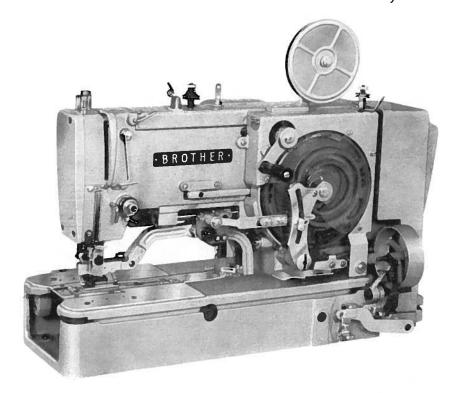
K with

## **PARTS BOOK**

**FOR** 

# BROTHER LH4-B814-2,-3



High Speed Buttonhole Sewing Machine

BROTHER INDUSTRIES, LTD.
NAGOYA, JAPAN

## How to use the parts book

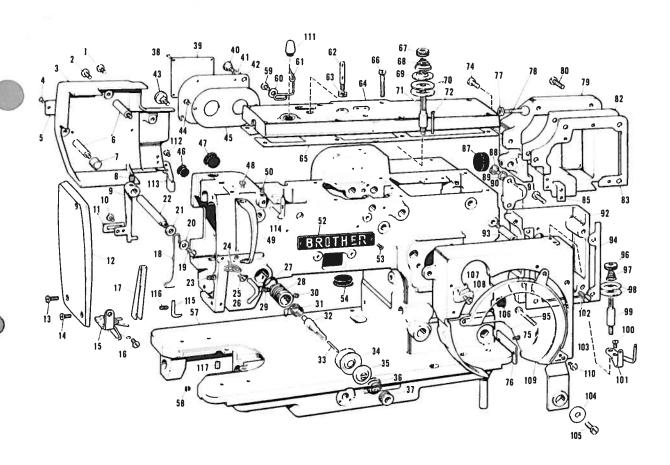
l .	When	the	colum	ı for	the	parts	nu	mber	or	the 1	parts	asse	mbly	numl	ber
	is			lease	refe	er to	the	diffe	rent	par	ts lis	t on	the	page	17.

2.	When the column for the parts number is, the parts cannot
	be supplied. But when the parts number is shown in the column, please
	order the parts by the parts assembly number so that the parts can
	be arranged in the from assembled parts.

#### **CONTENTS**

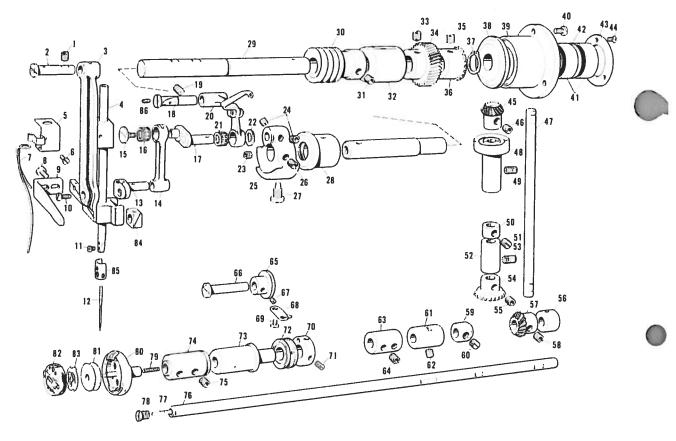
A.	Machine Body and Threading	l
В.	Upper Shaft, Vertical Shaft and Lower Shaft Assembly	2
C.	Clutch Mechanism	}
D.	Zigzag Mechanism	į
E.	Zigzag Mechanism	;
F.	Feed Cam Mechanism	j
Ġ.	Feed and Presser Mechanism	,
Н.	Cutter Mechanism	
Ι.	Bobbin Winder and Tension Pully Mechanism 9	ı
J.	Upper Thread Trimmer Mechanism 10	ļ
K.	Lower Thread Trimmer Mechanism	
L.	Lubrication ····· 12	
M.	Transmitter Mechanism	
N.	Parts for LH4-B814-214	
0.	Parts for LH4-B814-315	
Z.	Accessary	
DIF	FFERENT PARTS LIST17	
IND	DEX	

## A. Machine Body and Threading

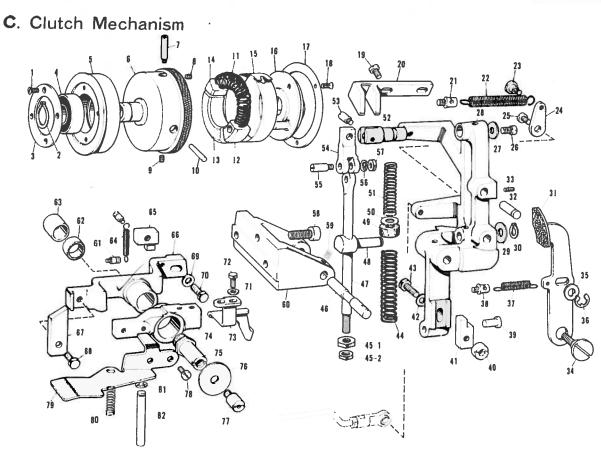


No.	of Parts Q	<sup>2</sup> ty	Parts No.	No.	Name of Parts	0,17	Parts No.	Ref. No.	Name of Parts	Q*iy	Parts No.
A- 1 Screw		2 (	009681-2-14	A-37	Nut	T	100136-0-01	A-77	Nut		105234-0-0
A- 2 Screw		1 1	009682-0-14	A-38	Gear Case Cover			A-78	Belt Cover Stopper	1 i	141248-0-01
A- 3 Rear Cov	r	1	141261-0-01	39	Assembly	1	141263-0-01	A-79		i	141249-0-01
A- 4 Serew		2	For and the second second	T 42	Assembly			A-80		1	009761-4-1;
	e "Brother" 📗 1			A-38	1'in	1	041170-2-01	A-82	Sub Shaft Cover	1	144946-0-00
A- 6 Bolt		:5   1	14 [262-0-01]	A~39	Diagram For Numbers			A-83	Packing (Large)	i	141252-0-00
A- 7 Vinyl Tub	1, 1, 1	1	H7258-0-01	A ~30	of Stitch	1	141265-0-01	A-85		i	142269-0-00
A= 8 Screw	1	I (	H3760-6-12	A~42	Gear Case Cover	1		A-87		i	116725-0-01
A- 9 Curter Ha	fixed Plate 1	1 1	141619-D-01	A 0	Serew		107321-0-01	A-88	Serew	<u> </u>	107321-0-01
A-10 Screw	1	1 1	[0167]~0-0]	A-41	Washer		[070]7-0-0]	A-89	Washer	l-i-	107017-0-01
A-11 Balance	1	1 1	41620-0-01	A=/3	Serew		100008-0-03	A-50	Cap	-i-	143985-0-01
A-12 Face Plat		1 1	141260-0-01	A-41	Serew	2	009670-6-12	A-91	Serew		009762-0-13
A-13 Screw	11	: 0	ND5681-4-14	A-45	Gear Separation Plate		141269-0-01	A-92	Sub Shaft Cover Lower	i	143981-0-01
A-14 Screw	1	1 0	HB681-0-14		Vinyl Cap	1	101450-0-01	A=93	Bult	-	141267-0-01
A-15 Sub Tensi	m Assembly	īÏ	1.18055-0-01	A-47	Oil Cap	1	104449-0-01	A-91	Packing (Large)	1	141254-0-00
A-16 Screw	1	0	H1670-5-14	A-48	Sgrew	-i-	009670-5-14	A-95	Screw		102023-0-03
A-17 Thread Gr	ide				Thread Take-up Cover		141268-0-01	11 ,747	Bobbin Winder		102023-0-03
A-18 Thread Br	eakage .				Screw		013680-6-13	A-96	Tension Control Nut	1	107682-0-01
A-18 Perceiving	Wire	I	41614-0-01	in-		<u> </u>		A-97	Spring	1	10000111 11 11
A-19 Screw	1	()	001670-6-12	A-53		12		A-98	Disc	2	107681-0-01
A-20 Washer	1	10	25350-3-32		Oil Cap	-2	142743-0-00	A=99	Stud		107680-0-01
A-21 Collar		-	41617-0-01	A-57	Arm Bed	Ť	14-74-1-187	A-100	Screw	1	107678-0-01
Thread Br	alane .	-		A-58	Oil Can	-	1018331-0-0]	ZX-1907	Bobbin Winder Thread		10,407-0-02
A-22 Perceiving	Wire Bar	1	41616-0-01	A-59	Screw	-	[006:[-[-()-0-]	A-101	Guide	ı	[4]600-0-0]
A-23 Screw	1	0	13711-0-10	-	Washer	1	025680-2-34	A-102			
A-24 Arm Threa	Guide (Coper) 2			A-GI	Thread Guide		141593-0-01	A-103	Scrow		ODENS1-2-14
A-25 Screw	1 2		12751-0-02	A-62	Thread Retainer (Upper)		141590-0-01	A-101	Cain Cover		141266-0-01
A-26 Tension Ti					Nui				Washer		136662-0-02
A-27 Packing	1			A-61	Top Cover		021760-3-04	A-105	Screw	1	100644-0-04
11	cient	- -			Packing Packing		141243-0-01	A=166	Vinyl Cap		104/30-0-01
A-28 Regulator 1		- 1			Serew .			A-10,	Spring		147317-0-01
A-29 Screw	1	- 1	Marine a state of the same and	A-67	Not		102424-0-03	A-108	Screw	-	ичи89-4-12
&=30 Screw				A-68			[00]36-0-0]	A-109	Sub Cam Cover		143145-0-01
	o-up Spring	_			Tension Spring		117215-0-01	A-110	Screw		101670-5-14
A-32 Tension St	A CONTRACTOR OF THE PARTY OF TH			A-69 A-70	Tension Disc Washer		[OO[34-0-0]		Oil Cange Window		[437]3-0-0]
A-33 Tension Re					Tension Disc		14544(i-0-0)	A-112	Screw	22 1	109680-6-12
A-34 Tension Di		-1-			Upper Tension Stud		$\{0.50075-0.0\}$	A-1 3	Cover		[4391]-0-0]
70		11			Tension Release pin			A-111	Thread Retainer	1	4596]- <b>0-0</b> }
A-35 Vasher	T.	H	11011.54-01-011		Screw		009762-0-13		Needle Bar Position Pointer.	I	48682-0-01
		-1-			Model Plate Piu	2		A-116	Screw	1	03978-0-02
A-(36 Tension Sp	ring	110	07606-0-01	A-76	Model Plate		-	A-117	Screw	2 0	113760-7-13

