

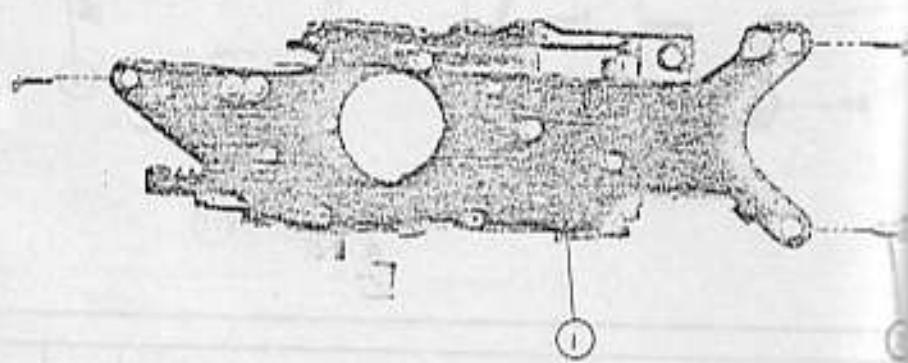
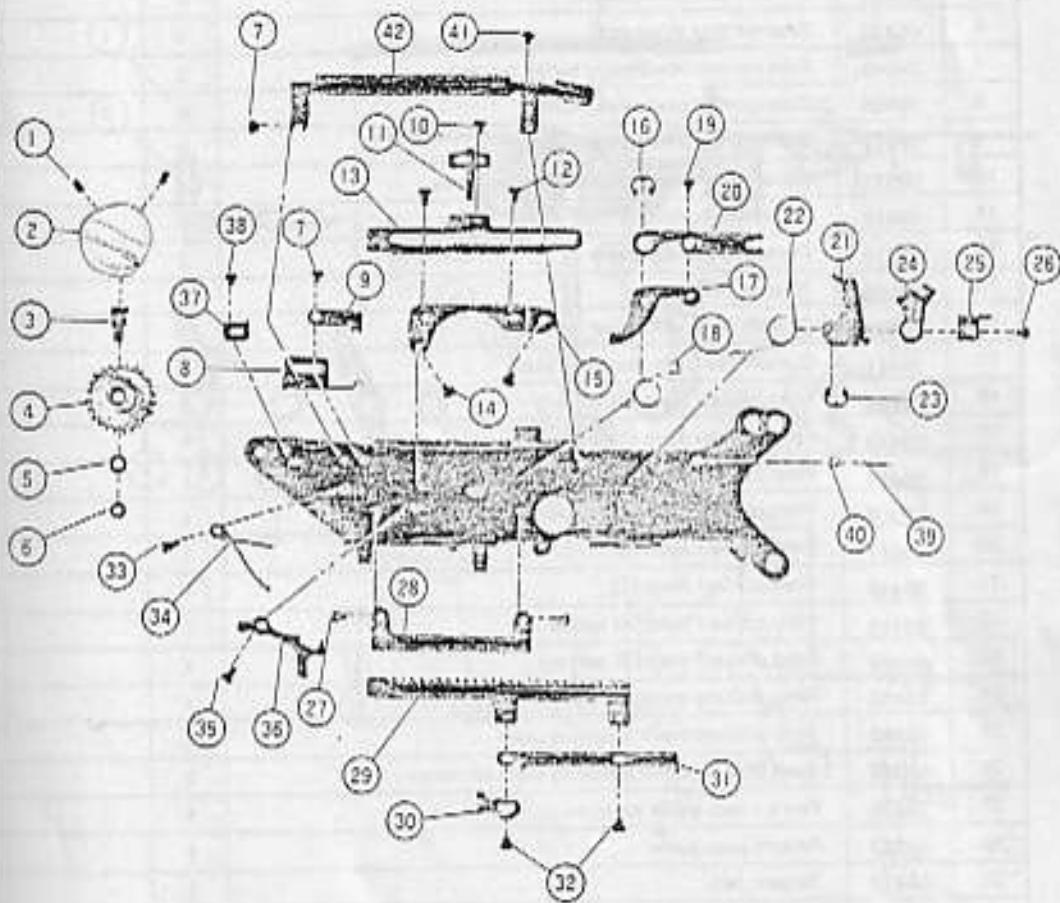


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY
1	53841	Zigzag width mechanism block assembly	1
2	53847	Zigzag width mechanism block set screw	3

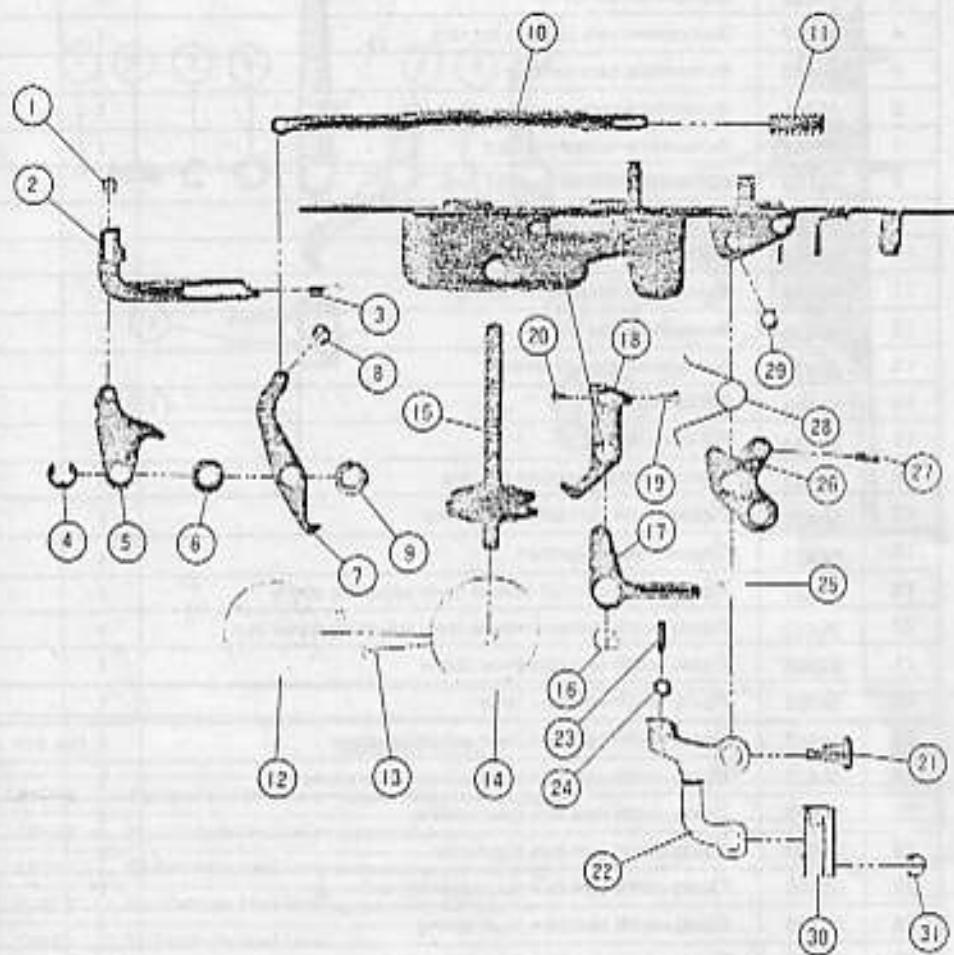
5-2. CAM CONTACT BOX



## 5-2. CAM CONTACT BOX

FIG. NO.	HIS NO.	DESCRIPTION	Q'TY	MDL
1	55112	Selector knob set screw	2	
2	58405	Selector knob	1	
3	59407	Selector gear screw	1	
4	58406	Selector gear	1	
5	09462	Selector gear screw washer	1	
6	05433	Selector gear screw nut	1	
7	34046	Cam contact positioning spring set screw	2	
8	59408	Cam contact positioning spring	1	
9	59451	Cam contact positioning stopper	1	
10	59302	Zigzag width contact feed plate set screw	1	
11	59412	Zigzag width contact feed plate	1	
12	59410	Contact feed rack screw	2	
13	59409	Contact feed rack	1	
14	59332	Contact feed rack adjusting screw	2	
15	59411	Contact feed rack adjusting plate	1	
16	56109	Feed contact plate (1) set ring	1	
17	59413	Feed contact plate (1)	1	
18	04116	Feed contact plate spring	1	
19	50332	Feed contact plate (2) adjusting screw	1	
20	59417	Feed contact plate (2)	1	
21	59418	Feed contact plate (3)	1	
22	59415	Feed contact plate (3) spring	1	
23	50169	Feed contact plate (3) set ring	1	
24	59458	Auto shifting crank	1	
25	59459	Auto shifting crank adjusting plate	1	
26	59332	Auto shifting crank adjusting plate set screw	2	
27	59332	Pattern rack guide set screw	1	
28	59423	Pattern rack guide	1	
29	59422	Pattern rack	1	
30	59460	Buttonhole adjuster	1	
31	59461	Pattern indicator	1	
32	59332	Pattern indicator set screw	2	
33	59550	Buttonhole cam contact spring support screw	1	
34	59430	Buttonhole cam contact spring	1	
35	59410	Stopper screw	1	
36	59424	Stopper	1	
37	59557	Contact feed rack stopper	1	
38	59332	Contact feed rack stopper set screw	1	
39	07408	Pattern link stopper screw	1	
40	05432	Pattern link stopper screw nut	1	
41	59332	Cord holder set screw	1	
42	70699	Cord holder	1	

