

brother

PARTS BOOK

LS2-B837

DESCANLADO

P837202



ORIGINAL

Single Needle Lock Stitch Unison Feed Sewing Machine
Single Needle Lock Stitch Unison Feed Cavemac
with Automatic

EDIÇÃO

2

BROTHER INDUSTRIES

NAGOYA, JAPAN

00000115



11 folha

Notes for using this parts book

1. This book is applicable to sewing machines which have the same plate number as shown on the cover of this book (or correction sheet).
2. If the symbol  is found in the "Parts No." column or the "Assembly No." column, refer to the different parts list on page 15.
3. The symbol  in the "Parts No." column indicates that the parts is not available for supply. If, however, there is a number in the "Assembly No." column, the parts can be ordered as an assembly. Please, therefore, order by using the Assembly No.
4. This book was prepared based on information available in July, 1981.
5. Parts are subject to changes in design without prior notice.

Anmerkungen zum Gebrauch dieses Stücklistebuches

1. Dieses Buch bezieht sich auf die Nähmaschinen mit derselben Kennungsnummer wie auf diesem Buchumschlag (oder auf dem Korrekturblatt).
2. Dieses Zeichen  in der Spalte "Parts No. (Teilnummer)" oder "Assembly No. (Gerätesatznummer)" verweist auf die Gesonderte Stückliste auf Seite 15.
3. Dieses Zeichen  in der Spalte "Teilnummer" bedeutet, daß dieser Teil nicht lieferbar ist. Wenn jedoch in der Spalte "Gerätesatznummer" eine Nummer steht, kann dieser Teil als ein Geräteteilsatz bestellt werden. Bestellen Sie daher bitte mit dieser Gerätesatznummer.
4. Dieses Buch basiert auf den Informationen vom Juli, 1981.
5. Modelländerungen sind vorbehalten.

Notes sur l'utilisation de ce manuel de pièces détachées

1. Ce manuel est destiné aux machines à coudre ayant le même numéro de plaque montré sur la couverture de ce manuel (ou sur la feuille de corrections).
2. Si le symbole  se trouve dans la colonne "Parts No. (N° de pièce)" ou dans la colonne "Assembly No. (N° jeu de pces)", veuillez vous référer à la liste de pièces annexe page 15.
3. Le symbole  dans la colonne "N° de pièce" signifie que la pièce ne peut être fournie. Si, dans la colonne "N° jeu de pces", il y a un numéro de nomenclature, la pièce peut être commandée comme faisant partie d'un jeu de pièces. Donc, pour toute commande, veuillez spécifier le N° de jeu de pièces.
4. Ce manuel a été fait d'après les renseignements valables au mois de Juillet 1981.
5. Les pièces peuvent être sujettes à des modifications sans préavis.