## B. Upper Shaft, Vertical Shaft and Lower Shaft Assembly

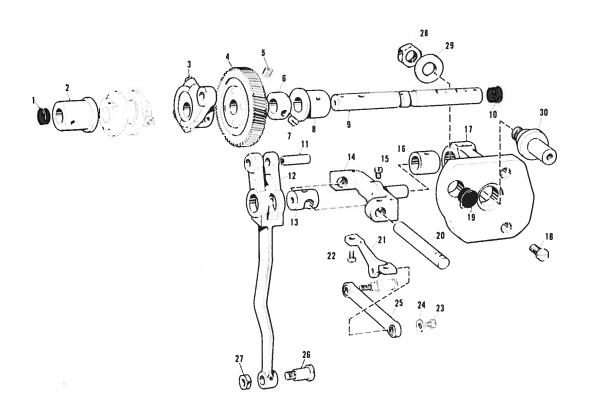


Ref. No.	Name of Parts	0,0	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'iy	Parts No.	Assembly No.
	Screw	1	014770-6-22		B-41	Ball Bearing	2	072620-2-60	1777
	Stud		141295-0-01		B-42	Washer	Ti-	141275-0-01	-
B- 3   N	Needle Bar Support	1			B-43	Cap		141276-0-01	
B-81 2	Slide Block		142737-0-01	142736-0-01	B-44	Screw		102843-0-01	
B-86 - 5	serew	1	013679-4-12		B-47	Vertical Shaft		141297-0-01	
B- 5 \	Wick Holder	1	141682-0-01		B-48	Vertical Shaft Upper Bushing	1	141298-0-00	-
	Screw	1	009669-4-12	40 40 40	B-49	Screw		013761-1-10	-
B- 7 V	A'iek		141681-0-00		B-50	Lower Shaft Coller		34.7701 -1-10	
B- 8 S	Screw	2	107407-0-03		B-51	Screw	2	101706-0-01	181995-0-0
B- 9 N	Veedle Bur Support Guide		141296-0-01		B-52	Vertical Shaft Lower Bushing	1	142709-0-00	
	Screw	I	140553-0-01		B-53	Screw	- +	0E3761-4-10	
B-12 N	Veedle DP×5				B-51	Vertical Shaft Lower Gear	1	019/01-4-10	
B-10 S	Set Screw	1	140004-0-01		B-55	Serew	-	112 1770 11 111	
B-13 N	Veedle Bar Clamp				B-57	Lower Shaft Gear		01-1770-6-22	181093-0-0
	Jeedle Bar Crank Rod				B-58	Screw	-		
	Seress	i			B-56	Lower Shaft Bushing (Right)	-	014770-6-22	
B-16 N	leedle Roller Bearing	1		147650-0-01	B-59	Set Collar	-	141303 0-00	<del></del>
	leedle Bar Crank				B-60	Screw			118759-0-0
	itud	1			B-61			101706-0-01	
	bread Take-up Lever	1			B=62	Lower Shaft Bushing Intermediate)		141305-0-00	
	leedle Roller Bearing	2			B=63	Screw		013771-1-10	
	crew	-	014770-6-22		B-64	Collar (Left)	-	141304-0-01	
	Vasher	-	110367-0-01			Screw		014770-6 22	
	crew		101706-0-01		-	Oil Adjusting Knob		142582-0-01	
	crew		014770-6-22			Oil Adjusting Stud		142408-0-01	
-	omter Weight		141290-0-00		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	Screw		113680-6-12	
	crew		014770-6-22			Ratcher		109862-0-01	
	crew		100250-0-01			Screw		009670-5-12	
_	pper Shaft Bushing(Left)		and the same of the same and the same of t			Collar		09183-0-01	
THE RESERVE OF THE PERSON NAMED IN	pper Shaft Dusning(Lett)	-	141272-0-01			Screw		13670-7-12	
	orm	-	141271-0-01		And the second second	Oil Adjusting Ring		42407-0-01	
-	crew		141367-0-01			Lower Shaft Bushing (P)	1 1	46355- <b>0-01</b>	
		Z I	014770-6-22		-	Collar	1		
-	pper Shaft Bushing (Intermediate		141273-0-00			Screw		43793-0-01	143933-0-01
	erew C		014770-6-22		CONTRACTOR OF THE PARTY OF	Lower Shaft	1		140202-0-01
	peed Reduction Gear	The first records the same of the	141309-0-00			Felt	1 1	42744-0-01	
	crew	2	014770-6-22			Screw	1 1	09173-0-01	
	pper Shaft Gear			181092-0-01/		Felt	1 1	17985+0-01	
-	ertical Shaft Gear	1				Rotary Hook Assembly	1 1	13986-1-01	
Marketon Company	crew		014770-6-22			Bobbin		46025-0-01	
	top Ring	-	048150-1-40	1945-1944		Bobbin Case Assembly		07097-1-01	
	l Rejector	#15 # <b>1</b> 50	141277-0-00		B-83	Bobbin Spring	-	18054-0-01	
	eaing Case	1	141274-0-00		B- 4	Needle Bar		18052-0-01	
3-40 Sc	rew	3 1	109681-2-12			Veedle Bar		18053-0-01	41293-1-01



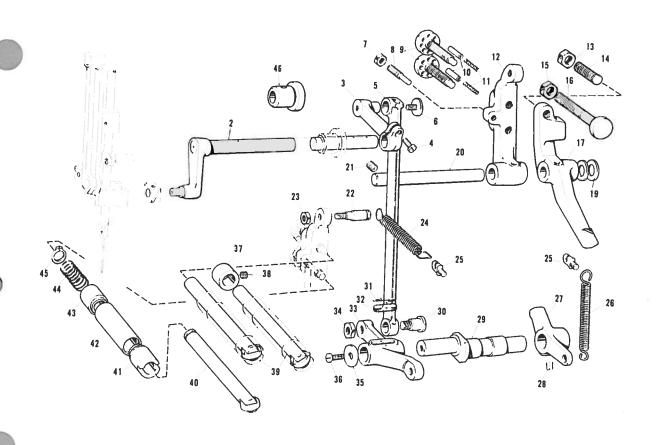
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly
C- 1	Screw	-1	102843-0-01		C-13	Bolt		017782-5-12	·NO.
C- 3	Stop Ring	1	048250-1-40		Cald	Spring (C)		147639-0-01	-
C- 3	Bearing Cap (Large)	1	141279-0-01		C-45-1	Nut		021860-2-02	-
C 4	Bearing 6005/v	1000	072600-5-60		C-45-2		- 1 i	100075-0-01	-
C. 5	ldle Pulley		141278-0-01		C-46	Clutch Lever Shaft		141558-0-01	
C 6	Pulley	1	141280-0-01	The Color State of the Color of	C-17	Stopper Bar		141554-0.01	
C. 7	Screw	1	141282-0-01		C-18	Bar Clamp	- i	115552-0-01	
C- 8	Screw	1	013670-7-12		C-19	Spring Felt		H5550-0-01	
C. 9	Screw		014770-6-22		C-50	Washer	-	025100-1-32	
C-10	Pin		142297-0-0		C-51	Spring (B)		115551-0-01	
C-H	Plunge Spring	T	141283-0-01		C-52	Clutch Stopper Stud			
C-12	Block for Pulley Stop Cam		141285-0-01		C-53	Screw		115542-0401	-
C-13	Plunge Spring Supporter		141284-0-00		C-54	Clutch Stopper		115544-0-01	
C-1-I	Block for Pulley		141281-0-01		C-55	Screw		115545-0-01	
C-15	Pulley Inside Cover		[-[275]-0-0]		C-56	Washer		H5546-0-01	
C-16	Stop Cant Assembly		141286-0-01		C-57	Nul		028050-2-40	
C-17	Cap for Stop Cam		14[289-0-0]		C-58	Bolt		021710-2-02	
C-18	Screw	- 3	117348:0-01		C-59	Serew	- 1	018082-5-22	
C-19	Screw		009761-0-12		C-60	Clutch Lever Bracket		01477046-22	
C-20	Belt Shifter		141556-0-01		C-61	Sustainer		[4][557-0-0]	
C-21	Spring Hook		141331-0-01		C-62	Bushing		141550-0-01	
C-22	Clutch Return Spring		141559-0-01		C-63			142373-0-00	
C-23	Screw		115559-0-02		C-66	Bushing		142372-0-00	181708-0-01
C-24	Adjusting Plate		115558-0-02		C-64	Stop Lever	1		
C-25	Screw	-	009761-0-12		C-65	Stop Lever Spring	1	141549-0-01	
C-26	Screw		009761-2-12		C-67	Clutch Claw (A)		141548-0-01	
C-27	Washer		025060-3-32		C-68	Stop Cam Segment	1	145442-0-01	
C-28	Clutch Lever		146041-0-0			Bolt		017761-4-12	
C-29	Washer		025100-1-32		C-69	Washer		118735-0-02	
C-30	Stop Ring		048100-1-42		C-70	Bolt		017781-1-12	
C-31	Brake Lever Assembly		142755-0-01		C-71	Washer		025680-2-34	
C-32	Brake Lever Pin		1-[22]4-0-0]			Bolt	2	017681-0-1-1	
U-33	Screw				man accommodal	Retainer		[41703-040]	
0.31	Screw		013760-8-12			Emergency Stop Supporter		[41700-040]	or secure and the deliverage species to the above property of
0.35	Washer		[41953-0-0]			Emergency Stop Lever Shaft	I	141618-0-01	
2-36	Stop Ring		107153-0-02			Washer		[4]70]-0-0]	
3-37	Brake Spring		048070-3-42			Screw		1417024041	
3-37	Spring Hook		142771-0-01			Serew .	2	107407-0-02	
	Clutch Lever Pin	-1	141334-0-01			Emergency Stop Lever		141698-0-01	
3.39	Emergency Stop Joint		141555-0-01			Spring		141699-0-01	
2-10		1	141704-0-01			Stop Ring		FI8070-3-12	
3-41	Clutch Claw (B) Washer		141553-0-01		C-82	Belt Shifter Bar		141574-0-01	
Jul 2	wasner	1	118735-0-02			The state of the s			

## D. Zigzag Mechanism



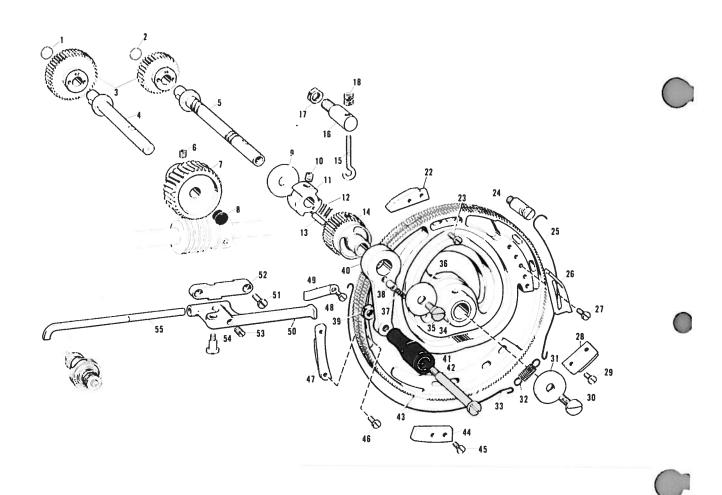
Ref. No.	Name of Part	Q'ty		Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
D- 1	Oil Cap	1 5	101119-0-01		1)-20	Zigzag Adjusting Shaft	1		1111
D- 2		1	141311-0-01		D-17		1		
D- 4	Sule Shaft Gear	l,	141313-0-01		11-28		1	021910-3-02	
	Screw	2	014770-6-22			Washer		025900-2-32	141401-0-01
	Coller	-1			11-20	Feed Cam Shaft	+ :-	020900-2-32	
D= 7	Set Seren	-2-1	013760-8-10	181991-0-01		Bushing	1	141404-0-00	
D- 8	Sub Shaft Bushing (Right)	1	141312-0-00			Screw	-		
D= 9	Sub Shaft		141310-0-01		D-19		-	009761-2-12	
D-10	Oil Cap		101119-0-01	9	D-21			104821-0-01	
D- 3	Zigzag Cam	1			and the same of the same of	Zigzag Adjusting Link Shuft	-	141328-0-01	
D-11	Pin	1	141326-0-01			Screw	+ +	009680-7-13	
Andrewson and the same	Zigzag Adjusting Ring Connector	1	141.20-0-01		D-23	Screw		009670-6-12	
The same of the sa		-			1)-21	Washer	1	102707-0-02	
	Zignag Adjusting Ring	1 +		147901-0-01		Zigzag Adjusting Link		141329-0-01	
17-14	Zigzag Adjusting Bracket	1			11-26	Screw		141344-0-01	
1-15	Screw	1	104908-0-02		11-27	Nut	-	103388-0-01	