5-3. CAM CONTACT BOX



## 5-3. CAM CONTACT BOX

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59378	Buttonhole cam contact link	1	
2	59431	Buttonhole link	1	
3	59432	Buttonhole spring	1	
4	56047	Buttonhole cam contact set ring	1	
5	59428	Buttonhole cam contact	1	
6	56241	Buttonhole cam contact washer (2)	1	
7	59454	Buttonhole release contact	1	
8	56193	Buttonhole release link set ring	1	
9	59433	Buttonhole cam contact washer (11)	1	
10	59456	Buttonhole release link	1	
11	59457	Buttonhole release link spring	1	
12	59430	Buttonhole dial plate	1	
13	05430	Buttonhole dial set screw	1	
14	59468	Buttonhole dial	1	
15	59434	Buttonhole cam	1	
16	56047	Stopper release contact set ring	1	
17	50427	Zigzag width contact release lever	1	
18	59429	Stopper release contact	1	
19	59332	Zigzag width contact release lever adjusting screw	1	
20	05412	Zigzag width contact release lever adjusting screw nut	1	
21	59395	Zigzag width cam box lever screw	1	
22	59396	Zigzag width cam box lever	1	
23	50462	Zigzag width cam box lever adjusting screw	1	
24	05433	Zigzag width cam box lever adjusting screw nut	1	
25	51972	Zigzag width cam box lever washer	1	
26	59392	Zigzag width cam box supporter	1	
27	05405	Zigzag width cam box supporter set screw	1	
28	50398	Zigzag width cam box lever spring	1	
29	05433	Zigzag width cam box lever screw nut	1	
30	59393	Zigzag width cam box	1	
31	56047	Zigzag width cam box set ring	1	

## 5-4. CAM CONTACT BOX

KOB TOATMDO MAG ZEN

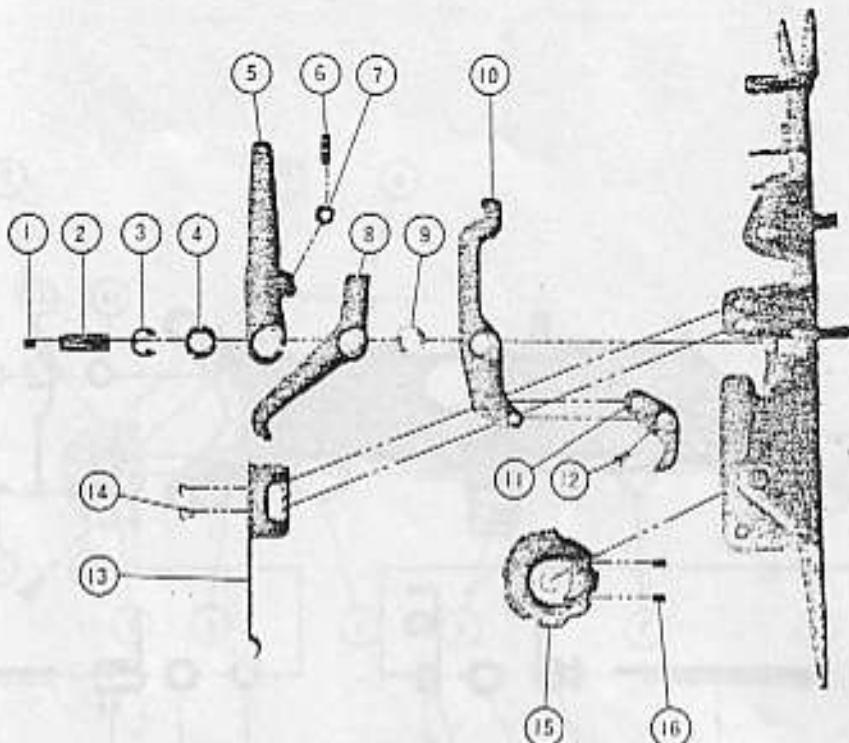


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	51754	Buttonhole feed lever supporting pin set screw	1	
2	59445	Buttonhole feed lever supporting pin	1	
3	56047	Buttonhole feed lever supporting pin set ring	1	
4	51972	Buttonhole feed lever supporting pin washer	1	
5	59444	Buttonhole feed lever	1	
6	59549	Buttonhole feed lever adjusting screw	1	
7	05433	Buttonhole feed lever adjusting screw nut	1	
8	59442	Buttonhole feed contact	1	
9	51972	Buttonhole feed lever washer	1	
10	59440	Feed contact release lever (A)	1	
11	59441	Feed contact release lever (B)	1	
12	05412	Feed contact release lever (A) adjusting screw	1	
13	59439	Buttonhole positioning spring	1	
14	59332	Buttonhole positioning spring set screw	2	
15	59437	Buttonhole feed cam complete *16	1	
16*	51754	Buttonhole feed cam set screw	(2)	

5-5. CAM CONTACT BOX

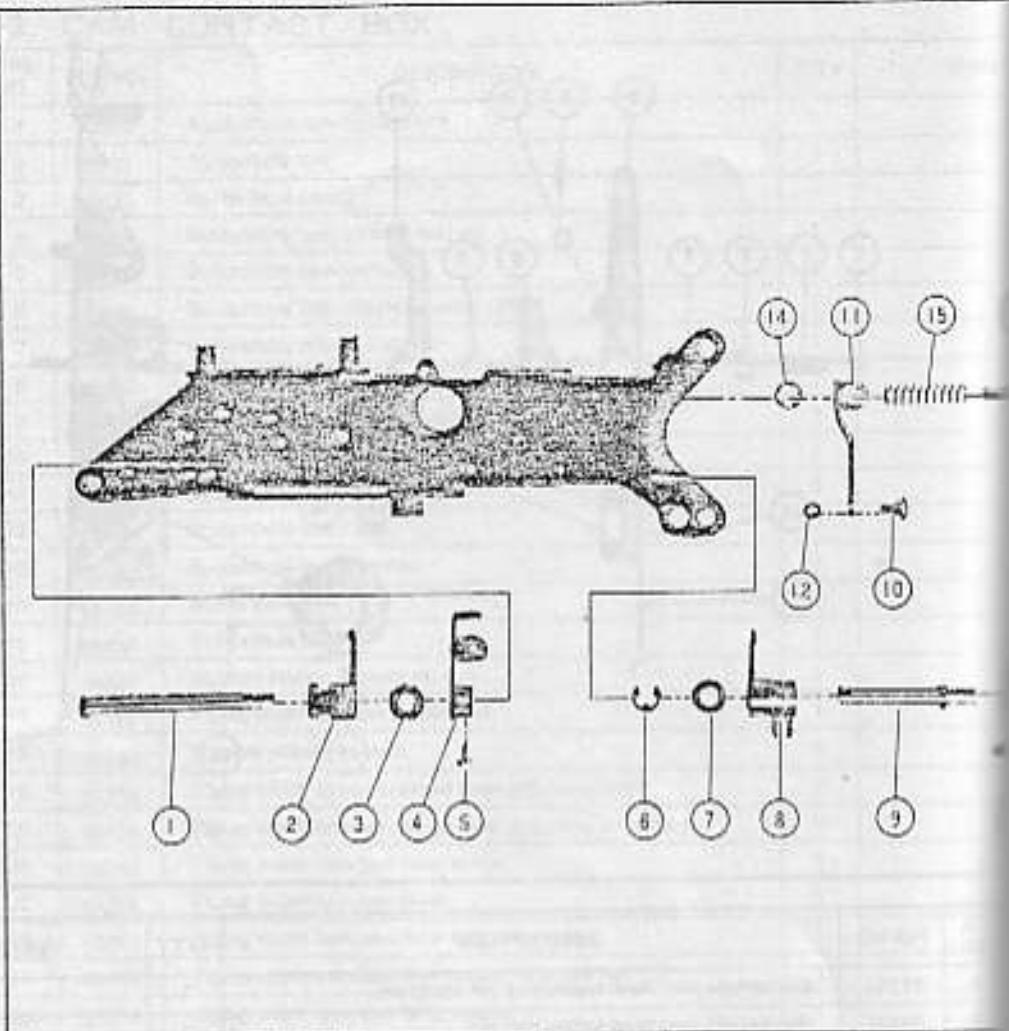


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY
1	59401	Zigzag width cam contact shaft	1
2	59300	Zigzag width cam contact	1
3	51066	Zigzag width cam contact shaft washer	1
4	59403	Zigzag width regulating lever	1
5	340316	Zigzag width regulating lever set screw	1
6	56047	Feed contact shaft set ring	1
7	51066	Feed contact shaft washer	1
8	59300	Feed contact	1
9	59446	Feed contact shaft	1
10	59453	Pattern selector link set screw	1
11	59452	Pattern selector link	1
12	05433	Pattern selector link set screw nut	1
13	59449	Pattern selector lever	1
14	59651	Pattern adjusting nut set ring	1
15	59650	Pattern adjusting nut spring	1
16	59470	Pattern adjusting nut	1

## 6 ZIGZAG WIDTH DIAL

GOR C04407

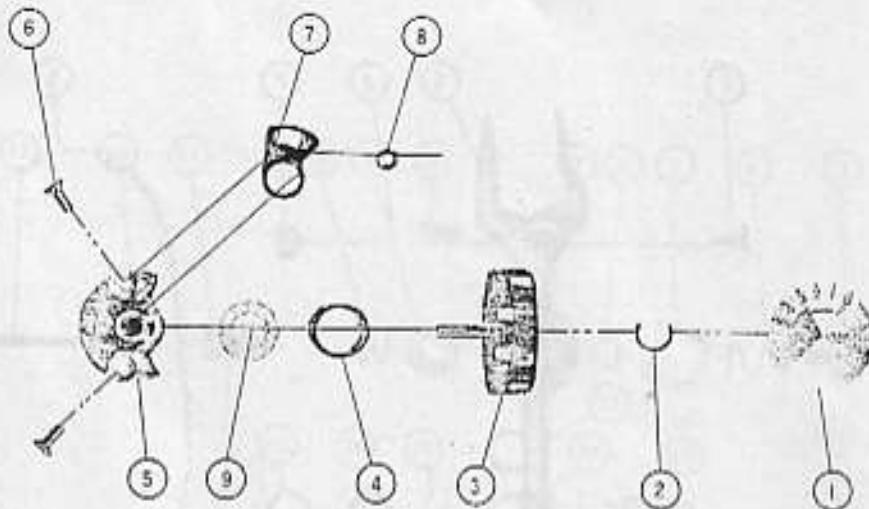


FIG. NO.	RIS NO.	DESCRIPTION	QTY	MEMO
1	60469	Zigzag width dial plate	1	
2	59409	Zigzag width dial set ring	1	
3	59466	Zigzag width dial	1	
4	52357	Zigzag width dial adjusting spring	1	
5	59465	Zigzag width dial supporter	2	
6	05418	Zigzag width dial supporter set screw	2	
7	59559	Zigzag width dial stopper	1	
8	05433	Zigzag width dial stopper set nut	1	
9	59577	Zigzag width dial washer	1	