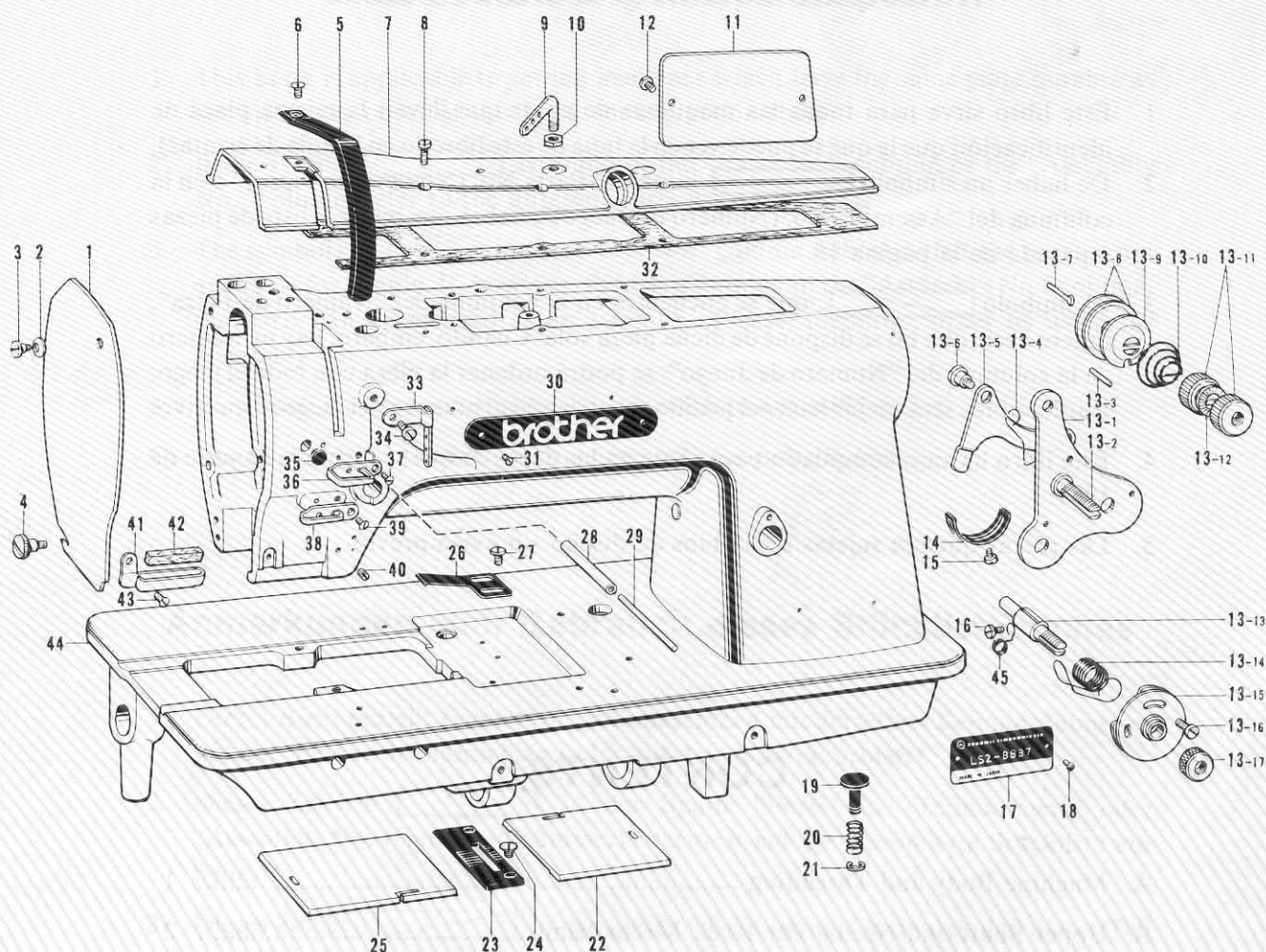
Notas para usar este Libro de Piezas

1. Este libro sirve para todas las máquinas de coser que llevan la misma placa de identificación que la que se puede ver en la tapa de este libro (o en la hoja de erratas).
2. De haber un símbolo  junto al "Parts No. (Número de Pieza)" o en la columna del "Assembly No. (Número de Juego)", habrá que mirar la lista de piezas separada de la página 15.
3. El símbolo , que se encuentra en la columna del "Número de Pieza", quiere decir que no se dispone de dicha pieza sola. Cuando, empero, hay un número en la columna del "Numero de Juego", se podrá ordenar la pieza con todo el juego. Por lo tanto, será mejor hacer el pedido recurriendo al número del juego respectivo.
4. Este libro ha sido compilado basándose en los datos de que se disponía en julio de 1981.
5. Las piezas quedan sujetas a cambios de diseño sin aviso previo.

CONTENTS

A. Machine Body and Threading	1
B. Upper Shaft and Needle Bar Rock Mechanism	2
C. Upper Feed Mechanism	3
D. Presser Foot Mechanism	4
E. Feed Mechanism	5
F. Lower Shaft and Rotary Hook Mechanism	6
G. Lubrication	7
H. Thread Trimmer and Tension Release Mechanism (—300 Specification)	8
J. Reverse Switch Mechanism (—300 Specification)	9
K. Synchronizer Mechanism (—300 Specification)	10
L. —300 Specification	11
Z. Accessories	12
SPECIAL ORDER PARTS	
(Walking and Presser Feet)	13
DIFFERENT PARTS LIST	15
INDEX	18