## E. Zigzag Mechanism



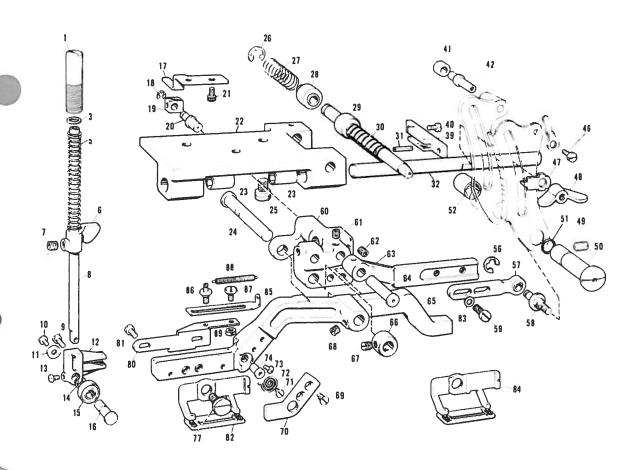
Rof. No.	Name of Paris	Q¹ıy	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Paris No.	Assembly No.
	Zigzag Connecting Lever (B)	1	141348-0-01		E-25	Spring Hook	12	141334-0-01	1411.
	Zigzag Connecting Lever (A)	1	141347-0-01		E-26	Spring		H1358-0-01	
	Screw	1	009711-4-13		E-27	Stopper		141357-0-00	
	Zigzag Connecting Rod	1	141346-0-01		E-28	Screw		014760-6-22	
	Screw	1	100511-0-03		E-29	Zigzag Eccentric Shaft	- - <del></del> -	141341-0-01	
-	Nut	1	106588-0-01		E-30	Screw	-	141335-0-01	
	Serew		141339-0-01		E-3I	Clip			
	Zigzag Adjusting Serew	2	141336-0-01		E-32	Pel		116795-0-00	
	Pin	2	141337-0-01		E-33	Zigzag Eccentric Shaft Link		117598-0-01	
	Spring	2	141338-0-01		15-31	Nut	-	141342-0-00	
	Zigzag Adjusting Lever	1	141335-0-00		E-35	Washer		403388-0-01	
	Nut		105812-0-01		E-36	Screw		141343-0-02	
	Screw	1	141355-0-01		E-37	Collar		009761-2-12	
8-15   3	Nut	1	105812-0-02	<u>-</u>	E-38	Screw	-	141351-0-01	
19-16	Screw	1 1	141356-0-01		E-39			014770-6-22	
15-17 2	Zigzag Position Changing Lever		141351-0-00		E-40	Zigzag Connecting Shaft		141359-0-01	
	Washer	2	110191-0-01			Bac Tack Connecting Shaft		141659-0-01	
E-20 2	Zigzag Adjusting Lever Shaft		141340-0-01		E-42	Bushing (Right) Collar	1 3 1	141716-0-00	
	Serew		013760-6-12	i	E-43		12	141366-0-01	
E-22 1	Pin		141332-0-01		E-44	Bushing (Left)		141365-0-00	
E-23 N	Nut		106588-0-01			Spring		141363-0-01	
E-21 S	Spring		141333-0-01		E-45	Stop Ring		048110-1-42	
		1	1.11.12.12.11.11		E-46	Bushing	11	147155-0-00	

## F. Feed Cam Mechanism



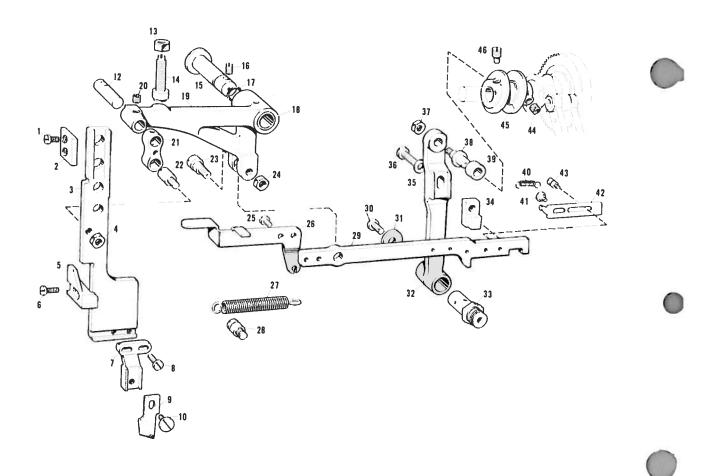
Ref. No.	Name of Parts	Q'iy		Assembly No.	Ref. No.	Name of Parts	Q'1y	Parts No.	Assembly No.
F- 1	Gear Indicator R	1	142272-0-01		F-45	Screw	.2	107407-0-03	
F- 2	Gear Indicator L	1	142273-0-01	A	F-46	Screw	4	009681-2-12	
F- 3		1			16-47	Bar Tack Cam Segment	2	141445-0-01	
F- 4	Worm Wheel Shaft	1	141369-0-01		F-24	Haok	1	141413-0-01	
F- 5	Gear Shaft	1	141714-0-01		F-25	Cam Brake Wire B	1	141410-0-01	
F - 6	Screw	2	014770-6-22		F-30	Screw	1	141408-0-01	
F- 7	Worm Wheel	1	141368-0-00		F-31	Washer	1	141400-0-01	
F - 8	Oil Cap	1	104821-0-01		1-32	Spring	1	141411-0-01	
F= 9	Washer	1	141394-0-01		F-33	Cam Brake Wire A	11	141409-0-01	
1-10	Screw	2	014760-6-22		F-31	Bushing		142375-0-00	
1-11	Free Wheel Cam	1		1	F-35	Screw	111	142702-0-01	
F-12	Spring	- 6	141392-0-01	141389-0-01	F-36	Washer	11	141400-0-01	
F-13	Pin	3	141393-0-01	1	F-37	Spring		141397-0-01	
F-14	Free Wheal Gear	1			17-38	Pin		141396-0-01	
F-15	Adjusting Hook	1	140917-0-01		F-39	Nut		021780-3-03	
F-16	Cam_Brake Hook Bracket	1	141412-0-01		F-40	Handle Lever		141395-0-01	
F-17	Nut	1	106147-0-01			Hande	-	141398-0-01	
F-18	Nut	2	021400-1-03		15-42	Handle Shaft		141399-0-01	
-22	Thread Tension Release	1	143944-0-01			Screw	-	009670-5-12	
F-23	Screw	2	009681-2-12			Spring Plate	-	142258-0-01	
~26	Stop Cam Segment (Large)	1	141446-0-01	1		Thread Release Lever		141596-0-01	
F-27	Screw	2	009681-0-12			Screw		009681-0-14	
-28	Cutter Segment	1	141448-0-01	Ÿ.	-	Thread Release Lever Bracket	-	141599-0-01	
-29	Screw	2	107407-0-03	143942-0-01		Screw		013760-8-12	
·-43	Feed Cam	1				Screw	the second second	141598-0-01	
-44	Thread Tension Release Segment		143943-0-01			Thread Release Pin		141597-0-01	

## G. Feed and Presser Mechanism



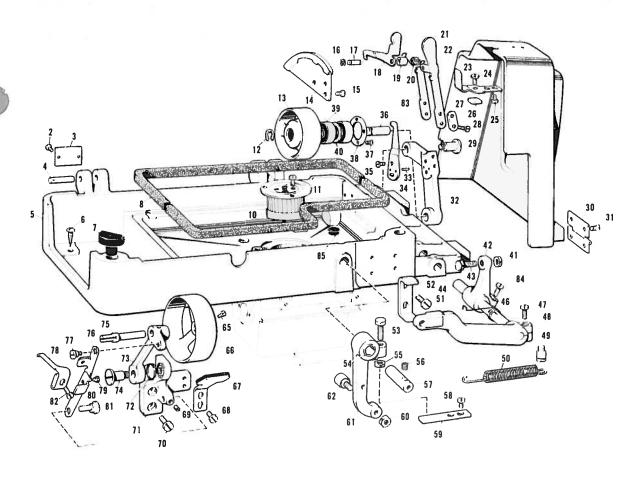
Ref. No.	Name of Parts	Q'ty		Assembly No.	Ret. No.	Name of Parts	Q*65	Parts No.	Assembly No.
G- I	Stopper Bar		141451-0-01	THE RESIDENCE OF SALES AND ADDRESS OF THE SALES AND	G-17	Lough Feed Indicator	9 1 1	[4]419-0-01	
G- 3	Washer		10028[-0-0]		G-48	Wing Nut		118262-0-02	
G- 5	Presser Bar Spring (Large)		141451-0-01		G-49	Serew		01:561-0-12	
Ci~ fi	Presser Bar Bracket		141450-0-01		ti-Su	Length Ford Adjusting Lever Shaft		141417-0-01	
ti- "	Screw		014770-6-22		07-51	Racking		111697-0-00	
G- 8	Presser Bar		[H]-[H]-(FD]		G-52	Bushing	2	142372-0-00	
(,i= ()	Screw		DDSR681-O-12		ti-fiti	Clip King		018050-3-42	
G-10.	Screw		E00066-0-02		t;:-57	Feed Lever B		[14] [122-0-0]	
G-11.	Washer		025050-0-02		11-58	Feed Lever Joint		147945-0-01	-
G-12	Presser Bar Roller Bracket				10-59	Secen		009761-0-14	
G-13	Screw	1	001670-5-12	141455-0-01	4.7-661	Field Arm Bracket		141430-0-01	
G-14	Stop Ring		018060-3-42		13-61	Screw		014770-6-22	
G-15	Bearing	1		į į	Chall	Serew		B14770-6-22	
Ci-lti	Roller Stud	1		1	13-63	Feed Lever A		141421-0-01	
G-17	Stopper Plate	1	141507-0-01		C-61	Stud		141426-0-01	
G-18	Stop Ring	1	048040-3-42		€.i-e35i	Length Feed Arm		141433-0-01	
G-19	Feed Bar Guide Block		118215-0-01		ti-titi	Set Collar		(4) (4)	
다-얼마	Stud	1	141431-0-01		£1-67	Serve		101706-0-03	181969-0-0,
G-21	Bolt	2	018100-8-22		C-68	Serew		011/70-6-29	
C-22	Feed Guide Shaft Bracket		141427-0-01		Ci-rist	Screw		100032-0-03	
G-23	Bushing	1 :	142374-0-00		G-çu	Cuide Plate		[4] [40-0-0]	
G-24	Feel Arm Shaft	1	141431-0-01		ti-71	Seren		009669-3-13	
G-25	Bolt	13	018081-4-22		17-72	Upper Clamping Foot Spring		[4] [12-0-0]	
G-26	Stop Ring	1	0.18080-3-42		G-73	Screw		013689-1-12	
17-27	Cutter Clutch Spring (B)	T	141488-0-01		1.7-7.1	Sind		1.11411-0-01	
G-28	Cutter Chitch	1	141487-0-01		Ci-77	Serew		111439-0-01	
G~29	Cutter Chitch Bac	1	141481-0-01		G-81	Serve		009680-7-12	
G-30	Cutter Clutch Spring (A)	1	141485-0-01		1-81	Upper Clamping Foot		ERC/0901-1-13	
and the same of th	Pin		017301-8-42		t1-80	Thread Suisson Guide		1115151111	
1-32	Feed Guide Shaft	1	[4] 429-0-01	-	G-85	Thread Trimming Supporter		141515-0-01	
G~39	Cutter Chitch Bar Guide		I41486-0-01		Ci-Sti	Seren	1	]-(62HR)-(1-(1)	
i-10	Screw	1 2 1	B0967H-8-12		ti-87	Serew		1-16002-0-01	145999-0-01
i-41	Roller		107550-0-02		€i-88	Spring		[4600]-0-0]	
1-12	Roller Stud	-	I41420-0-01		t i-89	Not		118352-0-01	
i-46	Screw		BOSNGCO-G-130			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		021660-1-02	