## 7. FORKED ROD

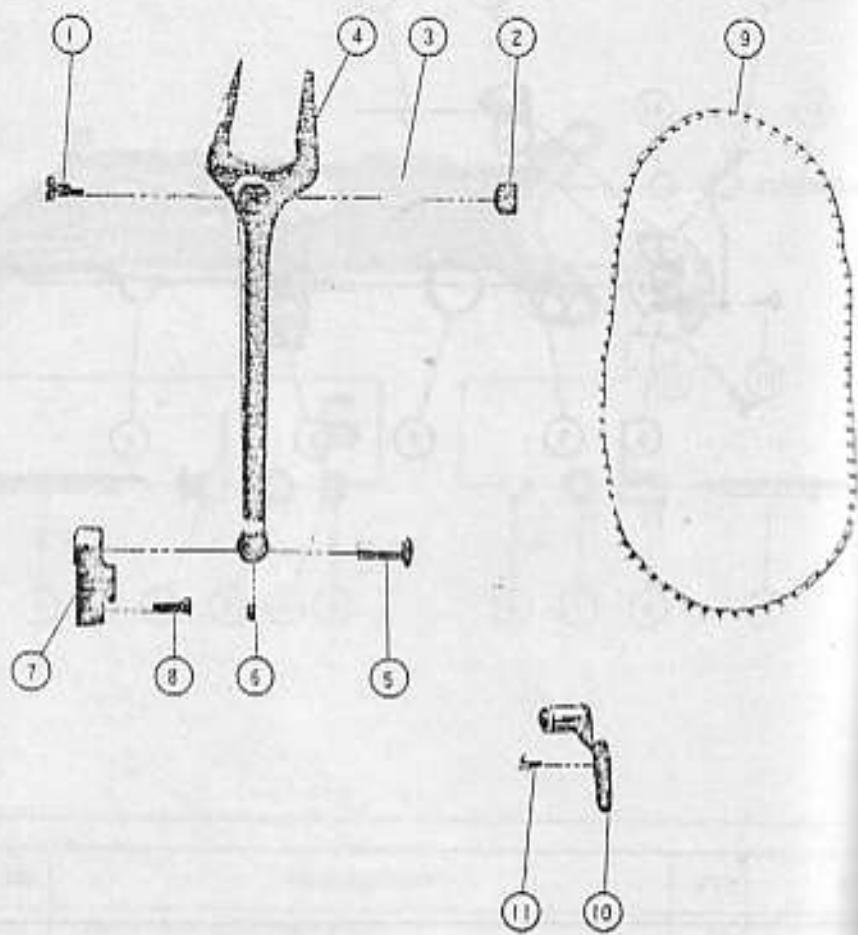
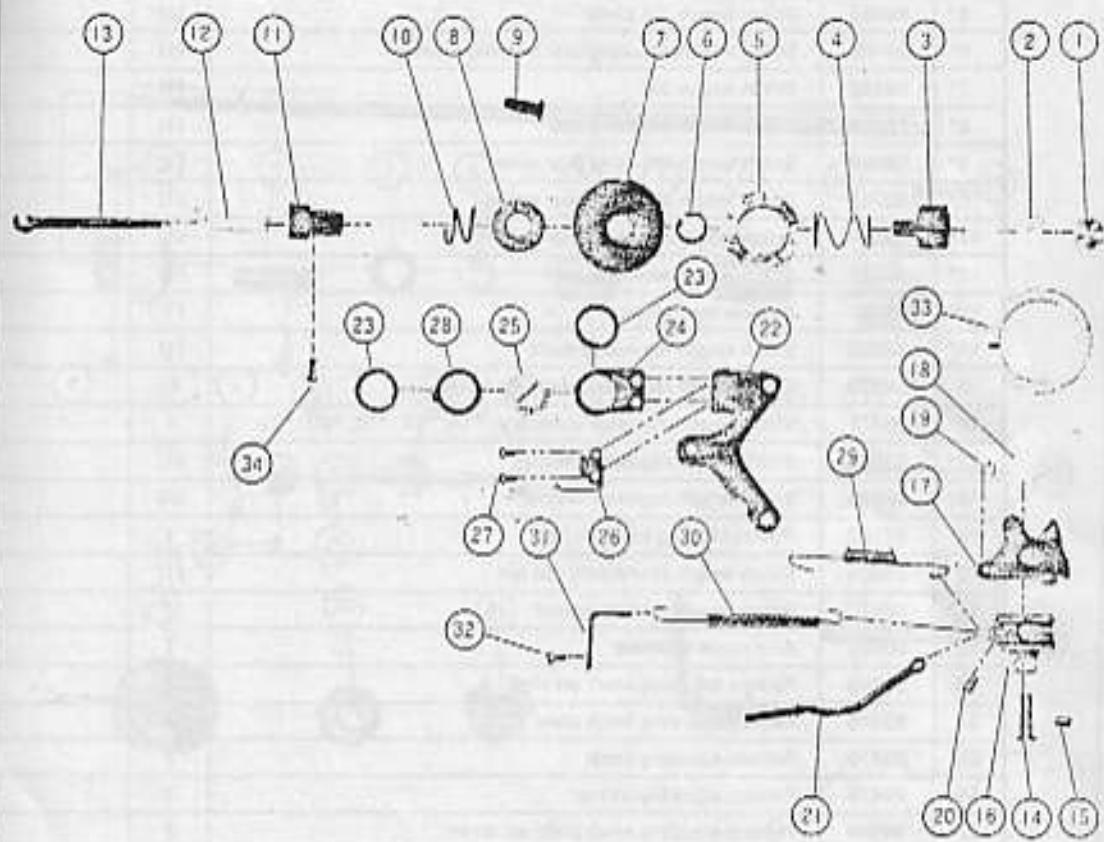


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY
1	11258	Feed regulating slide block shaft	1
2	56200	Feed regulating slide block	1
3	58196	Feed regulating slide block washer	1
4	56648	Forked rod adjusting	1
5	56583	Forked rod pin	1
6	51154	Forked rod pin set screw	1
7	53679	Feed rock shaft crank	1
8	11243	Feed rock shaft crank set screw	1
9	53952	Timing belt	1
10	53053	Belt adjusting plate complete	1
11	34036	Belt adjusting plate complete set screw	1