A. Machine Body and Threading

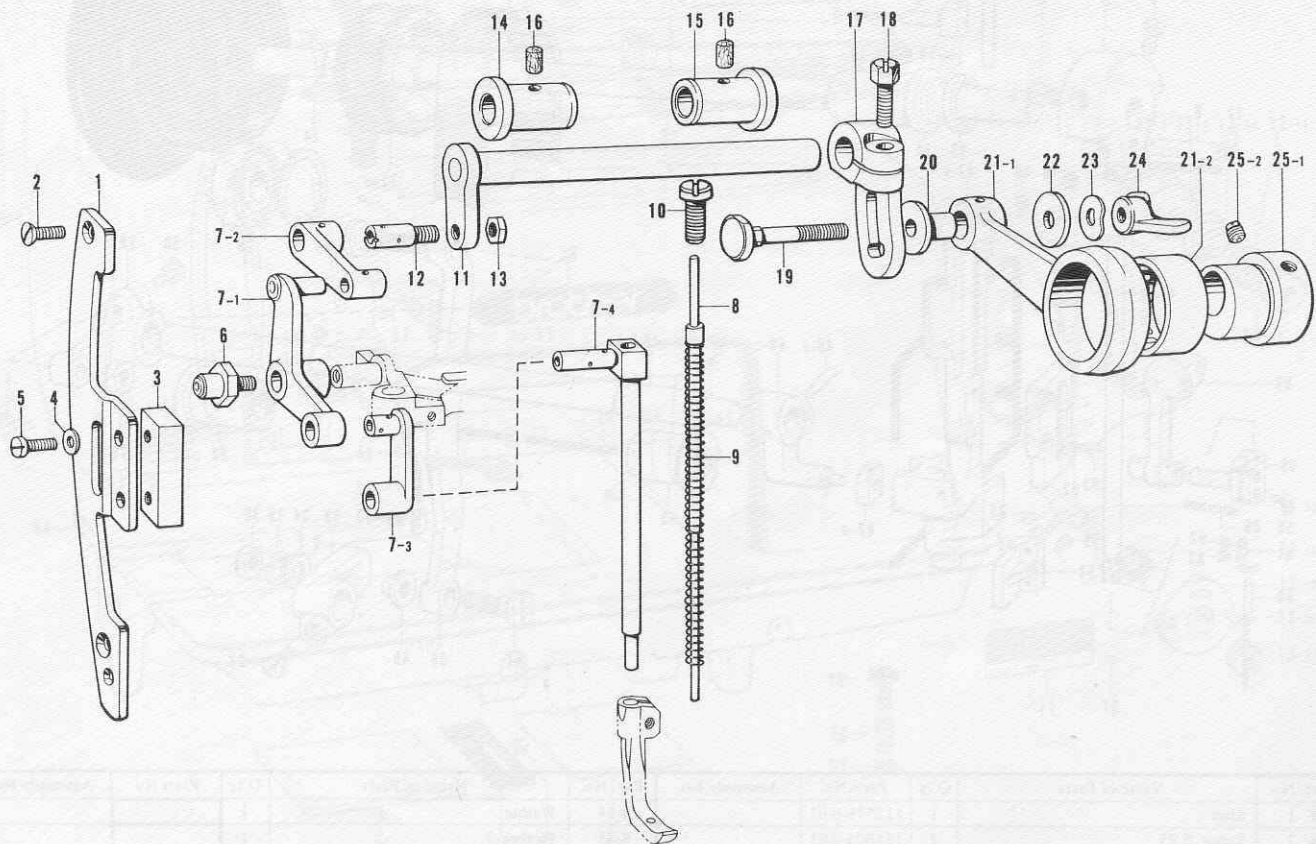


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
A- 1	Face Plate	1	150892-0-02		A-16	Screw 3.57 x 10	1	009671-0-12	
A- 2	Spring Washer	1	146598-0-01		A-17	Model Plate	1		
A- 3	Screw 3.57	1	153112-0-01		A-18	Pin	2		
A- 4	Screw 3.57	1	129984-0-02		A-19	Pressing Botton	1		
A- 5	Thread Take-up Cover	1	150891-0-01		A-20	Spring	1	103607-0-00	
A- 6	Screw 4.76	1	107231-0-02		A-21	Stop Ring E4	1	048040-3-42	
A- 7	Arm Top Cover	1	150890-0-02		A-22	Slide Plate (R)	1	150896-0-01	
A- 8	Screw 4.37 x 12	7	009681-2-14		A-23	Needle Plate	1		
A- 9	Top Cover Thread Guide	1	140527-0-01		A-24	Screw 4.37	2	158384-0-01	
A-10	Nut 5.95	1	150553-0-03		A-25	Slide Plate (L)	1	150895-0-01	
A-11	Rear Cover	1	112566-0-03		A-26	Slide Plate Stopper	1	150897-0-01	
A-12	Screw 3.57 x 6	2	009670-6-12		A-27	Screw 4.37	2	106629-0-02	
A-13- 1	Under Thread Tension Plate	1		A-13 Upper Tension Control Assembly	A-28	Pipe	1	112714-0-00	
A-13- 2	Tension Stud	1			A-29	Thread Tension Releaser	1	112713-0-01	
A-13- 3	Pin	1			A-30	Name Plate	1		
A-13- 4	Arm Thread Guide Upper	1	118320-0-01		A-31	Pin	2		
A-13- 5	Tension Release Lever	1			A-32	Packing	1	150989-0-00	
A-13- 6	Screw 3.57	2	112712-0-01		A-33	Thread Retainer	1		
A-13- 7	Pin	1			A-34	Screw 4.37 x 10	1	009681-0-14	
A-13- 8	Tension Disc	2			A-35	Oil Cap	1	104450-0-01	
A-13- 9	Presser for Tension Disc	1			A-36	Arm Thread Guide (Upper)	1	151013-0-01	
A-13-10	Tension Spring	1	145153-0-01		A-37	Screw 3.57	1	108960-0-04	
A-13-11	Tension Control Nut	2	108265-0-01		A-38	Arm Thread Guide (Center)	1	112658-0-01	
A-13-12	Stop Ring	1	151148-0-01		A-39	Screw 3.57	1	108960-0-04	
A-13-13	Tension Stud	1	108260-0-01		A-40	Screw 4.37	2	151602-0-02	
A-13-14	Thread Take-up Spring	1	151011-0-01		A-41	Arm Thread Guide (Lower)	1	112715-0-01	
A-13-15	Spring Guide	1	108254-0-01		A-42	Felt	1	114941-0-01	
A-13-16	Screw 2.38	1	118319-0-01		A-43	Screw 3.57	1	108960-0-04	
A-13-17	Upper Thread Tension Adjusting Nut	1	151012-0-01		A-44	Arm Bed	1		
A-14	Stopper	1	112709-0-01		A-45	Tube Holder	1	112744-0-01	
A-15	Screw 3.57 x 6	1	009670-6-12						