#### H. Cutter Mechanism



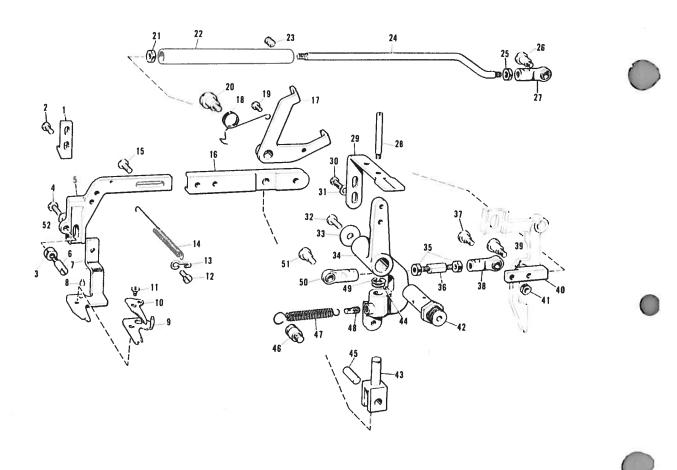
Ref. No.	Name of Parts	Q*ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assimbly No.
11- 1	Screw	2	009680-7-12		11-25	Screw	2	009680-8-14	
H- 2	Cutter Base Guide (Upper)	1	141478-0-01		11-26	Cutter Stop Lever	1	141468-0-01	
H- 3	Cutter Base	1	141477-0-01		11-27	Spring	1	141471-0-01	
11- 7	Cutter Holder	1		142724-0-01	11-28	Spring Hook	1	141472-0-01	
11- 8	Screw	2	107407-0-02		11-29	Cutter Lever	l	141467-0-01	
11- 4	Nut	1	021760-3-04		11-30	Screw	1	009761-2-12	[
11- 5	Cutter Base Guide (Lower)	1	141479-0-01		11-31	Washer	1	141343-0-02	
11- 6	Screw	2	009681-4-12		11-32	Cutter Connecting Lever	1	141462-0-01	
H- 9	Cutter	1			11-33	Stud	1	141463-0-01	
11-10	Screw	1	115503-0-01		11-34	Cutter Connecting Slide Block	1	141466-0-01	
11-12	Stud	1	141474-0-01		H-35	Washer	1	118735-0-02	
H-13	Nut	1	022870-1-04		H-36	Screw	1	009771-8-12	
11-14	Cutter Base Lifter Stopper	1	141481-0-01		11-37	Nut	I	106588-0-01	
H-15	Length Feed Adjusting Lever Shaft	1	141417-0-01		H-38	Stud	1	141465-0-01	
11-16	Screw	1	013781-0-12		11-39	Roller	1	141464-0-01	
11-17	Packing	1	141697-0-00		H-40	Spring	1	120790-0-01	
11-18	Lever	1	142376-0-00		11-41	Screw	2	112144-0-01	
H-19	Cutter Base Lifter	1	141473-0-01		11-42	Clutch	1	142779-0-01	
11-20	Screw	1	014770-6-22		H-43	Spring Hook	1	107126-0-01	
11-21	Cutter Base Connecting Link	1 .	141475-0-01		11-44	Screw	1	014770-6-22	
11-22	Screw	1	141476-0-01		11-45	Cutter Cam	1		181250-0-01
H-23	Screw	1	141469-0-01		11-46	Screw	1	141717-0-01	
11-24	Nut	1	110744-0-02						

## I. Bobbin Winder and Tension Pully Mechanism



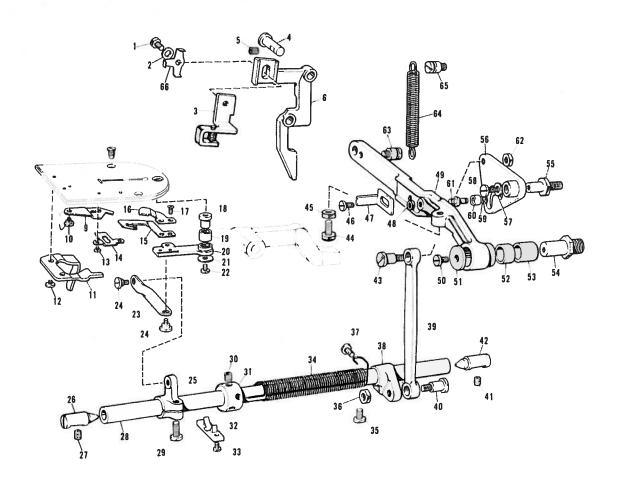
Ret. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ret.	Name of Parts	Q*ij	Parts No.	Assembly
1- 2			009680-7-12		15-42	Clutch Starting Lever	-	146955-0-01	
1- 3	Head Hook Plate	2	[423]2-0-0]		1-43	Bolt	- i	115585-0-01	
1- 4	Pin	2	141257-0-01		1-41	Church Starting Lever Shaft	- <del>-</del> -	146960-0-01	4
1- 5	Head Base		141259-0-01		1-84	Screw	- 4	1005711-4-12	
i~ 6	Screw		101125-0-01		1-46	Clinch Starting Lever Spring		141562-0-01	- American
1- 7	Head Cushion	2	141258-0-01		1-47	Screw		009761-4-13	
1- 8	Cork Packing	2	114747-0-01		1-48	Chuck Starting Lift Lever		146958-p-u1	
1-10	Oil Filter Assembly		146209-0-01	And the Land of th	1-49	Spring Hook	- - <del>-</del>	141472-0-01	
1-11	Screw	:: 7	00968tr-7-12		1-50	Spring		141581-0-01	-
1-12	Stop Ring	1	018090-3-42		1-51	Seren		009761-2-11	-
[-13]	Tension Pully	( 1 )			1-52	Stopher		141561-0-01	
1-16	Stop Ring	3.	018030-3-42		1-53	Bull		115585-u-or	-
1-17	Stop				1-51	Bushing	1:		-
1-18	Tension Pulley Pasel		EH628-0-01		1-55	Nut		142373-0-00	
1-19	Collar				1-56	Screw		022840-3-03	
1-201	Spring	111	141630-0-01		1-57	Belt Shift Lever Pin		H1770-6-22	
1-21	Tension Pulley Lever				1-58	Scree		141579-0-04	
1-27	Washer		[41627-0-0]	i i	1-59	Stopper Plate		OURS0-8-12	
1-28	Screw		007671-2-12		1.60	Nut		141580- <b>u-</b> 01	
-29	Screw		The state of the s	141621-0-01	[-6]	Belt Shift Lever	1	021750-1-03	
1-32	Tension Pulley Arm			111021-0-01	1862			141575-p-01	
-33	Pin	121	017250-8-42		1-63	Roller Stud			141576-0-01
-31	Tension Pulley Indicator		141625-0-01		1-65	Rofler			1-11-1-11-11-11
-35	Screw		009670-6-12	1	1-66	Seven	<del>i</del>	U13689~4~12	and the same of th
-:Hi	Tension Pulley Shali		W. W. C. C.	- 1	1-67	Bobbin Winder Wheel	111		The state of the s
-37	Screw		110185-0-02	- 1		Bobbin Winder Brake		141611-0-01	
-38	Cap Plate		11316-0-01	i	1-68	Serow	12	009680-7-12	
-39	Bearing (000DD)	2	i i i i i i i i i i i i i i i i i i i		[-()()	Screw	1 1	013679~4~12.	
-40	Washer		-	- 1	1-71	Bobbin Winder Wheel	111		
-83	Tension Lever	- 4	-		1-73	Bobbin Winder Arm Spring		142259-0-01	141601-0-01
	Tension Pulley Rateliet		141633-0-01		1-73	Bobbin Winder Arm			
-15	Serew				1-04	Sicrow		141601-0-01	
	Belt Cover		N05680-8-12			Bobbin Winder Shaft		[4[6]0-0-0]	
	Belt Cover Spring Plate		141245-0-01			Bobbin Winder Link B			
	Screw		1412/G-0-(I)		1-77	Screw		100659-0-01	
	Serew		#P#689-4-12			Bobbin Presser		[4]608-0-0]	
	Belt Cover Stopper Pig		KD91689-4-12			Pin		[0066]-0-0]	
	Belt Cover Ringe	tribre   trave name at a   tope	41247-0-01		1-80	Bobbin Winder Link (A)			
			07372-0-01			Stud		-	
	Serew		07231-0-01		1-82	Serew		5071/12-0-02	
-41	Nut	1 1	22840-3-03		1-700	Serew	-	H01761-2-14	
					1-85	Oil Cap		1793   -0-0	

## J. Upper Thread Trimmer Mechanism



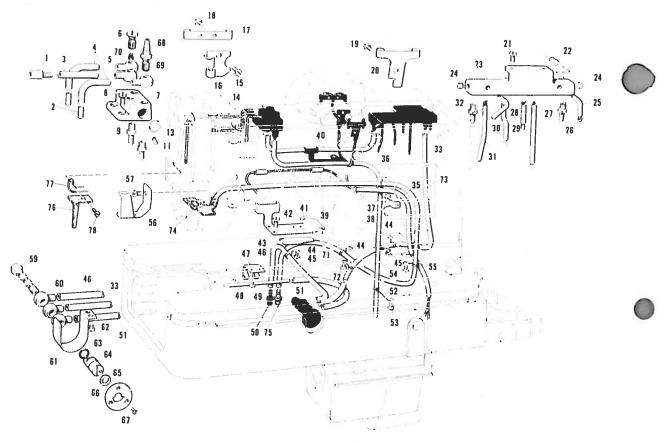
Ref. No.	Nome of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'iy	Parts No.	Assembly No.
.1- 1	Upper Thread Trimming Cam	1	141516(0-01		J-27	Joint	1	141492-0-01	
J- 2	Screw	2	009681-0-12		J-28	Thread Guide Pin	1	141592-0-01	
J= 3	Nut	1	110161-0-08	-	J-29	Upper Tension Releaser	1	145673-0-01	
J1	Screw	1	009710-8-12		J-30	Screw	2	009680-8-12	
J- 5	Upper Thread Triming Lever (B)	1	141502-0-01		J-31	Washer	• 2	025680-2-32	
J- 6	Screw		141504-0-01		J-32	Screw	1	009761-2-12	
J- 7	Upper Thread	1			J-33	Washer	1	141343-0-02	
J- 8	Stopper Pin	1	141511-0-01		J-34	Upper Thread Trimming Lever Holder	1	147565-0-01	
J- 9	Upper Thread Middle Blade	1		141509-0-01	.1-35	Nut	1	100022-0-05	
J-10	Upper Thread Upper Blade	1	114513-0-01		1-36	Upper Thread Trimming Connecting Bar(S)	1	141490-0-01	
.]-[[	Screw	1	141514-0-01		J-37	Screw	1	141494-0-01	
J-12	Screw	1	009680-7-14		3-38	loint	1	141492-0-01	
J~13	Spring Hook	1	141506-0-01		.1-39	Screw	1	115493-0-02	
.1-1-1	Spring	1	141505-0-01		.1-40	Upper Thread Trimming Connecting Block	1	141491-0-01	
J-15	Screw	1	107407-0-02		J-41	Nut	i	100022-0-05	
d~16	Upper Thread Trimming Lever (A)	1	141497-0-01	4	J=42	Stud	i	141463-0-01	-
J-17	Lever Driving Positioner	1	145998-0-01		J=43	Hinge	-i-	141496-0-01	
3-18	Spring	1	141500-0-01		J-44	Washer	1	100281-0-01	
J-19	Screw	1	009670-4-12		1-45	Pin	1	141501-0-01	
J-20	Screw	1	141499-0-01		J-46	Spring Hook	i +	141472-0-01	
J-21	Nut	1	100022-0-05		J-47	Spring	i	141517-0-01	
J-22	Connecting Pipe	1	141718-0-01		J-48	Spring Hook		107639-0-01	
J-23	Screw	1	014760-6-22		1-49	Stop Ring		018060-3-42	
1-21	Lipper Thread Trimming Connecting Bar(L)	1	141489-0-01	gt.	J-50	Joint		141492-0-01	
1-25	Nut	1	100022-0-05		J-51	Screw		141494-0-01	
1-26	Screw	1	141494-0-01		J-52	Washer	-	025710-2-32	