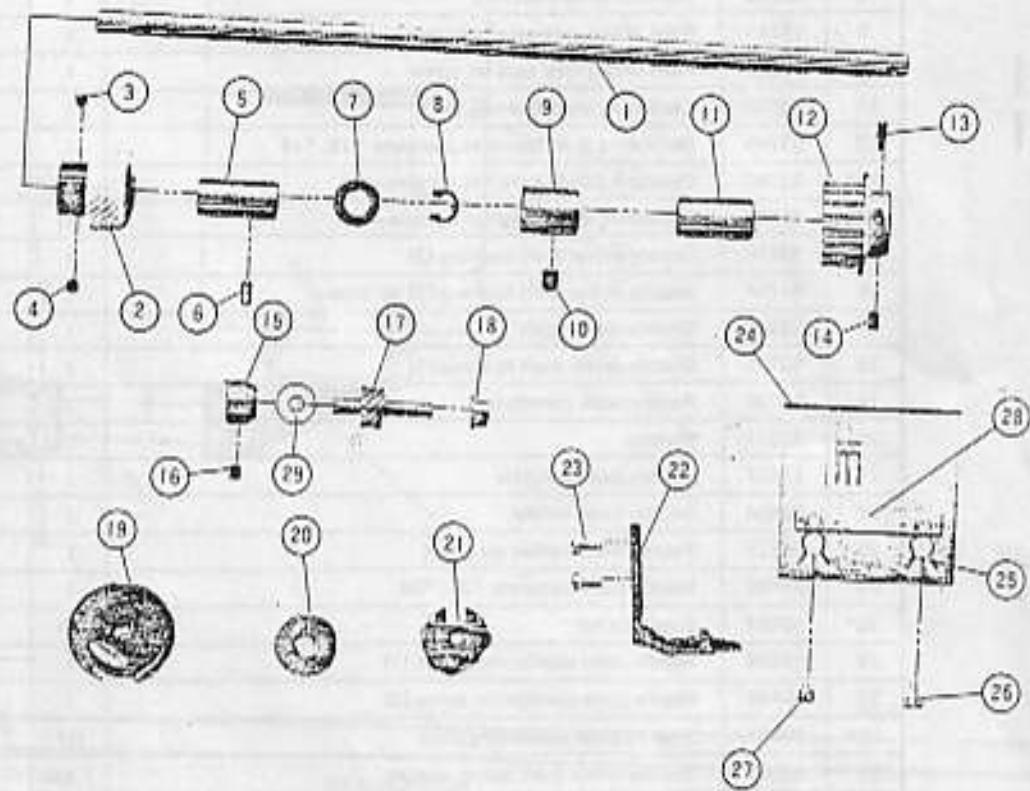
## 8. STITCH LENGTH DIAL



## 8. STITCH LENGTH DIAL

FIG. NO.	RIS NO.	DESCRIPTION	QTY	MEMO
	59481	Stitch length dial complete *1 ~ *13	1	
1*	59492	Reverse sewing button	(1)	
2*	59490	Buttonhole adjusting nut	(1)	
3*	59489	Buttonhole adjusting knob	(1)	
4*	59493	Reverse sewing lever spring	(1)	
5*	59483	Stitch length dial plate	(1)	
6*	59486	Stitch length adjusting gear bushing set ring	(1)	
7*	59482	Stitch length dial	(1)	
8*	58040	Stitch length adjusting gear	(1)	
9*	58050	Stitch length adjusting gear screw	(1)	
10*	52307	Stitch length adjusting gear spring	(1)	
11*	59404	Stitch length adjusting gear bushing	(1)	
12*	59483	Stitch length adjusting lever	(1)	
13*	59487	Reverse sewing lever	(1)	
14*	53082	Stitch length regulating shaft		
15	59306	Stitch length regulating shaft set screw	1	
16	59471	Stitch length regulator complete *14, *17, *18, *20, *21	1	
17*	53062	Stitch length regulating holder	(2)	
18*	58045	Stitch length regulator washer	1	
19	58103	Reverse sewing lever set ring	(1)	
20*	58004	Stitch length connecting rod pin	1	
21*	59172	Stitch length connecting rod	1	
22	59480	Arm cover sustainer	2	
23	34748	Pattern adjusting knob set ring	1	
24	59476	Pattern adjusting knob plate	1	
25	59475	Pattern adjusting knob	1	
26	59479	Pattern adjusting spring	2	
27	34044	Pattern adjusting knob plate set screw	1	
28	59477	Pattern adjusting knob stopper	1	
29	56564	Buttonhole spring complete	1	
30	59505	Reverse sewing spring	1	
31	53666	Reverse sewing spring holder	1	
32	34106	Reverse sewing spring holder set screw	1	
33	59494	Stitch length dial mark plate	1	
34	05428	Stitch length adjusting gear bushing set screw	1	

## 9. OSCILLATING SHAFT



## 9. OSCILLATING SHAFT

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY
1	53740	Oscillating shaft	1
2	53741	Oscillating shaft gear complete *3, *4	1
3*	58148	Oscillating shaft gear set screw (1)	(1)
4*	11272	Oscillating shaft gear set screw (2)	(1)
5	53748	Oscillating shaft bushing (1)	1
6	53634	Oscillating shaft bushing (1) set screw	1
7	53696	Oscillating shaft washer	1
8	56308	Oscillating shaft set ring	1
9	53743	Feed lifting rock cam complete	1
10	11089	Feed lifting rock cam set screw	1
11	53749	Oscillating shaft bushing (2)	1
12	53745	Oscillating shaft sprocket complete *13, *14	1
13*	53747	Oscillating shaft sprocket set screw (1)	(1)
14*	56146	Oscillating shaft sprocket set screw (2)	(1)
15	53716	Shuttle driver shaft bushing (2)	1
16	51754	Shuttle driver shaft bushing (2) set screw	1
17	53038	Shuttle driver shaft	1
18	53715	Shuttle driver shaft bushing (1)	1
19	53708	Rotary hook complete	1
20	91371	Bobbin	1
21	53037	Bobbin case complete	1
22	59834	Shuttle hook holder	1
23	34126	Shuttle hook holder set screw	1
24	59495	Needle plate complete *25, *28	1
25*	10497	Snap retainer	(2)
26	59499	Needle plate positioning screw (1)	1
27	59498	Needle plate positioning screw (2)	1
28*	59607	Snap retainer supporting plate	(1)
29	59003	Shuttle driver shaft spring washer	1

## 10. FEED ROCK SHAFT

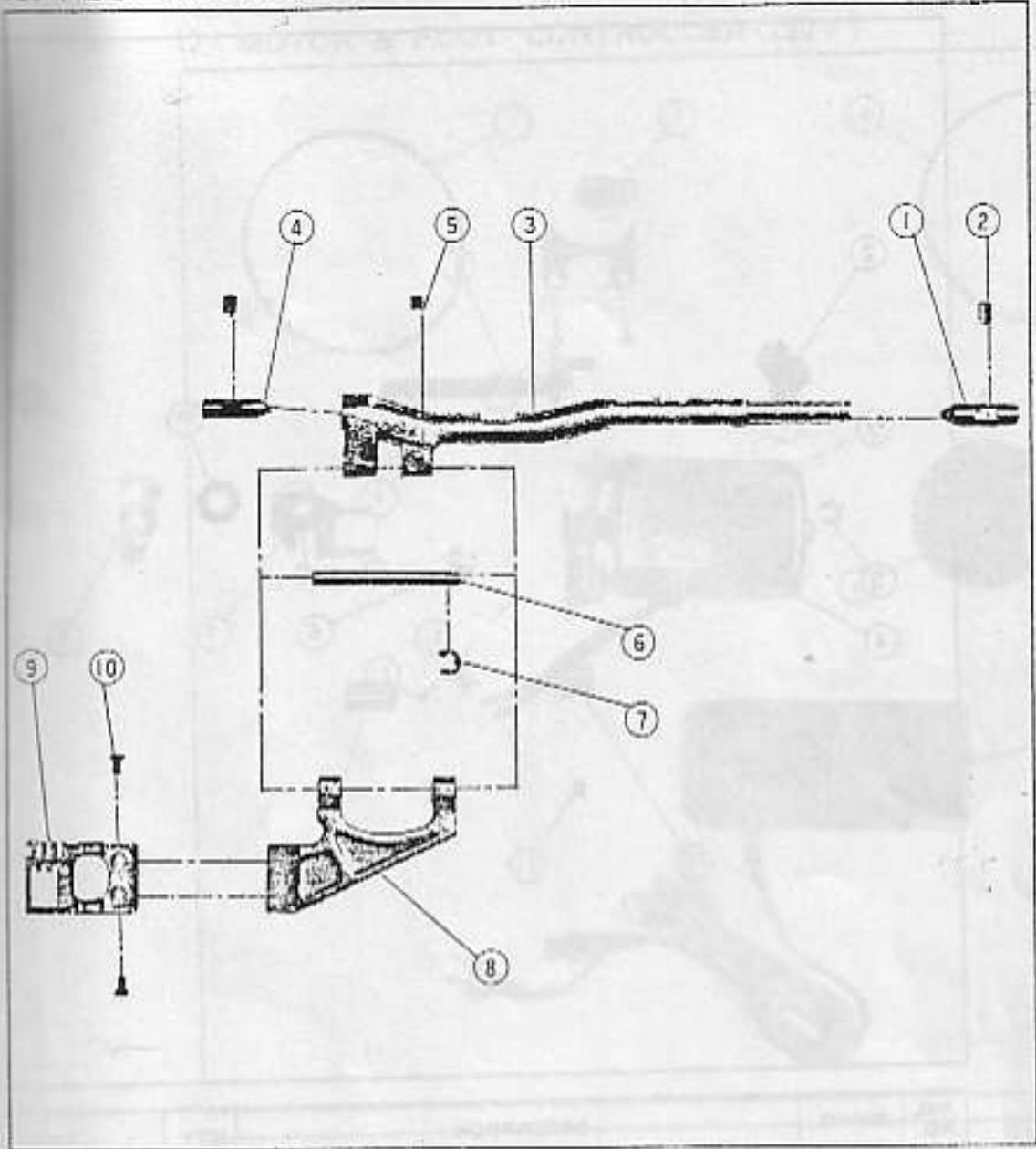


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	53046	Center bar (2)	1	
2	53638	Center bar set screw	2	
3	53677	Feed rock shaft complete *5 ~ *8	1	
4	53685	Center bar (1)	1	
5*	51154	Feed bar shaft set screw	(1)	
6*	53683	Feed bar shaft	(1)	
7*	56169	Feed bar shaft set ring	(1)	
8*	53020	Feed bar	(1)	
9	53604	Feed dog	1	
10	11234	Feed dog set screw	2	

## 11. DROP FEED

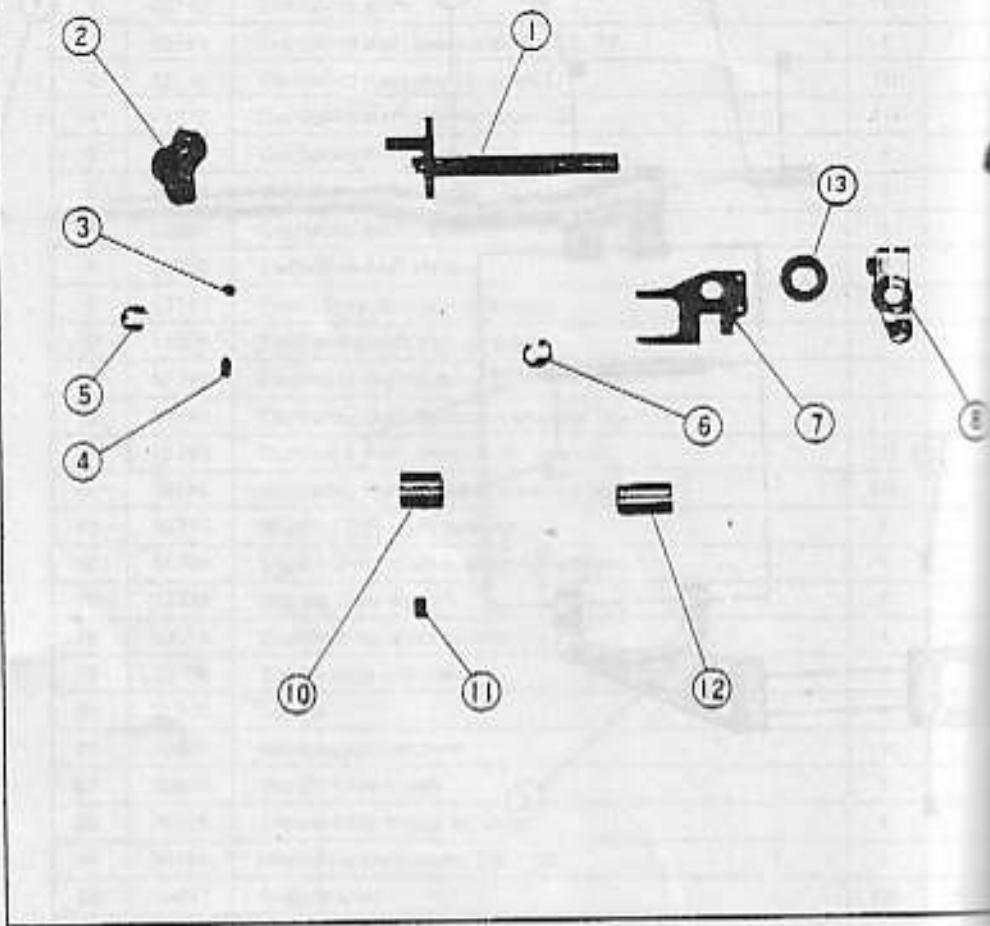


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY
1	53029	Feed lifting rock crank complete *2 ~ *6	1
2*	53023	Drop feed knob	(1)
3*	53024	Drop feed positioning steel ball	(1)
4*	53025	Drop feed positioning spring	(1)
5*	56047	Feed lifting rock crank set ring	(1)
6*	56308	Feed lifting rock shaft set ring	(1)
7	53699	Feed lifting rock plate	1
8	53033	Feed lifting adjusting crank	1
9	53031	Feed lifting shaft collar complete	1
10	53695	Feed lifting shaft bushing (2)	1
11	34125	Feed lifting shaft bushing (2) set screw	1
12	53694	Feed lifting shaft bushing (1)	1
13	53628	Feed lifting rock plate washer	2