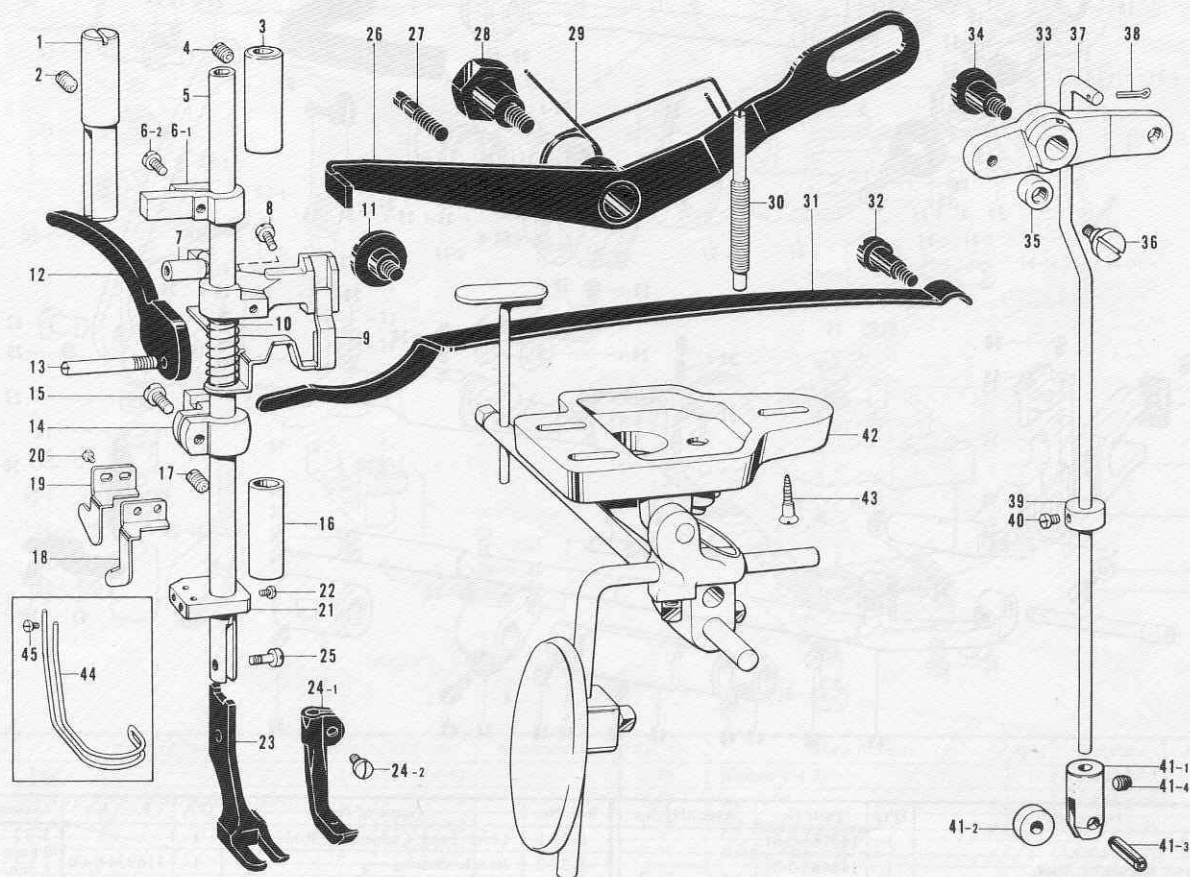
1

C. Upper Feed Mechanism



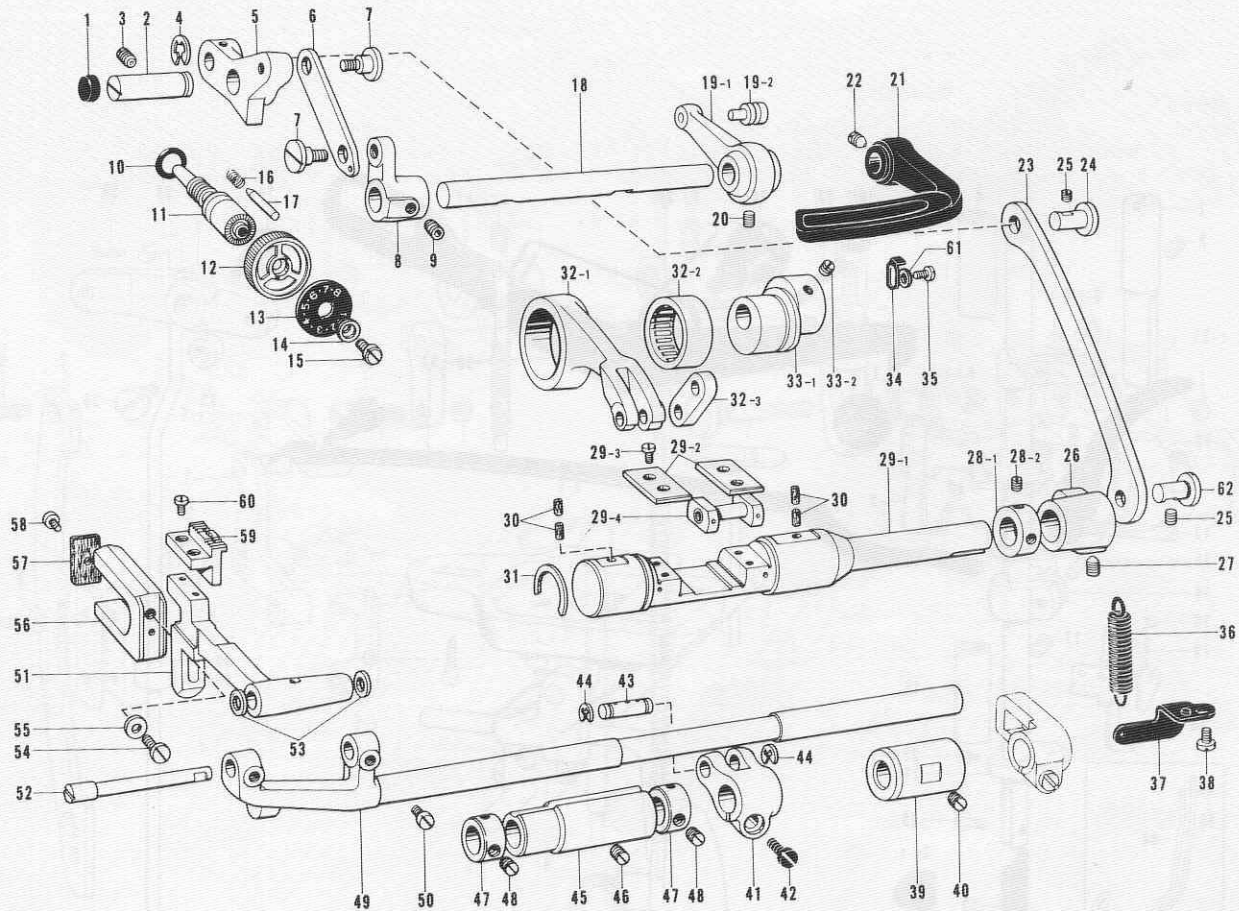
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
C- 1	Roller Stud Guide Plate	1	150954-0-01		C-15	Upper Feed Shaft Bushing (Right)	1	150940-0-00	
C- 2	Screw 4.76	2	107231-0-02		C-16	Felt	2	107155-0-01	
C- 3	Roller Stud Guide	1	150955-0-01		C-17	Upper Feed Eccentric Wheel Crank	1	150935-0-01	
C- 4	Washer 4.37	2	025680-1-33		C-18	Screw 6.35	1	150936-0-01	
C- 5	Screw 4.37 x 12	2	009681-2-14		C-19	Hinge Screw	1	150938-0-01	
C- 6	Bell Crank Roller Stud Assembly	1	150952-0-01		C-20	Collar	1	150937-0-01	
C- 7-1	Bell Crank	1	150946-0-01	C-7 Upper Feed Assembly 150944-0-01	C-21-1	Upper Feed Connecting Rod	1	150934-0-00	C-21 Upper Feed Connecting Rod Assembly 150933-0-00
C- 7-2	Bell Crank Link	1	150945-0-01		C-21-2	Needle Bearing	1	118954-0-00	
C- 7-3	Upper Feed Presser Link	1	150947-0-01		C-22	Thrust Collar	1	151090-0-01	C-25 Upper Feed Eccentric Wheel Assembly 150931-0-01
C- 7-4	Upper Feed Presser Bar	1	150948-0-01		C-23	Washer	1	107017-0-01	
C- 8	Presser Bar Presser	1	150950-0-01		C-24	Nut 6.35	1	151015-0-01	
C- 9	Presser Bar Presser Spring	1	150951-0-01		C-25-1	Upper Feed Eccentric Wheel	1		
C-10	Adjusting Screw	1	150949-0-01		C-25-2	Screw 6.35	2	100251-0-01	
C-11	Upper Feed Shaft	1	150942-0-01						
C-12	Screw	1	150943-0-01						
C-13	Nut 6.35	1	150554-0-01						
C-14	Upper Feed Shaft Bushing (Left)	1	150941-0-00						