## K. Lower Thread Trimmer Mechanism

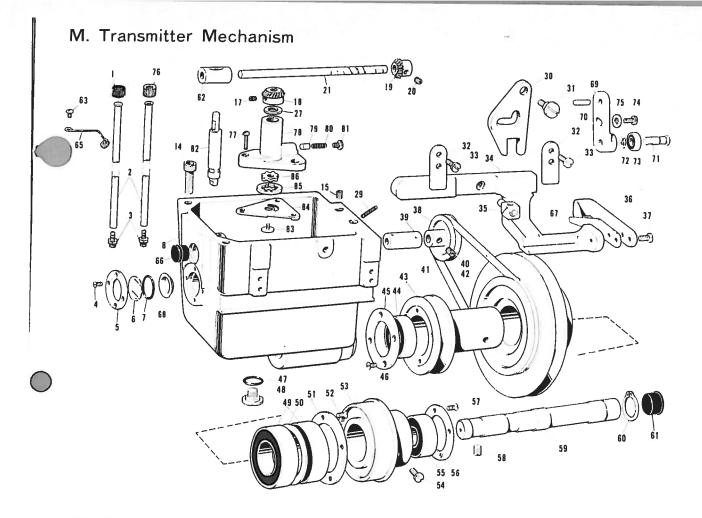


Rel. No.	Name of Parts	Q'IS	Parts No.	Assembly No.	Ret.	Name of Parts	Q'ty	Parts No.	Assembly No.
K- 1	Bolt	1	017751-4-12		K-35	Screw	1	009681-2-12	1411,
K-12	Washer		107453-0-01		K-36		1	021780-3-02	-
K- 3	Cutter Lever Supporting Plate		143915-0-01		K-37	Screw		009761-2-12	
K- 4	Stud	1	143788-0-01		K-38	Lower Thread Trimming Shaft Arm (A)	-	141529-0-01	
K- 5	Screw	1	014760-6-22		K-39	Lower Thread Trimming Connecting Link	1	141527-0-01	
K- 6	The state of the state of the state of	1	141522-0-01		K-40	Screw	t-i-l	141528-0-01	
K= 7	Screw	2	100032-0-03		K-41	Serew		013761-0-12	
K= 9	Lower Thread Releaser	1	142419-0-01		K-42	Taper Center Right		101848-0-01	
K-10	1		142/120-0-01		K-43	Serew		141528-0-01	
K-11	Rotary Book Holder Position Bracket	1	141308-1-01		K-44	Bult		141528-0-01 115585-0-01	
K-12	Screw	2	009680-5-12		K-45	Net		022840-3-03	
K-13	Screw	3	1415(4-0-0)		K-46	Screw		107/107-0-03	
K-14	Fixed Knife	1	141543-0-01		K-47	Upper Thread Trimming Detach Plane			
K-15	Lower Thread Release Plate	1	142416-0-01		N-48	Nut		141508-0-01	
K-16	Movable Knife		1415/11-0-01		K-19	Lower Thread Corter Lever		110[6]-0~0[	
K-17	Screw	2	141512-0-01		K-50	Screw		141518-0-01	
K-18	Bushing (A1	1	141538-0-01		K-51	Washer		009761-0-13	
K-19	Bushing (B)		141539-0-01		AND A STREET, ST.	Bushing		141343-0-01	
K-20	Knife Setting Plate	1	141537-0-01		K-53	Bushing		142373-0-00	
K-21	Washer		5[2769-0-0]		K=54	Lower Thread Trimming Lever Sla()		142372-0-00	
K-22	Screw	1	105151-0-01		K-55	Stul		141520-0-01	
K-23	Link	1	141534-0-01		K-56	Lower Thread Trimming Cum		141526-0-01	
K-24	Screw		141535-0-01		K-57	Washer		141523-0-01	
K-25	Lower Thread Trimming Shalt Arm (B)		141533-0-01		K-58	Surew		025050-2-33	
K-26	Taper Center Left		101817-0-01		K=50			06625-0-0	
K-27	Screw		013761-0-12		K-60	Stop Ring Roller		048030-3-42	
K-28	Lower Thread Trimming Shall		141530-0-01		K-61			107744-0-01	
K-29	Screw		107274-0-02		K-62	Roller Stud		[41519-0-0]	
K-30	Screw		014770-6-22			Nut		021780-3-02	
K-31	Collar		141532-0-01		K-63	Spring Hook		141472-0-m	
K-32	Shaft Supporter	-	141545-0-01	- 1	K-64	Spring		141521-0-01	
	Serew		009670-6-12		K*ti5	Spring Hook	1	41472-0-01	
	Spring				K-titi	Washer		439937-0-01	
	oping.		141531-0-01						

## L. Lubrication

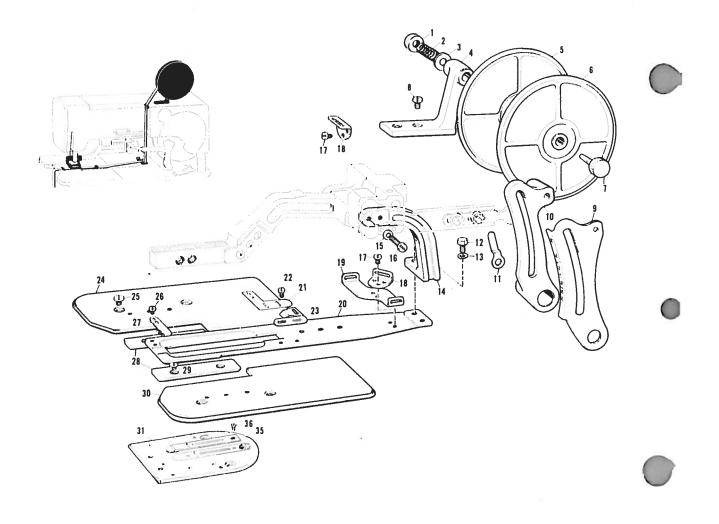


Ket. No.	Name of Parts	Q'ty	Parts No.	Assewbly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
L 1	Oil Feeding Pipe (B)	1	141680-0-01		110	Vinyl Tube	1	141670-0-00	
L- 2	Vinyl Tube (B)	:2	141679-0-00		1.41	Vinyl Tube Holder	11	141671-0-01	
L- 3	Vinyl Tube				142	Screw	2	009670-8-12	
Le 5	Vinyl Tube Joint	1		142355-0-01	L-43	Felt	1	141672-0-00	1
1,-4	Vinyl Tube	.2			1,-44	Tube Stopper	3	112744-0-01	
1. 5	Vi_yl_Tube_Joint	2		142351-0-01	1.45	Screw	2	009670-5-12	
L- 6	Screw	2	112359-0-01		116	Vinyl Tube	1		142351-0-01
1 7	Wick Base (A)	1	141673-0-00	142413-0-01	L-60	Vinyl Tube Joint	1	-	142351-0-01
1,-13	Cap	1	man of Print Management of the In April 1, Spring	142413-0-01	117	Tube Holder	T	141656-0-01	
L- 8	Screw	2	009670-8-12		1.48	Oil Pipe for Rotary Hook	1	141655-0-00	
1. 9	Oil Feeding Pipe	2	142359-0-01		149	Screw	2	009670-6-12	
111	Vinyl Tube	1	143177-0-01		150	Oil Feeding Pipe		142748-0-01	
L-14	Wick	1			151	Vinyl Tube	1		
L-15	Screw	1	009680-6-12		1.460	Vinyl Tube Joint	1		142352-0-01
L-16	Wick Holder (B)	1	141686-0-01		L-52	Tube Stopper	1	116975-0-01	
117	Wick Holder (C)	1	141688-0-01		153	Screw	1	009670-5-12	
118	Screw	2	100242-0-03		154	Screw	.   1	009670-5-12	-
119	Screw	1	009680-6-12		L-55	Tube Stopper	1	141692-0-01	
120	Wick Holder (A)	1	141685-0-01		156	Wick Holder (B)	1	141689-0-01	
L-21	Screw	2	009670-8-12		157	Screw		107419-0-02	
122	Oil Tube (A)	1	141663-0-01		L-59	Oil Feeding Pipe		141651-0-01	
123	Wick Base (B)	1			161	Cover		141654-0-01	
L-24	Oil Cap	2	110104-0-00		162	Screw	12	009670-6-12	***
L-25	Oil_Tube (B)	1	141664-0-01		163	Packing		104564-0-01	
L-27	Oil Tube (C)	1	141665-0-01	141661-0-01	L-64	Oil Adjusting Bracket		141652-0-01	
L-28	Oil Pipe	1	116968-0-01		165	Washer	1	100052-0-01	
129	Oil Tube (B)	1	141666-0-01		166	Cap Plate		141653-0-01	
	Oil Tube (G)	1	141668-0-01		L-67	Screw	3	102538-0-02	
	Oil Tube (F)		141667-0-01		L-68	Pipe for Oil Gauge Window	1	143715-0-01	
	Oil Feeding Pipe	1	142359-0-01		L-69	Screw	TI	143716-0-01	
	Oil Feeding Pipe		142359-0-01		170	Wick	2	147724-0-01	
133	Vinyl Tube	1		142353-0-01	L-71	Wick Holder	1	112743-0-01	
160	Vinyl Tulæ Jøint	1		142333-0-01	172	Screw		009670-5-12	
L-35	Vinyl Tube		142742-0-00		173	Vinyl Tube			1.00.000.000
L-36	Vinyl Tube		141683-0-00		174	Felt	1		148472-0-01
L-37	Screw		009670-5-12		175	Oil Feeding Pipe	11	142748-0-02	1
	Tube Holder		142268-0-01		1. 76	Felt	the second second	148745 0 00	
L-39	Vinyl Tube	2	120774-0-01		L- 77	Presser Spring		148746 0 01	
						Screw		009680 6-12	