12. MOTOR & FOOT CONTROLLER (220 V)

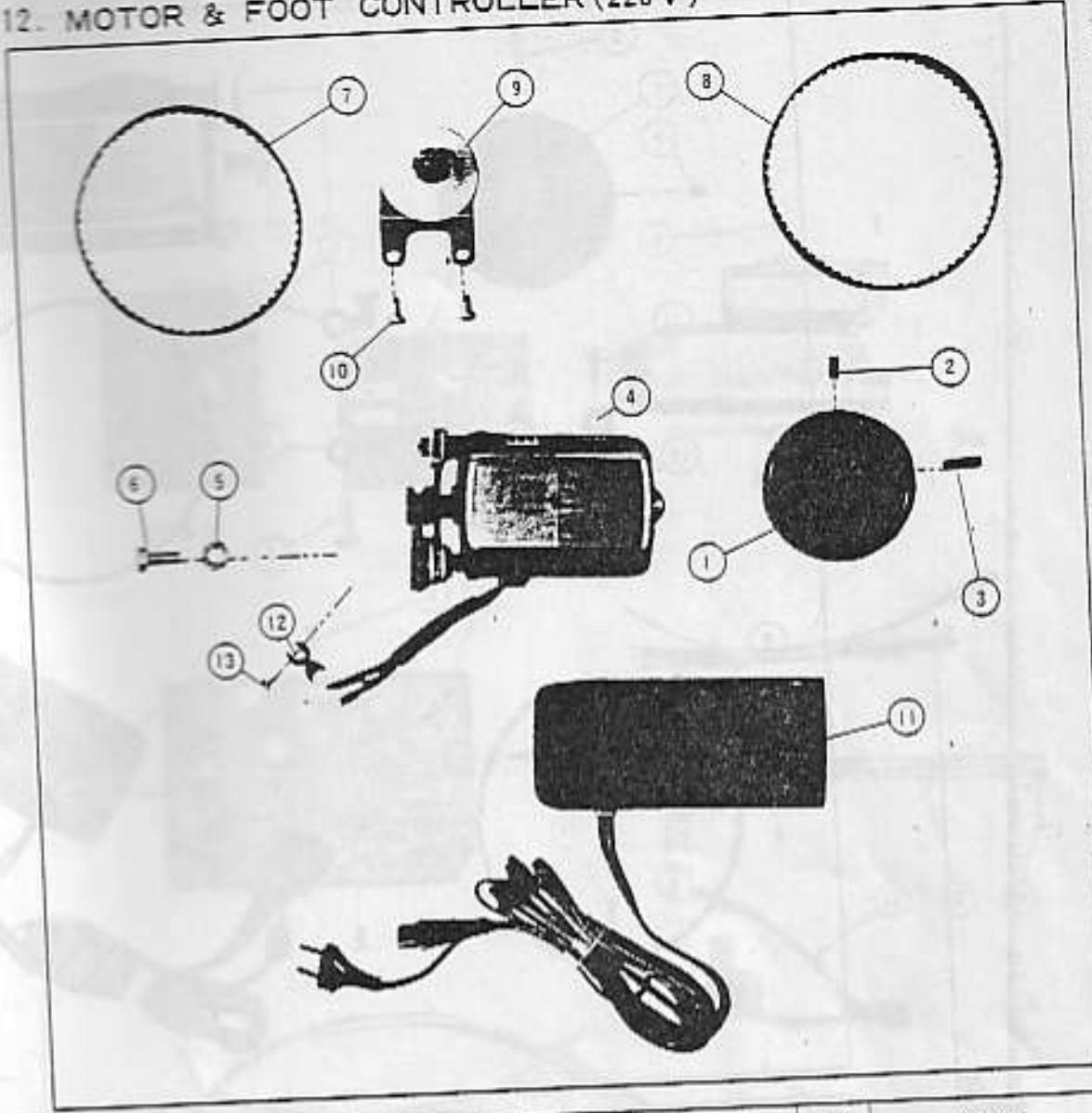


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	89806	Hand wheel	1	
2	59167	Magnet	1	
3	50508	Hand wheel set screw	1	
4	75087	Motor complete	1	
5	05467	Motor bracket set screw spring washer	1	
6	05427	Motor bracket set screw	1	
7	75362	Motor driving belt	1	
8	53849	Synchronized belt	1	
9	89510	Bobbin winder shaft complete	1	
10	55119	Bobbin winder holder set screw	2	
11	75631	Foot controller complete	1	
12	78720	Cord holder (4)	1	
13	55108	Cord holder set screw	1	

## 12. MOTOR & FOOT CONTROLLER (115V)

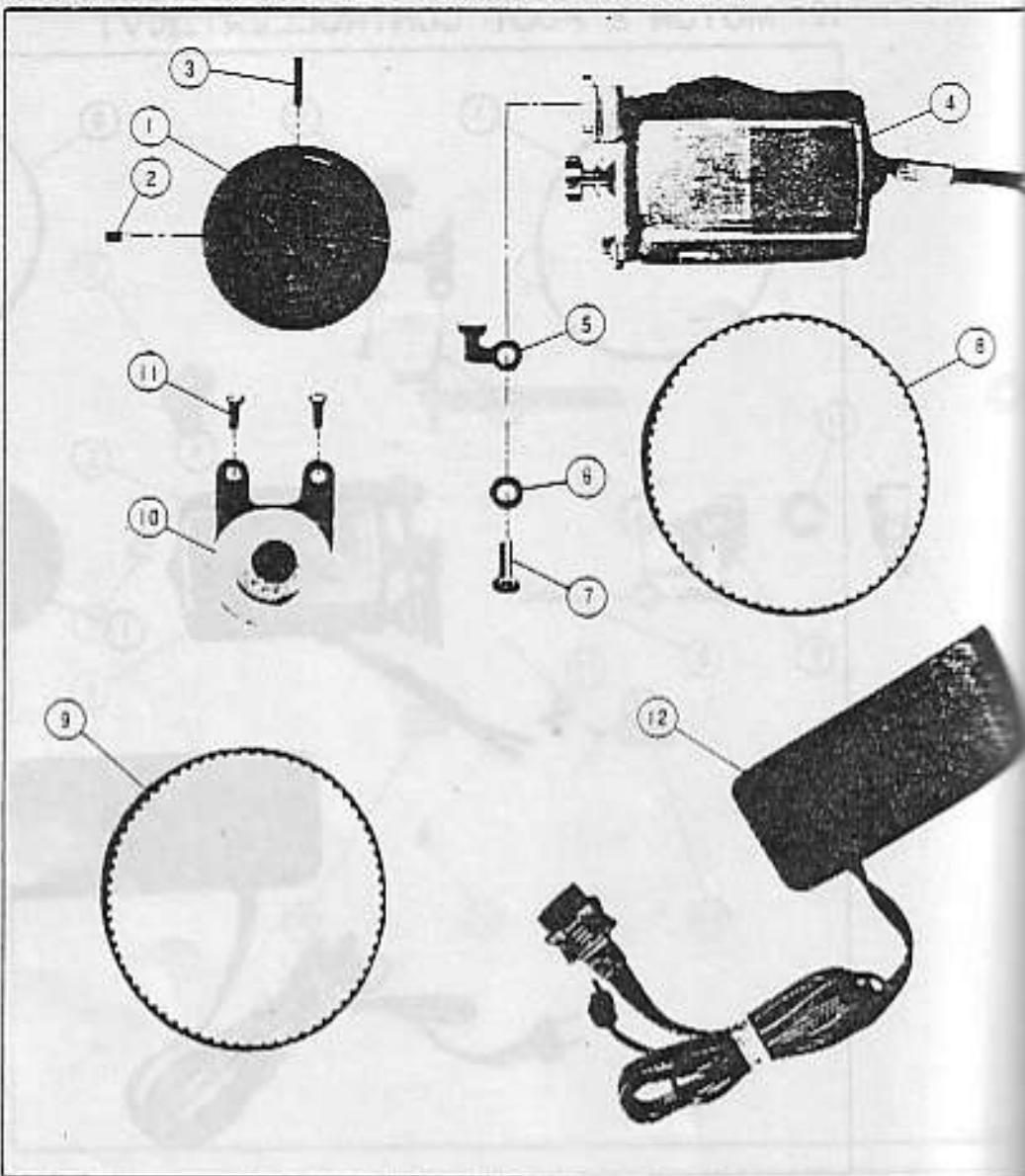
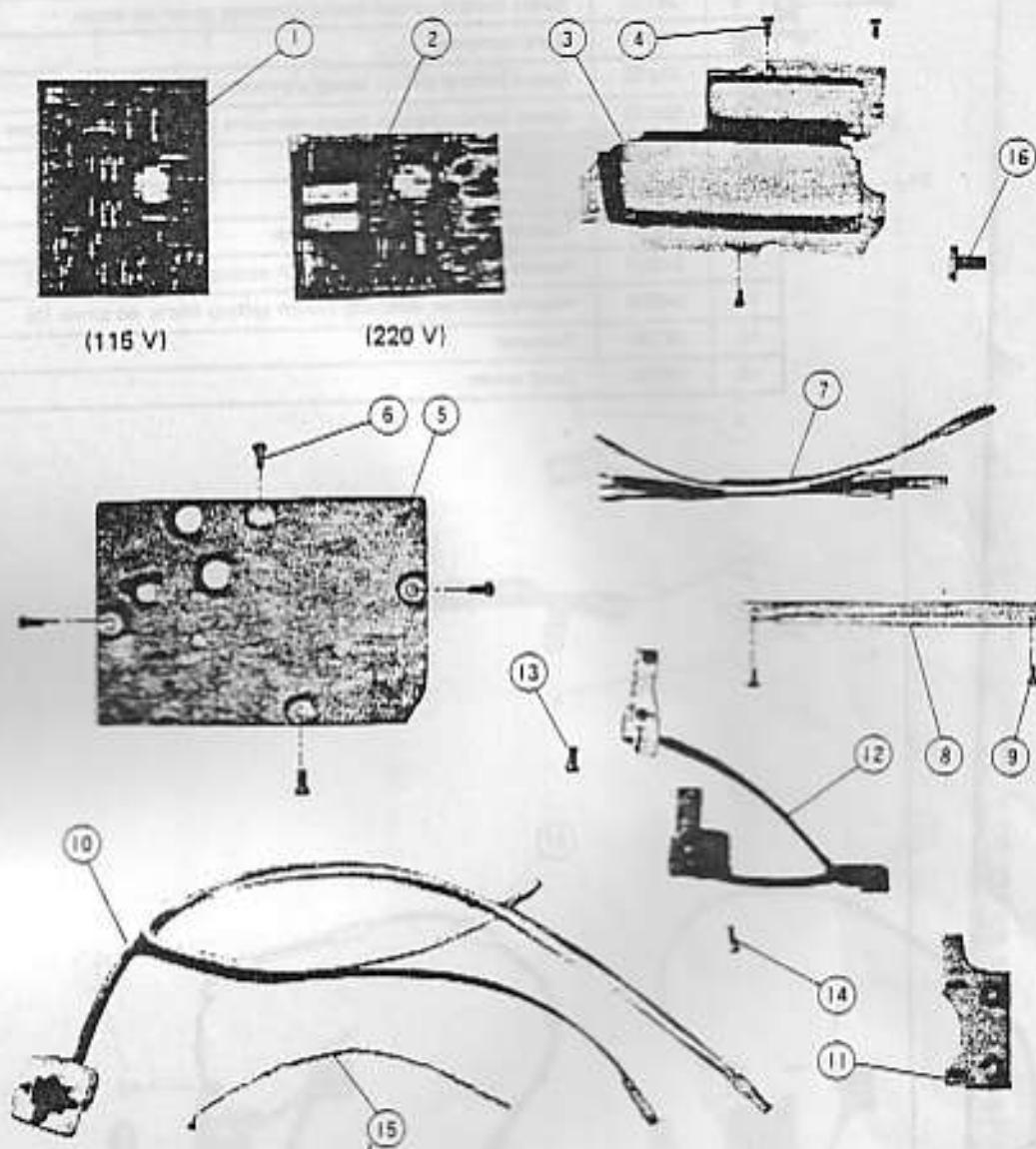