D. Presser Foot Mechanism



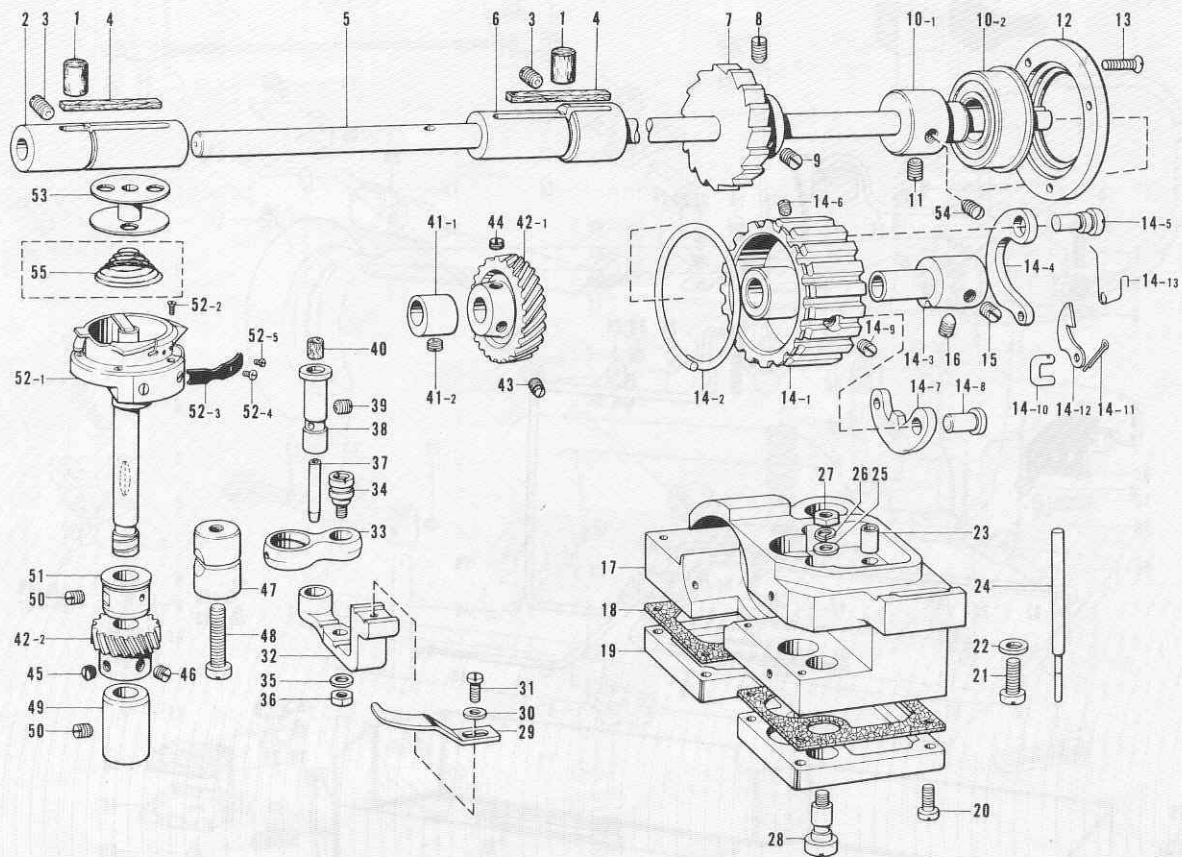
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
D- 1	Presser Bar Guide Shaft	1	150922-0-01		D-24-1	Presser Foot	1		D-24 Presser Foot Assembly
D- 2	Screw 5.95	1	100260-0-01		D-24-2	Screw 4.37 x 6	1	009680-6-12	
D- 3	Presser Bar Bushing (Upper)	1	112615-0-01		D-25	Screw 3.57	1	113050-0-01	
D- 4	Screw 5.95	1	100260-0-01		D-26	Knee Lifter Lever	1	150923-1-01	
D- 5	Presser Bar	1	112614-0-01		D-27	Stopper Screw	1	112630-0-01	
D- 6-1	Presser Bar Guide	1		D-6 Presser Bar Bracket Assembly 180950-0-01	D-28	Screw 6.35	1	151073-0-01	
D- 6-2	Screw 4.37 x 7	1	009680-7-12		D-29	Knee Lifter Lever Spring	1	150924-0-01	
D- 7	Presser Bar Lifter	1	150918-0-01		D-30	Presser Adjusting Screw	1	112624-0-01	
D- 8	Screw 4.76 x 20	1	009712-0-12		D-31	Presser Plate Spring	1	118170-1-01	
D- 9	Tension Release Plate	1	150920-0-01		D-32	Screw 6.35	1	112623-0-01	
D-10	Tension Release Spring	1	150919-0-01		D-33	Knee Lifter Connecting Lever	1		
D-11	Screw	1			D-34	Screw 6.35	1	149991-0-01	
D-12	Presser Foot Lifter	1	150921-0-01		D-35	Roller	1	141868-0-01	
D-13	Screw	1	112619-0-01		D-36	Screw	1	145094-0-01	
D-14	Presser Bar Bracket	1	112616-0-01		D-37	Knee Lifter Connecting Rod	1	155447-0-01	
D-15	Screw 3.57 x 8	1	009670-8-12		D-38	Pin	1	114909-0-00	
D-16	Presser Bar Bushing (Lower)	1	112763-0-01		D-39	Set Collar	1	149864-0-01	
D-17	Screw 5.95	1	151604-0-01		D-40	Screw 3.57	1	144458-0-01	
D-18	Thread Cutter	1			D-41-1	Roller Bracket	1		D-41 Roller Bracket Assembly 156824-0-01
D-19	Thread Cutter Guide Plate	1			D-41-2	Roller	1	112636-0-01	
D-20	Screw 3.18 x 5	2			D-41-3	Pin AWS	1	047501-2-42	
D-21	Finger Guard Supporter	1	151191-0-01		D-41-4	Screw 4.37	1	151601-0-02	
D-22	Screw 3.57	1	144458-0-01		D-42	Knee Lifter Assembly	1		
D-23	Walking Foot	1			D-43	Screw 6.2 x 32	3	106030-0-01	
					D-44	Finger Guard	1		
					D-45	Screw	2		