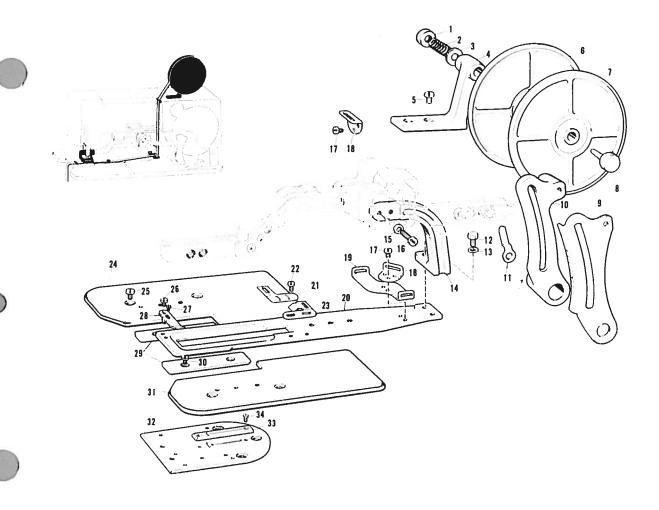
Pr.	Name of Parts	Quy	59331 17	Assembly No.	Ref. No.	Name of Parts	On	Parts No.	Assembly
N 2	Nut		142750-0-01		M-52	Screw	1.1	003660-8-12	1
	Vinyl Tube	2	141647-0-00		M-53	Pulley			4
M- 3	Oil Feeding Pipe	2	14235940401		M-54	Screw	12	009711-4-12	1
- M - 4	Screw	1	102538-0-02		1.55	Bearing 600 lyv			-
M= 5	Oil Gauge Flange		[04546-0-0]		M-56	Bearing Cap	1	To a Common and the security and the	
A - ti			141696-0-01		M-57	Serew		003660-8-12	1.41-100-0-0
$\Delta l = 7$	O Ring	1	081014-6-70		M-59	Transmitter Shaft	1		-
M- 8	Transmitter Base		147222-0-01		Al-60	Stop Ring	-	048200-1-42	-
M-14	Bolt	- 3	018082-5-22		M-47		-	109203-0-01	
M-15	Screw	1	014760-6-22	1	M-48	Screw	<del>                                     </del>	[1861]-0-0]	
M-17	Screw	2	01/1770/6/22		31-58	Screw	1-2	013781-0-12	
M-18	Pump Shaft Gear		and have a second of	143915-0-01	21-61	Oil Cap		111937-0-01	
M-19	Lower Shaft Gear					Bushing (Front)		14398340401	
M-20	Screw	1 3	01.1770.6.22		M-63	Screw		H01670-6-14	
M-21	Pump Puffey Shaft		14398240401		M-65	Tube Stopper			
M-27	Washer		107 [53-0-0]		M-66	Oil Can		116975-0-01	
M-29	Wick		1-11669-0-00		M-67	Spring		108520-0-01	
M-30	Belt Shifter Cam		14158240400	the set of the second section and polynomials	M-68	Oil Plate		[4593]-0-0]	
M-31	Screw	-	441583-0-01		N1-69	Pump Bell Tension Lever		147226-0-01	
Al-32	Belt Shifter Guide	2	Li1588-0-01		M-70	Pin			
M-33	Screw		009680-8-13	~	31-71			AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I	
M-34	Belt Shifter Bracket				M-72	Pump Belt Tension Roller Stud Stop Ring	1 1		147223-0-01
M-35	Slide Block		And the second s	141584-0-01	M-73			0.18060/3542	
Me36	Belt Shifter		14[589.0.0]		M-74	Bearing Screw		AND THE PERSON NAMED OF TH	
M-37	Screw		009711-0-13		M-75	I THE STATE OF THE		009761-2-12	
	Oil Pump Pulley		141637-0-00			Washer		025060-2-32	
M-39	Bushing		14276640401		M-76	Nut	1	142750-0402	
M-40	Screw		013770-7-10		M-77	Serew	3 1	009711-4-12	
M-11	V-Belt				M-78	Pump Body	1	H8468-0-01	
	Slow Speed Pulley		1.11636.0.00		M-79	Plunger		H8171-0-01	
	Pulley -		-			Spring		144876-0-01	
	Bearing 6004yy				<u>M-81</u>	Screw		112467-0-01	148761-0-01
	Bearing Cap		- The same of		M-82	Pump Shaft		148469-0-01	
	Screw			1		Screw	1	145465-0401	
			00006008-12			Pump Cap Plate		148470-0-00	
	Bearing 6007vv			H1566-0-01		Oil Pump Outer Roter	T	14161240400	
	Bearing Washer			į	M-86	Oil Pump Inner Roter		141643-0-00	
M-51	Bearing Cap	-skal (k							

#### N. Parts for LH4-B814-2



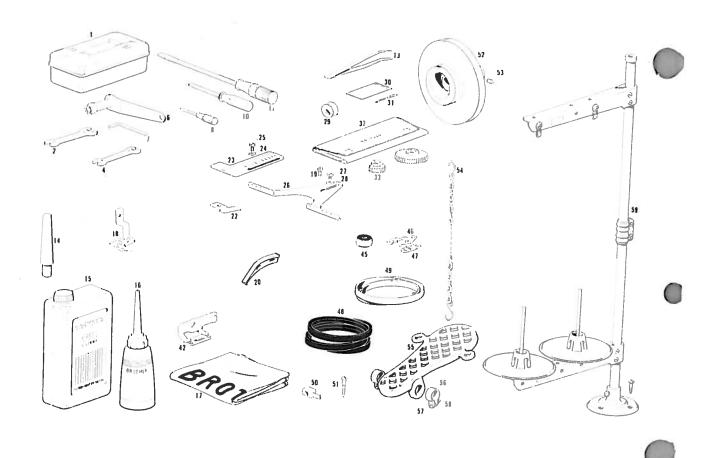
Ref. No.	Name of Parts	Q'iy	Paris No.	Assembly No.	Ref. No.	Name of Paris	Q*ty	Parts No.	Assembly No.
N- 1	Not	1	100136-0-01		N-18	Tape Guide Upper	2	143748-0-01	
N- 2	Spring	1	108495-0-01		N-19			143749-0-01	
N- 3	Washer	1	108494-0-01		N-20			145248-0-01	
N= 4	Tape Winder Bracket	1		143767-0-01	N-21	Tape Guide From	1	144999-0-01	
N= 6	Tape Holder Plate (L)	1			N-22		2	105288-0-02	
N- 7	Tape Holder Plate (R)	1			N-23	Tape Guard Rear		144998-0-01	
N- 8	Screw	1	143980-0-01			Bed Cover		143742-0-01	
N- 5	Screw	2	107407-0-02			Screw		107407-0-02	
N= 9	Length Feed Indicator Plate	1	143740-0-01		N-26	Screw		122771-0-02	
N-10	Length Feed Adjusting Lever	1	143739-0-01		N-27	Tape Guard From		144997-0-01	
N-11	Stopper	1	144511-0-01			Length Feed Guide Plate		143743-0-01	
N-12	Bolt	2	017681-0-14			Screw		106568-0-01	
N-13	Washer	2	113431-0-01			Bed Cover Right		143741-0-01	
N-1-1	Lower Feed Arm		143738-0-01			Base Plate		143741-0-01	
N-15	Washer	2	100615-0-03			Needle Plate			145244-0-01
N-16	Screw	2	009682-0-14			Screw	2	145247-0-01	140244-0-01
N-17	Screw	1.4	009660-4-14					140247-0-01	

### O. Parts for LH4-B814-3



No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
0-1	Nut	1	100136-0-01		0-19	Tape Guide Lower		143749-0-01	1411.
0-2	Spring	1	108195-0-01		()-20			144627-0-01	
O~ 3	***************************************	1	108491-0-01	1	(1-2)			144999-0-01	
()	Tape Winder Bracket	1		143767-0-01	0-22			105288-0-02	
0- 5		1		i	O=23	Tape Guide Rear		14-1998-0-01	
	Tape Holder Plate (R)	1				Bed Cover Left		143742-0-01	
0-7		1	143980-0-01		T1~25				
0=9	resembles a contraction filter   1 Hills	1	143740-0-01		(1-26)	Screw		107/107-0-02	
1-10	Landard Leaves Landing Court of		143739-0-01		0-27			105970-0-01	
	Stopper	1	144511-0-01			Tape Guard From			
0-15	Bolt	2	017681-0-14			Length Feed Guide Plate		144628-0-01	
O = 13	Washer	2	113431-0-01		0-30			143743-0-01	
0-1.1	Lower Feed Arm		143738-0-01			Bed Cover Right		106568-0-01	
0-15	Washer	2	100615-0-03		0-32	Base Plate		143741 -0-01	
1-16	Screw	2	009682-0-14		***************************************	Needle Plate			101 . 0207
9-17	Screw		009660-4-14			Serow			144633-0-01
1-18	Tape Guide Upper		143748-0-01			Screw		111073-0-02	

### Z. Accessary



Ref. Name of Parts Z-1 Acressory Roy	(f, 1)	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
	1 1	110436-0-01		Z-30	Needle Bag			140.
Z- 2 Spanner 10×12	1_1_	107780-0-01		Z-31	Needle DPX5	10		
Z- 4 Spanner 8×9	1	100887-0-01		2-32		111	142745-0-01	
Z- 6 Box Spanner	1_1_	143949-0-01		Z-33			142743-0-01	
Z- 7 Spanner 3	1	142721-0-01		742	Upper Clamping Foot			
Z- 8 Screw Driver .	1	142443-0-01		Z-45	Collar		146254-0-01	
Z-10 Screw Dirver	1	118837-0-01		746				
Z-11 Screw Driver	1	101572-1-01		2-47			141541-0-01	
Z-13 Tweezers	1	117466-0-00		Z-18		- 2	141543-0-01	
Z-14 Head Rest	1	142005-0-00	-	748			082101-1-90	
<-15   Oil Tank	1	145277-0-03		748	V Belt		082104-2-90	
%-16   Oiler	1	114483-0-01		Z-49			082104-3-90	
7-17 Head Cover	1	144226-0-01		2-50	Head Hook		141711=0-00	
2-18 Upper Thread Trimming Assembly	. 1	141509-0-01		Z-51	Screw	2	141256-0-01	
-19 Bolt	2	017681-0-14		Z-52	Pulley	- 4	101125-0-00	
7-20 Stop Cam Segment (Small)		142734-0-01		752	Pulley	1	141707-0-01	
:-22 Cutter	1			752	Pulley		141709-0-01	
23 Cloth Guide		147156-0-01		Z-53		1	143890-0-01	
24 Washer		025680-2-34			Screw		013761-0-12	
-25 Bolt		017680-5-14			Chain Assembly	2	142262-0-01	
-26 Ruler	-	141705-0-01			Foot Pedal	1	147623-0-01	
-27 Bolt		017680-5-14			Pedal Stopper	- 4	116016-0-01	
-28 Washer	-	116662-0-02			Screw	-4	001401-4-06	
-29 Bobbin		146025-0-01			Nut	4	021400-1-06	
		1.400.20.01		759	Cotton Stand Assembly	1	150150-0-01	

#### DIFFERENT PARTS LIST

	Sub-Class Name of Part	80024 (2)	80034 (:3)	Ref. No.	Sub Class Name of Part	80024 (-2)	80031 (=3)
		107415-0-14	107415-0-11	Z-22	Cutter 1 '	143780-0-01	143780-0-01
F 3		141382-0-00	141386-0-00	Z-31	Needle DP×5	107415-0-14	
(* 8.,	Upper Climping Foot	144497-0-01	144629-0-01	Z13	Gear 30	141376-0-00	
H- 9	Cutter 1/3"	107200-0-01	107201-0-01	"	Gear 32	141377-0-00	
7. 27	Currer 3.1	107201-0-01	107201-0-01		Gear 36	141379-0-00	
"	Cutter 15"	107200-0-01	107200-0-01	"	Gen 40	141381-0-00	141381-0-00
	Cutter 3	107205-0-01	107205-0-01	"	Gear 42		141382-0-00
72	Cutter	109837-0-01	109837-0-01		Gen 41	141383-0-00	111.10
- 11	Cutter	107207-0-01	107207-0-01	"	Coar 16	141384-0-00	141384-0-00
**	Cetter ::	109838-0-01	109838-0-01	Z-42	Upper Clamar Last	144574-0-01	144631-0-01
	Curter 1	107210-0-01	107210-0-01		The same of the sa	144,374-0-01	144001-0-01