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MIN.
1	59808	Hand wheel	1	
2	59167	Magnet	1	
3	59808	Hand wheel set screw	1	
4	75086	Motor complete	1	
5	78830	Cord holder	1	
6	05487	Motor bracket set screw spring washer	1	
7	05427	Motor bracket set screw	1	
8	75362	Motor driving belt	1	
9	63849	Synchronized belt	1	
10	59510	Bobbin winder shaft complete	1	
11	86119	Bobbin winder shaft holder set screw	2	
12	75830	Foot controller complete	1	

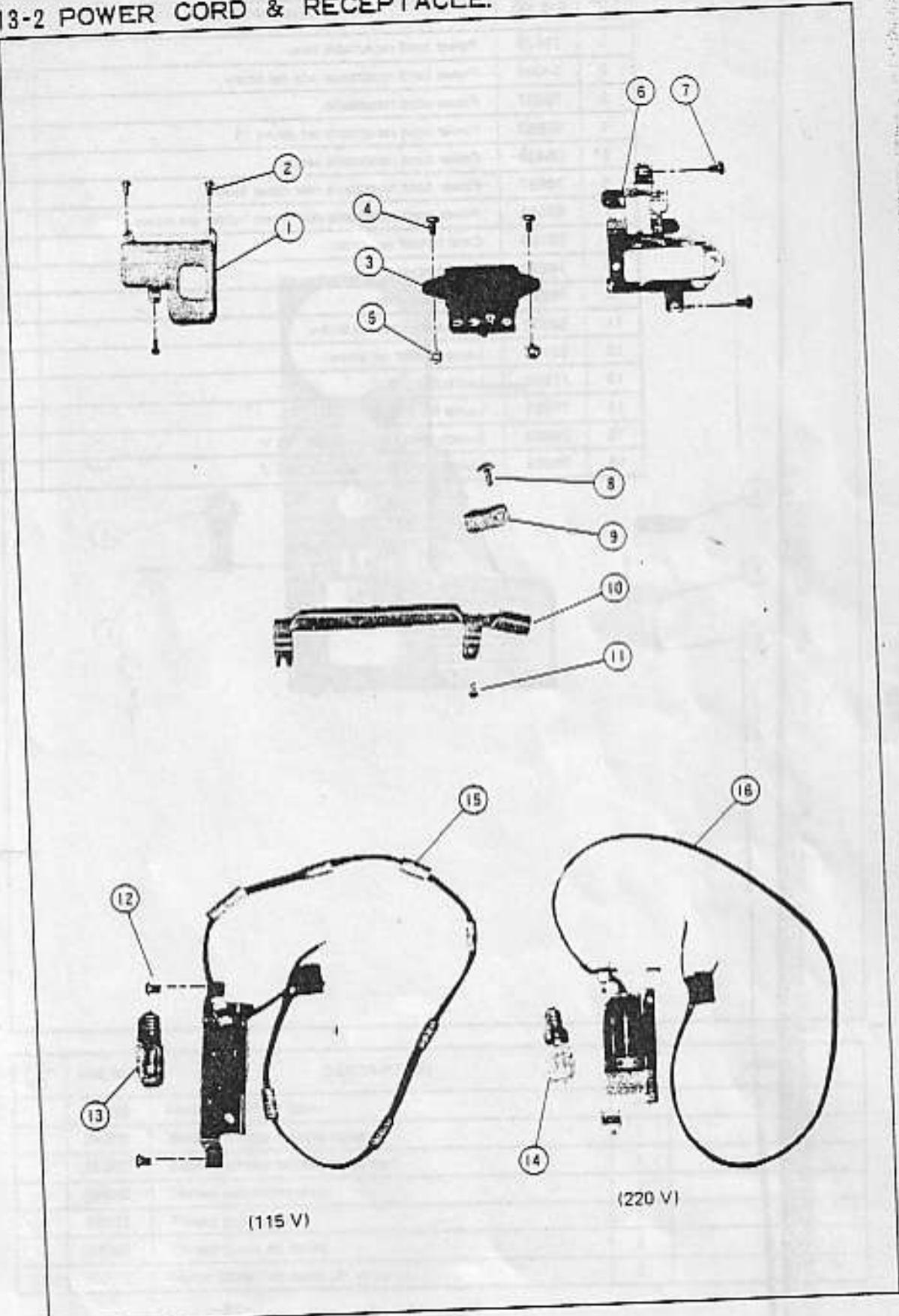
# 13-1 SPEED CONTROL CIRCUIT BOARD.



## 13-1 SPEED CONTROL CIRCUIT BOARD.

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	75978	Speed control circuit board complete for 115 V	1	
2	75975	Speed circuit board complete for 220 V	1	
3	75973	Speed control circuit board complete case	1	
4	58822	Speed control circuit board complete case set screw	3	
5	53039	Speed control circuit board complete cover	1	
6	34125	Speed control circuit board complete cover set screw	4	
7	78873	Cord complete	1	
8	75974	Speed control circuit board complete setting frame	1	
9	58822	Speed control circuit board complete setting frame set screw	2	
10	78792	Needle position setting switch	1	
11	59805	Connected holder	1	
12	78791	Needle position selecting switch	1	
13	34036	Needle position selecting switch setting frame set screw (1)	1	
14	34036	Needle position selecting switch setting frame set screw (2)	1	
15	06164	Fastener	4	
16	78793	Cord eyelet	4	

13-2 POWER CORD & RECEPTACLE.