E. Feed Mechanism



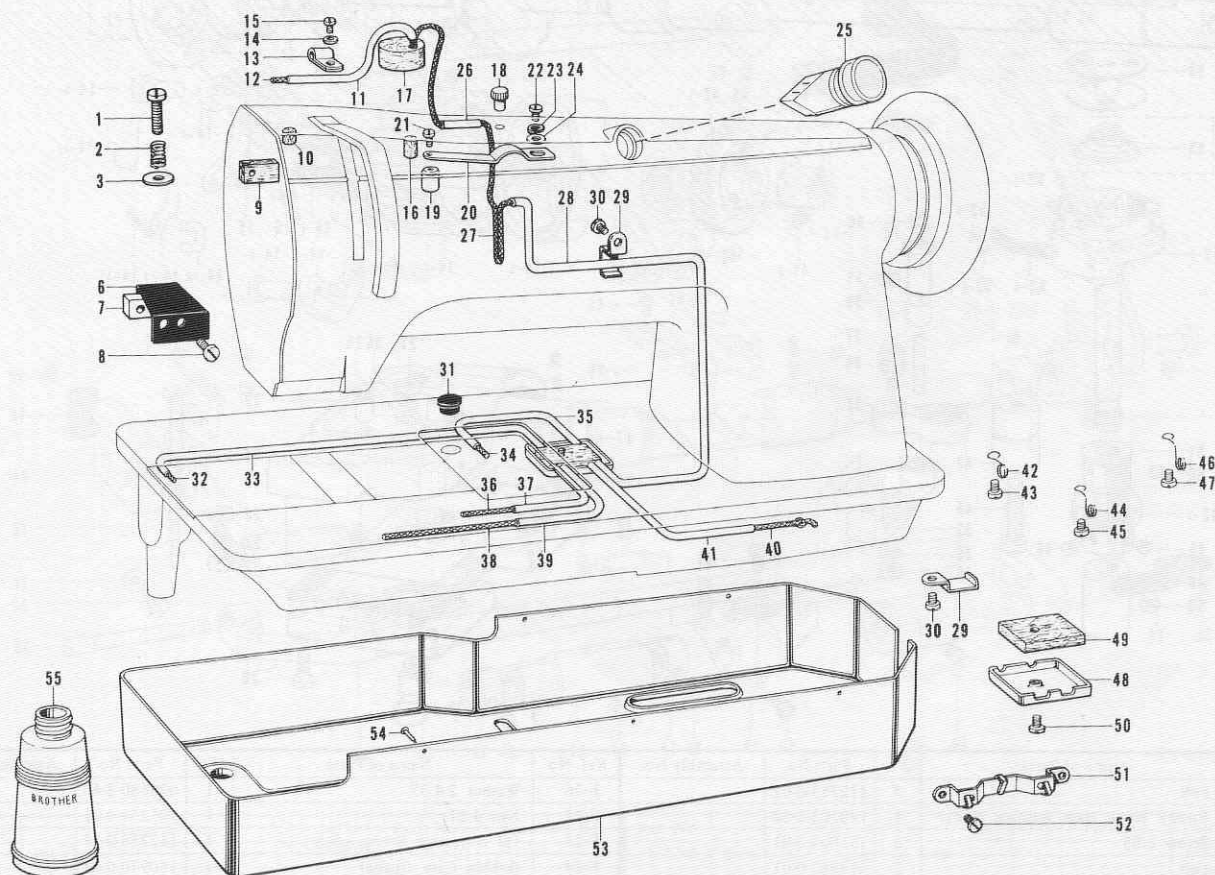
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
E- 1	Oil Cap	1	143766-0-01		E-32-1	Lever Feed Connecting Rod	1		E-32
E- 2	Feed Regulator Stud	1	148488-0-01		E-32-2	Needle Bearing	1	118954-0-00	Lever Feed
E- 3	Screw 5.95	1	151605-0-01		E-32-3	Level Feed Connecting Link	1	143613-0-01	Connecting
E- 4	Stop Ring E7	1	048070-3-42		E-33-1	Eccentric Wheel	1		Assembly
E- 5	Feed Regulator Stud	1			E-33-2	Screw 5.95	2	151605-0-01	E-33
E- 6	Connecting Plate	1	118746-0-01		E-34	Reverse Lever Stopper	1		Eccentric Wheel
E- 7	Screw 4.37	2	112072-0-01		E-35	Screw 4.37	1		with Screw
E- 8	Feed Regulator Bracket	1	118747-0-01		E-36	Spring	1	143609-0-01	150928-0-01
E- 9	Screw 5.95	1	118853-0-01		E-37	Spring Hook Plate	1	143610-0-01	
E-10	Packing	1	108549-0-01		E-38	Screw 4.76 x 8	1	009710-8-12	
E-11	Length Control Screw	1	109151-1-01		E-39	Feed Rock Shaft Bushing (Right)	1	148493-0-01	
E-12	Length Control Dial	1	153168-0-01		E-40	Screw 5.95	1		
E-13	Length Control Plate	1	153231-0-01		E-41	Lever Feed Arm	1	150930-0-01	
E-14	Length Control Supporter	1	142746-0-02		E-42	Screw 6.35 x 18	1	009781-8-12	
E-15	Screw 4.76	1	142747-0-02		E-43	Stud	1	143616-0-01	
E-16	Notch Spring	1	100328-0-01		E-44	Stop Ring E6	2	048060-3-42	
E-17	Pin	1	145502-0-01		E-45	Feed Rock Shaft Bushing (Left)	1	148494-0-01	
E-18	Feed Legulator Lever Shaft	1			E-46	Screw 5.95	1	013761-4-10	
E-19-1	Link (B)	1		E-19	E-47	Feed Rock Shaft Collar	2	113074-0-01	
E-19-2	Spring Hook	1	108546-0-01	Link Assembly	E-48	Screw 6.35	4	101706-0-01	
E-20	Screw 5.95 x 6	1	014760-6-22	143608-0-01	E-49	Feed Rock Shaft	1	148976-0-01	
E-21	Reverse Lever	1			E-50	Screw 4.37	2	104908-0-04	
E-22	Screw 6.35 x 10	1			E-51	Feed Bar	1	150957-0-01	
E-23	Feed Regulator Connecting Link	1			E-52	Feed Bar Shaft	1	148977-0-01	
E-24	Pin		118713-0-01		E-53	Thrust Ring	2	143591-0-01	
E-25	Screw 4.37	2	151602-0-01		E-54	Screw 5.95 x 14	1	009761-4-12	
E-26	Feed Regulator Shaft Arm	1			E-55	Washer 6	1	025060-1-32	
E-27	Screw 5.95	1	118853-0-01		E-56	Feed Bar Fork	1	150958-0-01	
E-28-1	Collar	1		E-28	E-57	Felt	1	112759-0-01	
E-28-2	Screw 6.35	2	101706-0-01	Collar Assembly	E-58	Screw 3.57	1	100242-0-03	
E-29-1	Feed Regulator Shaft	1		180321-0-01	E-59	Feed Dog	1		
E-29-2	Guide Plate	2	143594-0-01		E-60	Screw 3.18	2	116283-0-01	
E-29-3	Screw 4.37 x 10	4	009681-0-12	E-29	E-61	Washer	1		
E-29-4	Slide Block	1	145328-0-01	Feed Regulator	E-62	Feed Regulator Connecting Link	1		
E-30	Felt	4	148743-0-01	Shaft					
E-31	Stop Ring	1	143597-0-01	Assembly					