#### INDEX

Parts No.	Ref. No.	Remark Parts No	Ref. No.	Remark	Parts No.	Ref. No.	Kemarl	Parts No.	Ref. No.	Re nark
001401~4-06	Z -57	009681-2-1	Δ.1		011760 6 22	F-10		025050-2-33	K 57	
001670-5-12	G-43	"	A 102			1.25		0.25060-2-32	M-75	
001670-5-14	Α -16	009681-1-1	2 11.6		7	M-15		0251000032	C 27	
16	A-110	009681-1-1	Λ-13		0117706 22	P-1, B-19		025100 132	C -29	
001670-6-12	A-19	009682 0 1	1 A 2			B-21			C 50	
001670-6-14	M-63	,,	N-16		11	B -26		0 3:50 3 32	G-H	
003660-8-12	M-46	"	O-16		,,	Ball			A -20	
*	M-52	009689-1-1	2 A-108			B-33		02.5801.51	1 40	
10	M-57	**	J 21			B-35		02.680.2.4	A 60	
007671-2-12	1 -28	"	1 -25		,,	B 46		,	C-71	-
009660-4-14	N-17	009710.8.1	2 14			D-5a			Z 21	
н	O -17	009711-0-1			107	11-58		0.57 0.202	1 -52	
009669-3-12	G-71	009711-1-1			//	B-6		025900-2	D 20	
009669-4-12	B-6	N	M-51			( 9		02 050 2-11		
009670-4-12	J -19	,	M 77			C 59		The second secon	C -06	-
009670-5-12	H -69	009711-14				D-5		011117-2-01	A 38	
	L -37	009761-0-1		-				017 01 7 12	G-31	
,	L -51	"	C 25	-		E 58	-	017 50 8 1	1 -33	
22	F -48		- i			1F-6		048030 3 2	1 -16	
	L -53	009761-0-1			, ,	G -7		() II	K-59	
,,	172	009761-0 1			Н	G -61		018010-1-42	G · [8	
009670-5-14	A 48	009761-2 1			"	G-62		018050-; 42	G-56	
		Р	1) 18		"	G-68		0 8 160 3 12	G -1-1	
009670-6-12	A -44	W	E -36		Ħ	11-20		,	[9	
"	1. 49	*	11-30		H	11-11			$\Lambda  .72$	
	D-23		J -32		"	L 56		0 8070-3-12	C -36	
P	1 -35	*	K-37			K-5		*	C -81	
н	L -62	"	M-71		"	K-0		0.80 0-,2	G-26	
н	K -33	009761-2-1	I I 51			N-17		01/090:2	1 -12	
009670-6-13	G -46		1 -70		"	N - 20		048100 1-12	C -30	
009680-7-12	11-1	00 1761-4-13	A 80		017680 1-	7.25		048110-1-12	E 45.	
ži.	1 -3	W.	1 -17			Z 7		148 50 1-40	11-37	***
*	L -68	009762-0-13	A -74		017681-0-11	C 72		048200 1   2	M-60	
009670-8-12	G -40	"	A -91			N-12		048250-1-10	C 20	
"	L-8	009771-8-12	H-36	1	,,	0.12		072600-5-60	(	
"	L -21	013670-7-12	B -71		*	7 9		072620-2 60	Ball	
ps .	L -42	, ,	C -8		017751-4-12	K-		081011-6-70	M-7	
·H	K-12	013679-4-12	B -86		017761 -1-12	C 68		082104-1-90	Z 18	
009680-6-12	A-112		1 -69	-	017781 4-12	C-70		082104-2-90	Z 8	_
"	L-19	013680-6-12			017782-5 12	C - 3		082104-3-90		
и	L -15	013680-6 13			018081-4-22	G · 5			Z -18	- 3
,,	L -78	013689-4-12	-		018082-5-12	C -58		100008 0-0.1	A -13	
009680-7-12	G -81	"	I -65		"	M-14		100022-0-05	J 2	
"	I -11	013711-0-10	+ +		018400-8-22	-	-		J -25	
009680-7-13	D -22	013760-6 12	A -8			G-21		"	1 435	
009680-7-14	J -12	013760-7-13			021400-1-03	F · 18		7	1 41	
009680-8-12	I -15		A - 17 D -7		021400-1-06	7 - 8		100032-0-03	(i -63	
# # # # # # # # # # # # # # # # # # #	1 -13	013760-8-10	++-		021660-1-02	G -89			K-7	
		013760-8-12			021710-2 02	C -57		100052-0-01	L-65	
W00000000	J -30		F -53	-	021750-1-03	1 -60		0007 > 0 0	C -45-2	
009680-8-13	M-33	013761-0-12	G -49	10	021760-3-04	A -63		00 (-0.0)	A -35	
009680-8-14	H -25	н	K -27		н	11-4		p-	A -60	i
009681-0-12	G -9	"	K -41	(	)21780-3-02	K 36		00 6-(-01	A 37	
*	J -2		Z -53			K-62			A -67	
	F -27	013761-4-10	B -49	[ 0	121780-3-03	F -39		19	N-1	
09681-0-14	A -14	и	B -53	[ 0	121860-2-02	C 45-1			() -	
<b>M</b>	F -51	013770-7-10	M-40	10	21910-3-02	D -28	1	00212-0-03	118	
09681-2-12	B -40	013771-4-10	B -62	0	22840-3-03	1-41		00250-0-0	13 -27	
"	K -35	013781-0-12	11-16			I -55		00211-0-01	G 3	
*	F -23		M-58		,	K-45	1		I II	
										- 0

á	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No	. Ref. No.	Remark	Parts No.	Ref. No.	Remark
	00398-0-01	A-32		107126-0-01	11-43		110641-0-0		1	141243-0-01	Λ -6-1	Remain
VIII.	1 100399-0-01	A-31		107153-0-02	C-35, M-27		110744-0-0			141244-0-00	A -65	••
	100400-0-00	A-33		107200-0-01	11-9, Z-22		111073-0-0				-	+
	100402-0-02	A -29		107204-0-01	11-9, Z-22		111937-0-0		-	141245-0-01	1 -22	
	100511-0-03	E-6		107205-0-01	Z22		112144-0-0		-	141246-0-01	1 -23	-
	100644-0-04	A -59		107207-0-01	Z -22		112359-0-0			141247-0-01	1 -26	
	#	A -105		107210-0-01	Z -22		112467-0-0		-	141248-0-01	A -78	
	100645-0-03	N-15		107231-0-01	1 31		112743-0-0			141249-0-01	A -79	
	**	0.45		107274-0-02	K -29					141252-0-00	A -83	
	100659-0-01	1 .77		107321-0-01	A 40		112744-0-0			141254-0-00	A -91	-
	100661-0-01	1 -79		H	A -88		112751-0-0			141256-0-01	Z -50	
	100887-0-01	ZI		107372-0-01	1 -30		112751-0-02			141257-0-01	1 -4	
	101125-0-00	Z -51		107407-0-02	C -78		113431-0-01			141258-0-01	1.7	ļ
	101125-0-01	1 -6	11	107107-0-02			**	O -13		141259-0-01	1 -5	
	101572-1-01	Z ·11		"	A -100 H-8		114294-0-01			141260-0-01	A -12 -	Í
	101571-0-01	A -10		,			114747-0-01			141261-0-01	A-3	
1	101706-0-01	B ·23		,	J -15		114483-0-01			14 162-0-0	A · 6	
1	"	B -60			N ·8		115493-0-02			141203 0 0	A-38,39,42	
	<b>P</b>			"	N-25		115503-0-01			141265-0-0	A -39	
	101706-0-03	B -51		1054054444	O-25, 8		115542-0-01	C -52		141266-0-01	A -103	
	102023-0-03	G -67		107407-0-03	B-8		115544-0-01	C -53	i	141267-0-01	A -93	
		A -95		"	F -29		115545-0-01	C -54		141268-0-01	Α -49	
	102424-0-03	A ·66			F -15		115546-0-01	C -55		141269-0-01	A -45	
	102843-0-04	B-44			K -46		115550-0-01	C -49		111271-0-01	B -29	
	102538-0-02	167		107415-0-11	B-12,Z-31		115551-0-01	C -51		111272-0-01	B -28	
	, , , , , , , , , , , , , , , , , , , ,	M-4		107415-0-14	B-12,Z-31		115552-0-01	C -48		111273-0-00	B -32	
	102707-0-02	D-21		107419-0-02	L -57		115558-0-02	C -24		141270-00	B -39	
-65	102843-0-01	C-1		107453-0-01	K-2		$115559 \cdot 0 \cdot 02$	C -23		111275-0 01	B -12	
	3950-0-02	A -30		107488-0-02	Z -25		115585-0-01	1 -43		14 276-001	B -43	
-	03978-0-02	A -116		*	Z -27			1 -53		141 27 ; 0.00	B -38	
3,0	104449-0-01	A -17		107550-0-02	G-41		*	K -44		111 7 -00	C -5	
	"	Dil		107602-0-01	A -71		116016-0-01	Z -56		1112 9.0.0	C-3	
	, ,	D-10		*	A -36		116562-0-02	A-104		141280-0-01	C-6	
	104450-0-01	A ~16		107612-0-01	A-72		116662-0-02	Z -28		141281-0-01	C -14	
1		A -106		107639-0-01	.L -48		H6725-0-01	A -87		141282-0-01	C -7	
	104546-0-01	M-5		107678-0-01	A-99		116795-0-00	E-31		141283-0-01	C-11	
N	104564-0-0[	163		107680-0-01	A -98		116968-0-01	L -28		141284-0-00	C -1:1	
7	104827-0-01	. D -19		107681-0-01	A -97		116975-0-01	152		141285-0-01	C -12	
1	,,	F -8		107682-0-01	A -96	Miller with the till debuttled response of the co.	<b>H</b>	M-65		141286-0-01	C -16	
-	104833-0-01	A -58		1077-14-0-01	K-60		117215-0-01	A -68		141289-0-01	C -17	
-	104847-0-01	K-26		107780-0-01	Z -2	-	117258-0-01	Λ-7		141290-0-00	B -25	
1	104848-0-01	K -42		108491-0-01	N-3		117348-0-01	C-8		41293-1-01	B-4, 85	
1	104908-0-02	D-15		"	0.3		117466-0-00	Z -13		41295-0-01	8-2	
1	105231-0-03	A -77		108495-0-01	N-2		117598-0-01	E -32		41296-0-01	8.9	
1	105288-0-02	N-22			0.2		17934-0-01	1 -83		41297-0-01		
ľ	#	O -22		108520-0-01	M-66		18215-0-01	G-19			B -47	
1	105451-0-01	K -22		109173-0-01	11.78		18262-0-02	G 48		41298-0-00	B 48	
ľ	105812-0-01	E -13		109183-0-01	13 -70		18352-0-01			41303-0-00	B -56	
1	105812-0-02	E -15		109203-0-01	M-47		18735-0-02	G-88		41304-0-01	13 -6:1	
1	105970-0-01	0.27		109837-0-01	Z -22		# TOTAL 19-10-25	C -42		41305-0-00	B -61	
ŀ	106147-0-01	F .17		09838-0-01	Z -22			C -69		41308-1-01	K-11	
ŀ	106568-0-01	N-29 -		09862-0-01			INCER A AL	11-35		41309-0-00	B -34	
	1 (14,5,6,6,7)	O-30			1 31		18759-0-01	A-38, 39, 42		41310-0-01	1) .9	
1	106588-0-01	E -7		10104-0-00	124		18837-0-01	Z -10		41311-0-01	1)-2	30
ŀ	100000-0-01			10161-0-03	1 -3		20774-0-01	[, -39		11312-0-00	D-8	
	<u></u>	E -23		10161-0-04	K-48		20790-0-03	11-10		41313-0-01	D -4	
	70000000000	11.37		10185-0-02	1 437	1	22771-0-02	N -26	1-	11316-0-01	1 -38	
1	106629-0-01	K-58		10367-0-01	13 -22		"	O -26	1	11326-0-01	1)-11	
1	1070[7-0-0]	A 47		10436-0-01	Z · 1		10001-0-01	13 - 10	1.	11328-0-01	11-21	
	107017-0-01	A -89		10491-0-01	E -19	1.	40553-0-01	B-11		11329-0-01	1) -25	
	107097-1-01	B -82				1	10947-0-01	E 45	1	11332-0-01	E -22	