(115 V)

(220 V)

## 13-2 POWER CORD &amp; RECEPTACLE.

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	76629	Power cord receptacle box	1	
2	34044	Power cord receptacle box set screw	3	
3	76307	Power cord receptacle	1	
4	59563	Power cord receptacle set screw *5	2	
5*	05418	Power cord receptacle set nut	(2)	
6	76597	Power cord receptacle rear cover holder	1	
7	58865	Power cord receptacle rear cover holder set screw	2	
8	55106	Cord holder set screw	1	
9	78830	Cord holder	1	
10	78699	Cord supporter	1	
11	59332	Cord supporter set screw	1	
12	55106	Lamp holder set screw	2	
13	77550	Lamp for 115 V	1	
14	77551	Lamp for 220 V	1	
15	76883	Switch cord complete for 115 V	1	
16	76884	Switch cord complete for 220 V	1	

14-2. MOTOR DRIVE BELT COVER

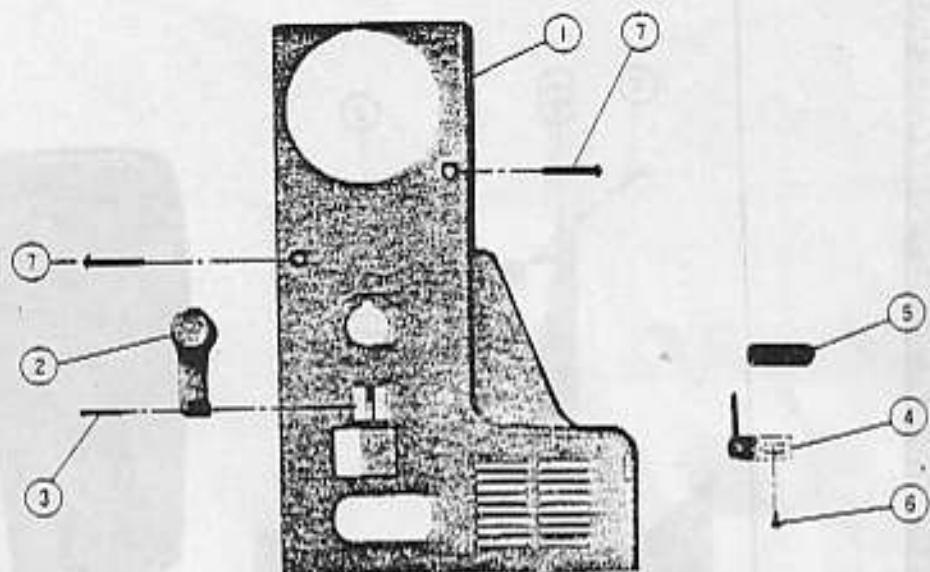


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59802	Motor drive belt cover	1	
2	59206	Bobbin winder spindle cover	1	
3	59207	Bobbin winder spindle cover pin	1	
4	59520	Thread guide complete	1	
5	59522	Thread guide plate	1	
6	34046	Thread guide set screw	2	
7	59270	Motor drive belt cover set screw	2	

14-1. FACE PLATE

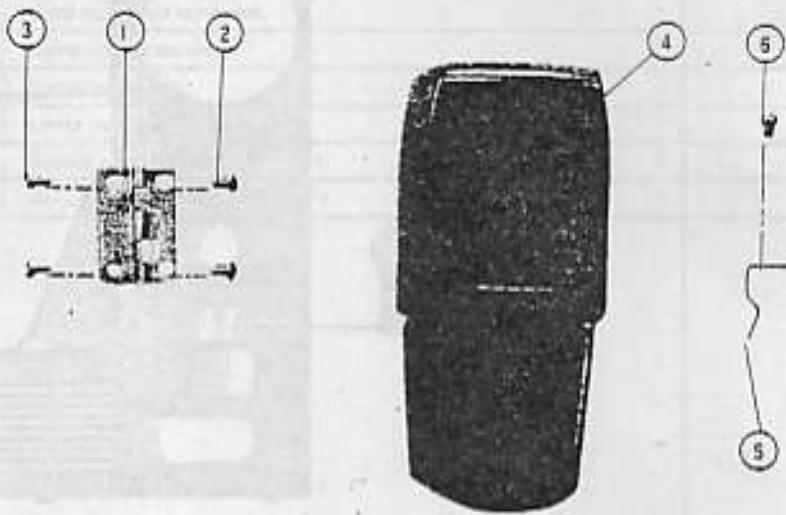


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	34040	Face plate hinge complete	1	
2	34036	Face plate hinge screw (1)	2	
3	34046	Face plate hinge screw (2)	2	
4	59517	Face plate	1	
5	63605	Face plate positioning spring	1	
6	34038	Face plate positioning spring set screw	1	

### 14-3. MOTOR COVER HOUSING

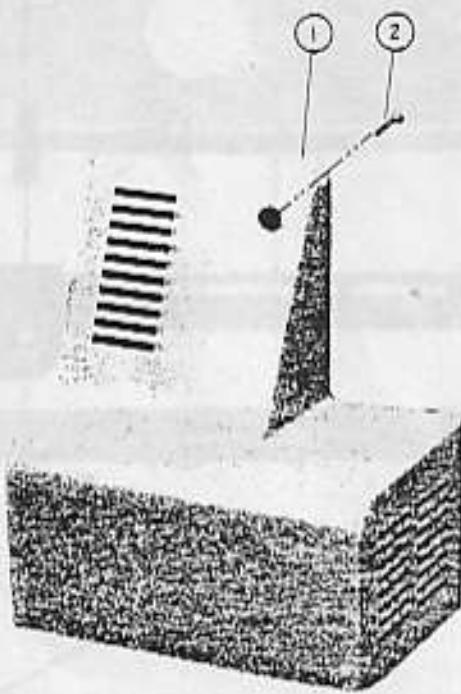


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59525	Motor housing cover	1	
2	34124	Motor housing cover set screw	1	

14-4. SPOOL PIN

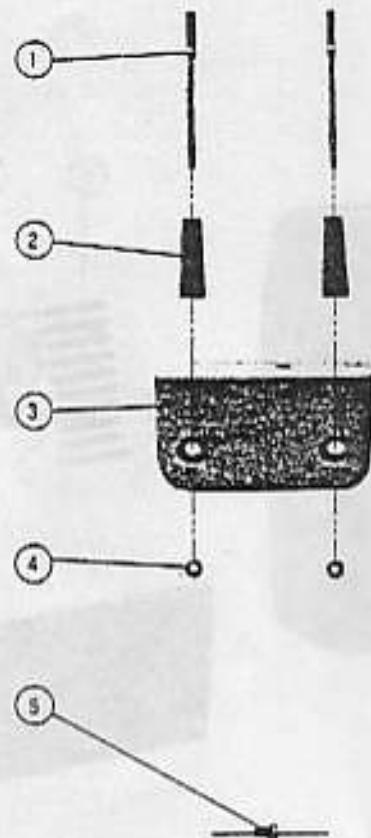


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59298	Spool pin	2	
2	34819	Spool pin roller	2	
3	59528	Spool pin holder	1	
4	53622	Spool pin nut	2	
5	34038	Spool pin holder set screw	1	

## 15. ARM COVER

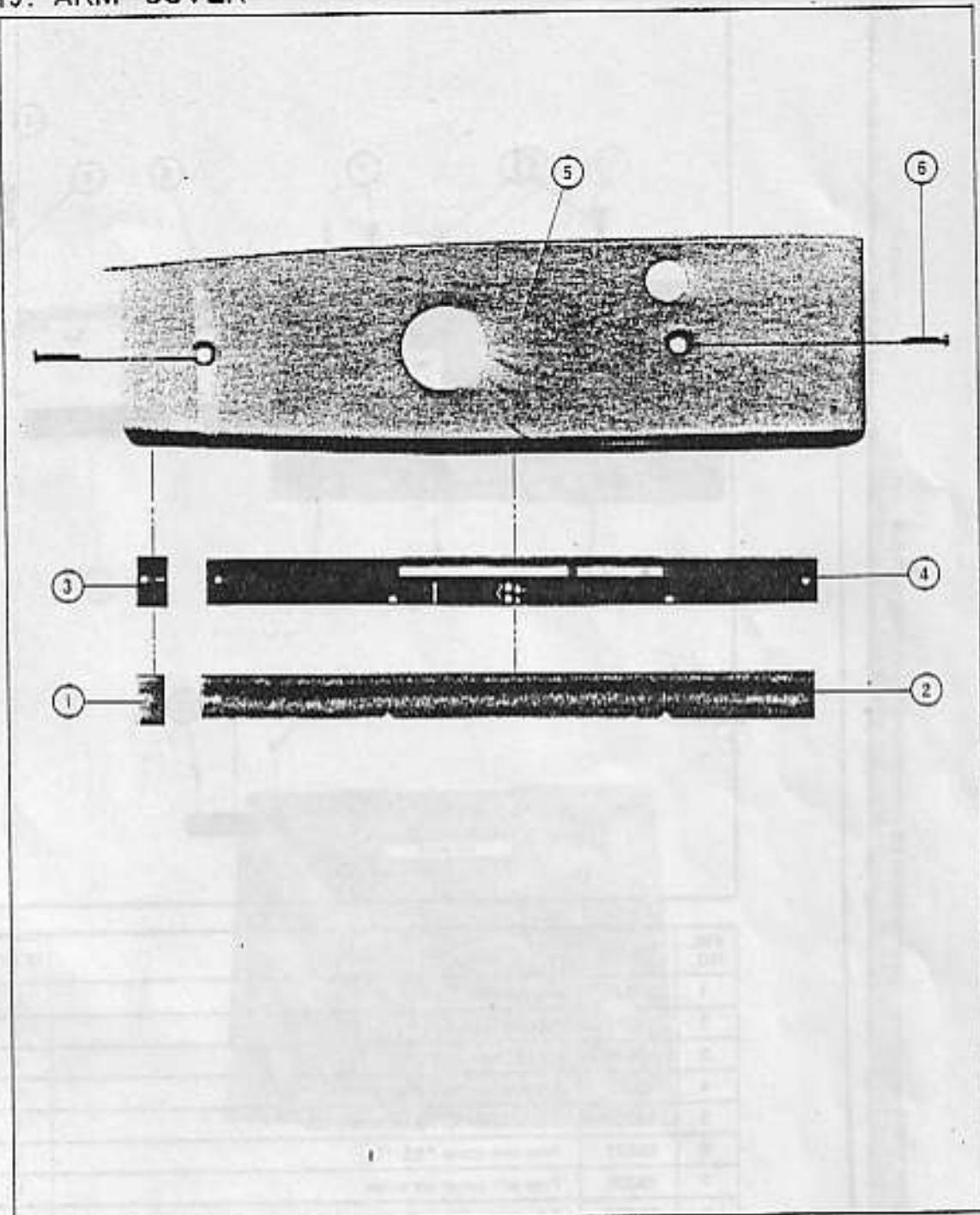


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59533	Tension indicator cover	1	
2	59534	Stitch pattern	2	
3	59531	Tension indicator	1	
4	59555	Stitch pattern plate	1	
5	59530	Arm cover	1	
6	53616	Arm cover set screw	1	