Parts No.		Remark Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
141333-0-0	1 E-24	141413-0-01	F-24		141492-0-01	J=38	1	141559-0-01	C -22	
141334-0-0	I C-21	141417-0-01	G-50		141491-0-0)	J26		141562-0-01	1 -46	-
	C-38	141417-0-01	11-15		14	J -37		141564-0-01	1.52	
,,	£-25	141419-0-01	G-47		-	.1::51			M-42, 46, 49	
141335-0-0	E-12	141420-0-01	G-42		141496-0-01	1-13		141566-0-01	57, 59, 60	
141336-0-0	1 E-9	141421-040)	G-63		141497-0-01	1 -16		141574-0-01	C -82	
141337-0-0	E-10	141422-0-01	G-57	**   **********************************	141499-0-01	1 -20	Management of the contract of	141575-0-01	1 451	
141338-0-0	E-11	141426-0-01	G-61		1-11500-0-01	1.48		141576-0-01	M-34, 35	
141339-0-0	E-8	141427-0-01	G-22	-	141501-0-01	J -45		141579-0-01	1 -57	
141340-0-0	E-20	141429-0-01	G-32	-	141502-0-01	J -5				
141341-0-0	E-29	1/1430-0-01	G-60		141504-0-01	J -6		141580-0-01	-59	
141312-0-00	F 15-323	1/1/431-0-01	G-20		141505-0-01			141581-0-01	1 -50	
141343-0-0		141433-0-01	G-65					141582-0-01	M-30	
141343-0-02		111431-0-01	G-24		1-11506-0-01	1-13	The state of the s	141583-0-01	M-31	
"	J -33	1/11/39-0-01	·	ļ	141507-0-01	Gel7		141584-0-01	M-34-35	
n	E-35	141440-0-01	(i-77	ļ	141508-0-01	K-17		141588-0-01	M-32	
141344-0-01		1-11-4-11-0-01	G-70	ļ	141509-0-01	J-7~11.Z-18	Advanti de mejo e pipanja venikala a a spo	141589-0-01	M-36	
141345-0-01			G-74		141511-0-01	1.8		141590-0-01	A -62	
141346-0-01		141412-0-01	G -72		141513-0-01	1-10		141592-0-01	J -28	
		141445-0-01	F -47	ļ	141514-0-01	1:11		"	155	
141347-0-01		141416-0-01	F-26		141515-0-01	G-80		141593-0-01	A-61	
141348-0-01		141448-0-01	F-28		141546-0-01	1.1		141594-0-01	A+17	
141351-0-01		141419-0-01	G-8		141517-0-01	J -47		1-11596-0-01	F -50	
141354-0-00		141450-0-01	Ci -ti		141518-0-01	K-47		141597-0-01	F -55	
141355-0-01		141451-0-01	G-5		141519-0-01	K-61		141598-0-01	F -54	
141356-0-01		141454-0-01	<u>(i-1</u>		141520-0-01	K-54		141599-0-01	F-62	
141357-0-00		141455-0-01	G-10~-16		141521-0-01	15-61		141600-0-01	A-101	
141358-0-01	15-26	141462-0-01	11-32		144522-0-01	K-6			1-65 69	
141359-0-01	E-39	141463-0-01	11-33		141523-0-01	K-56		141601-0-01	71 - 82	
141363-0-01	E -44	,	J -42	* 1111111111111111111111111111111111111	141526-0-01	K-55		141604-0-01	1 .7.1	
141365-0-00	E 43	141464-0-01	11-39		141527-0-01	K-39		1-11608-0-01	1 .78	
141366-0-01	E-42	1-(1465-0-01	11-38		141528-0-01	15-40		141610-0-01	-75	10 And an pr
141367-0-01	B-30	1-11-166-0-01	11-34		N	K-43		141611-0-01	1 -67	
141368-0-00	F -7	141467-0-01	11-29		141529-0-01	K-38		1.1161.1-0-01	A-18	
141369-0-01	F-4	141468-0-01	11-26		1/11530-0-01	K-28		1-11616-0-01	A -22	
141376-0-00	Z -33	141469-0-01	11-23		141531-0-01	K-31		141617-0-01	A-21	
141378-0-00	F-3, Z-33	141471-0-01	11-27		141532-0-01	K-31		141618-0-01	C -75	
141379-0-00	Z -33	141472-0-01	11-28		141533-0-01	K-25		141619-0-01		
141381-0-00	Z -33	и	1 -49		141534-0-01	K 23		141620-0-01	A.9	
141382-0-00	F-3, Z-33	и	J -46		141535-0-01	K-24			A-11	
41384-0-00	Z -33	"	K-63		141537-0-01	K-20		141621-0-01	1-12~13, 16~21	
41386-0-00	F-3		K-65					-	27~29,32~40,83	
41389-0-01	F-10~14	141473-0-01	11-19		141538-0-01	K-18		141625-0-01	1 -34	
41392-0-01	F-12	141474-0-01	[1-12		141539-0-01	K-19		141627-0-01	1 -27	
41393-0-01	F -13				141541-0-01	K-16	-	141628-()-()1	1 -18	
41394-0-01	F-9	141475-0-01	H-21		"	Z -46		141630-0-01	1 -20	
41395-0-01		141476-0-01	11-22		141542-0-01	K-17		141633-0-01	1 -14	
41395-0-01	F.40	141477-0-01	H-3		141543-0-01	K-14		141636-0-00	M-41	
	F -38	141478-0-01	11-2		"	7. 47		141637-0-00	M-38	
41397-0-01	F-37	141479-0-01	11-5		141544-0-01	K-13		141642-0-00	M-85	
41398-0-01	F-41	141481-0-01	11-14		141545-0-01	K-32		41643-0-00	M-86	
11399-0-01	F-42	141484-0-01	G-29		141547-0-01	C -67		41647-0-00	M-2	
11400-0-01	F-31	141485-0-01	G-30		141548-0-01	C -65	1	41651-0-01	L -59	
"	F-36	1-11-486-0-01	G-39		141549-0-01	C -64	1	41652-0-01	L-64	
11401-0-01	D-17,28-30	141487-0-01	G-28		141550-0-01	C-61	1	41653-0-01	L -66	
11404-0-00	1)-16	141488-0-01	G-27		141553-0-01	C-41		41654-0-01	L-61	_
11408-0-01	F-30	141489-0-01	J -24		141554-0-01	C-47		41655-0-00	L-48	
1409-0-01	F -33	141490-0-01	J -36		141555-0-01	C-39		41656-0-01	L -47	-
1410-0-01	F -25	141491-0-01	J -40		141556-0-01	C-20		41658-0-00	L -3	
1411-0-01	F -32	141492-0-01	J -50		141557-0-01	C-60		41659-0-01	E -40	
1412-0-01	F-16		J -27		141558-0-01	C-46			22~25,27~31	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remar
141663-0-01	L -22		142372-0-00	C -62		143748-0-0	N-18		146002-0-01		
141664-0-01	L -25		,,	G-52	<b>†</b>	"	O-18		146025-0-01	B -81	+
41665-0-01	L -27		"	K -53		143749-0-0			# NOVE 10 10 10 10 10 10 10 10 10 10 10 10 10	Z -29	
1666-0-01	L -29		142373-0-00	C -63		И	O ·19		146041-0-01	C -28	
T 141667-0-01	L -31		"	I -54	†		N-1~7	-	146209-0-01	1 -10	
141668-0-01	L -30		"	K-52		143767-0-01	D-1~4,6~8		146254-0-01	Z -45	-
141670-0-00	L -40		142374-0-00	G-23	1	143780-0-01	+		146355-0-01	B -73	
141671-0-01	L-41		142375-0-00	F -34		143788-0-01	-		146955-0-01	1 -42	
141672-0-01	L -43		142376-0-00	81-11		143793-0-01	+		146958-0-01	1 -48	-
141679-0-01	L -2		142407-0-01	B -72		143890-0-01			146960-0-01	) -14	-
141680-0-01	L -1		142408-0-01	B -66		143911-0-01	-		147155-0-00	E -46	
141681-0-00	B -7		142413-0-01	L-7, 13		143915-0-01			147156-0-01	Z -23	
141682-0-01	B-5		142-116-0-01	K -15		143927-0-01	K -66		147222-0-01		
141683-0-00	1. ·36		142419-0-01	K -9	-	143933-0-01	B-74~77		147223-0-01	M-8	
141685-0-01	L -20		142420-0-01	K -10			F.22, 23			M-69~73	
141686-0-01	L-16		142443-0-01	Z -18	l	143942-0-01	26~29,13~47		147226-0-01	M-68	
141688-0-01	L -17		142582-0-01	B -65		143943-0-01	F 44		147317-0-01	A -107	
141689-0-01	L-56		142702-0-01	F -35		143944-0-01	F -22		147565-0-01	J -34	
141691-0-00	M-29		142709-0-00	B -52		143945-0-01	K-3		147623-0-01	Z -55	
141696-0-01	M-6		142721-0-01	2.7		143949-0-01	Z -6i		147639-0-01	C -44	
141697-0-00	G-51		142724-0-01	11-3, 7, 8		143980-0-01	N-7		147650-0-01	B-10,13~-18	
"	11-17		142733-0-01	A -26		"	0.7		1 (****) ( ( ( ) ( ) )	20, 21	
141698-0-01	C -79		142734-0-01	Z -20		143982-0-01	M-21		147724-0-01	L -70	
141699-0-01	C -80		"	Z -43		143983-0-01	A1-62		147901-0-01	D-3,11~15,20	
141700-0-01	C -74		142735-0-01	A -24		143984-0-01	A :92		147945-0-01	G-68	
141701-0-01	C -76		142736-0-01	B-3, 84		143985-0-01			147985-0-01	13 - 79	
141702-0-01	C -77		142737-0-01	B -84		143986-1-01	A 90		148052-0-01	13-4	
141703-0-01	C -73		142742-0-00	L -35		144226-0-01	B -80		148053-0-01	B -85	
141704-0-01	C -40		142743-0-00	A -54		144497-0-01	Z 47 G-82		148054-0-01	11-83	
141705-0-01	Z -26		142744-0-01	B -77		144541-0-01			148055-0-01	A -15	
1707-0-01	Z -52	-	142745-0-01	Z -32		14434140401	N-11		148468-0-01	M-78	
A1709-0-01	Z -52		142748-0-01	1, -50		144574-0-01	0.11		148469-0-01	M-82	
141711-0-00	Z -49		142748-0-02	L -75			Z -12		148470-0-00	71-81	
141714-0-01	F -5		142750-0-01	M-1		144627-0-01	0.20		148471-0-01	<u> </u>	
141716-0-00	E -11		142750-0-02	M-76		144628-0-01 144629-0-01	0.28		148172-0-01	1.74.75	
111717-0-01	11-16		142751-0-01	Č -15		-	G-82		148682-0-01	A -115	
141718-0-01	J -92		142755-0-01	C-31		144631-0-01	Z 12		148745-0-01	176	
141953-0-01	C 31		142766-0-01	M-39		144741-0-01	0.32-34		148746-0-01	177	
142005-0-00	Z -14		142771-0-01	C -37		144876-0-01	A -28		148761-0-01	M-78~86	
142214-0-01	C -32		142779-0-01	11-42		144946-0-00	M-80			3-35,36,45,46	
142258-0-01	F -49		142972-0-01	Z -59			A -82		-	11-54,55,57,58	
142259-0-01	1 -72		143177-0-01	111		14499740401 14499840401	N-27		181250-0-01	11-44~46	
142262-0-01	Z -54		143445-0-01	A -109		# PERSONAL PROPERTY.				C-63, 64, 68	
142268-0-01	L -38		143713-0-01	A-111		144999-0-01	0 -23		181969-0-03	G-66, 67	
142269-0-00	A -85		143714-0-01	L-68, 68		M 14-13/33/3-(1-0/1	N-21		181994-0-01	10-6, 7	
142272-0-01	F-1		43715-0-01	L -68			O -21 N-31, 35, 36		181995-0-01	B-50, 51	
142273-0-01	F -2		43716-0-01	169		145247-0-01		- 9	403388-0-01	D -27	
142297-0-01	C -10		43738-0-01	N-14			N 36		"	E -34	
142298-0-00	114		W	0.14		145248-0-01	N-20		507142-0-02	1 -82	
142312-0-01	1 -3		43739-0-01	N-10		145277-0-03	Z 15		512769-0-01	K-21	
142351-0-01	L-46, 60		H	0.10		145446-0-01	A=34				
142352-0-01	L-51, 60		43740-0-01	N-9		15.165/0.01	A -70				
142353-0-01	L-33, 60		4.33.405-05-051	0.9		45465(0.01	71.83				
142354-0-01	11.5					45673-0-01	.1 -29				
, ,, (-01	M-4		437-11-0-01	N -30		45931-0-01	M-67				
142355-0-01	L -3, 5			0.31		45961-0-01	A-114				
142333-0-01			13742-0-01	N -24		45998-0-01	J -17				
)	L -26		19712 0 01	O -24			1-80,85~89				
/	132		43743-0-01	N-28		46000-0-01	G-85				
	M-3			O 29	1	46001-0-01	G-87				