## 16-1. HOOK COVER

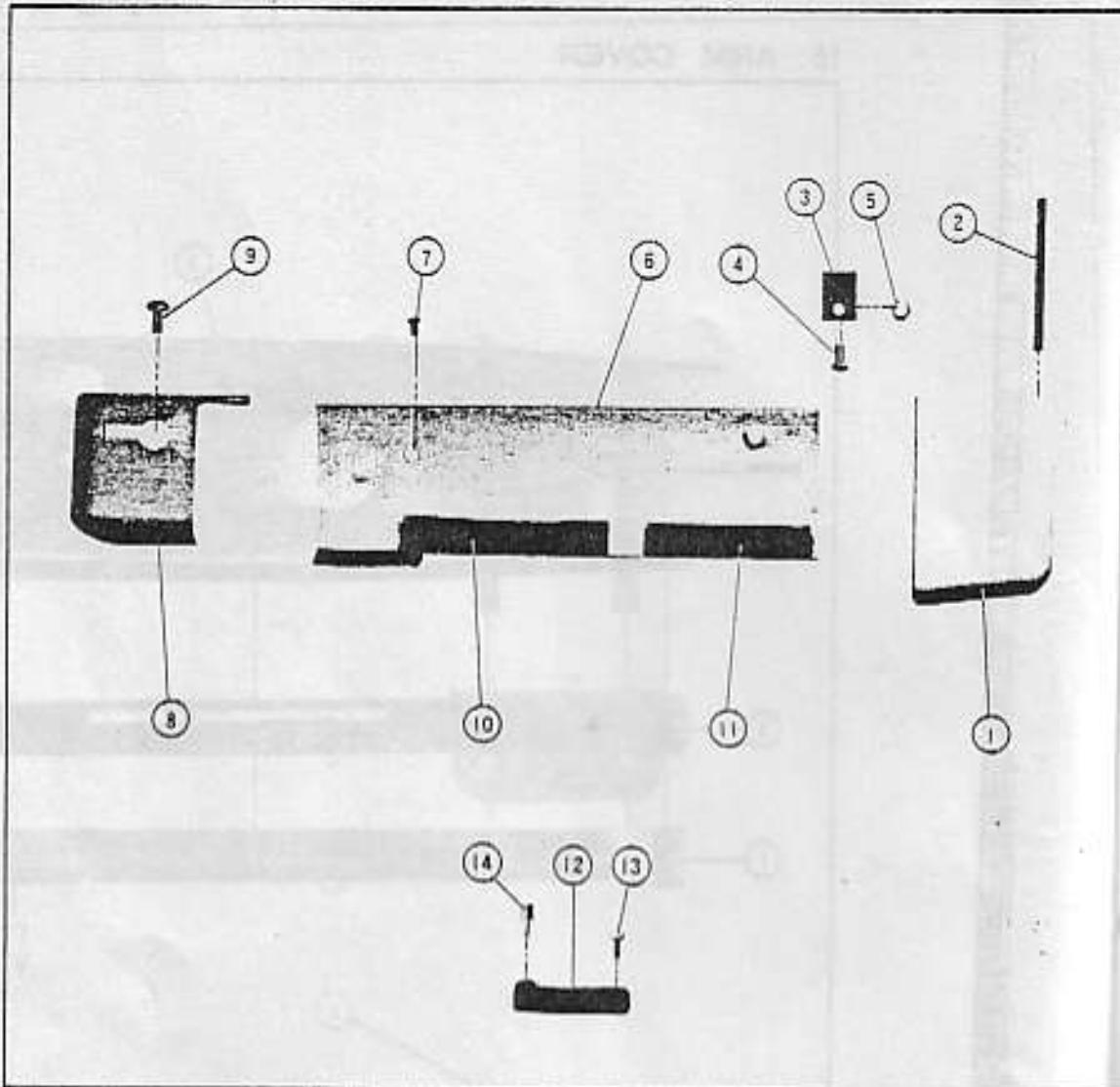
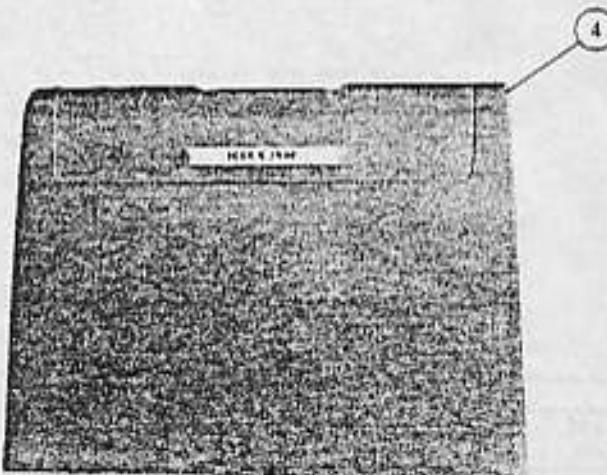
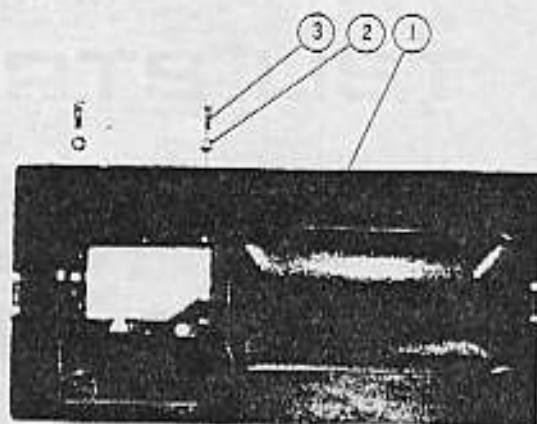


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59535	Hook cover	1	
2	53619	Hook cover shaft	1	
3	59578	Hook cover spring	1	
4	53621	Hook cover spring set screw	1	
5	53622	Hook cover spring set screw nut	1	
6	59537	Free arm cover *10, *11	1	
7	56335	Free arm cover set screw	1	
8	59638	Free arm end cover	1	
9	53847	Free arm end cover set screw	1	
10*	59668	Free arm cover felt (1)	(1)	
11*	59669	Free arm cover felt (2)	(1)	
12	59544	Snap-on sewing table pin set plate	1	
13	34125	Snap-on sewing table pin set plate set screw	1	
14	55722	Snap-on sewing table pin	2	

## 16-2. BASE



BCK

FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	59807	Free arm base complete	1	
2	05467	Free arm base set screw washer	3	
3	53809	Free arm base set screw	3	
4	41201	Base cover	1	

16-3. SNAP-ON SEWING TABLE

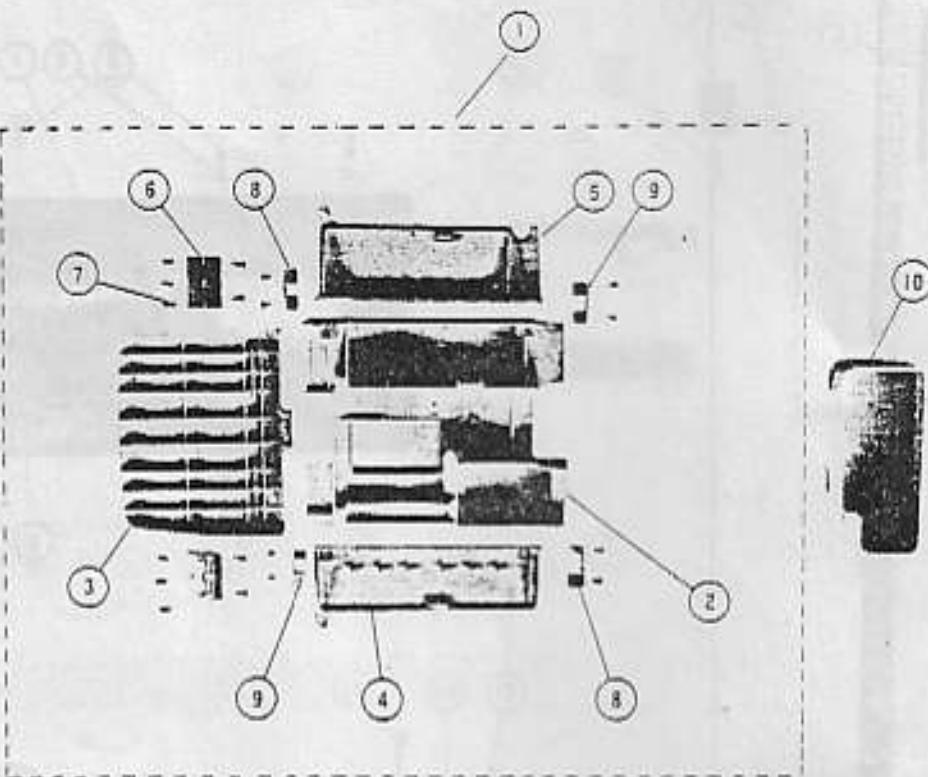


FIG. NO.	RIS NO.	DESCRIPTION	Q'TY	MEMO
1	41204	Snap-on sewing table complete *2 ~ 9	1	
2*	41205	Table	(1)	
3*	41206	Extension table	(1)	
4*	41207	Cover (1)	(1)	
5*	41208	Cover (2)	(1)	
6*	63061	Hinge-(J)-13	(2)	
7*	63001	Set screw for sewing table	(18)	
8*	63062	Hinge-(J)-14 (1)	(2)	
9*	63062	Hinge-(J)-14 (2)	(2)	
10	41209	Controller box	1	