F. Lower Shaft and Rotary Hook Mechanism



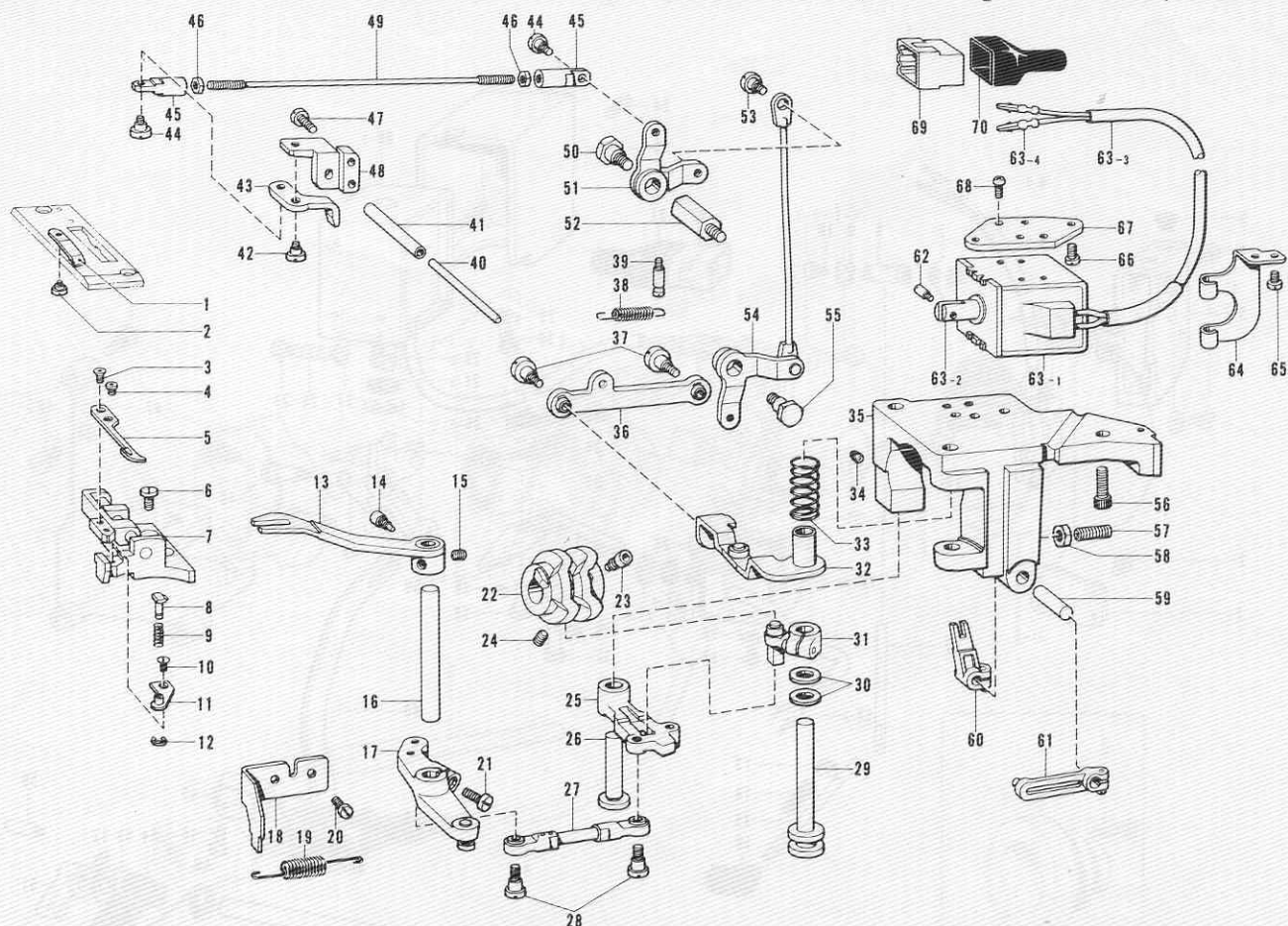
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
F- 1	Felt	2	112753-0-01		F-26	Washer 2-4.37	1	028680-2-43	
F- 2	Rotary Hook Base Bushing (Left)	1	148503-0-00		F-27	Nut 4.37	1	105234-0-01	
F- 3	Screw 5.95	2	151604-0-01		F-28	Oil Adjusting Screw	1	112756-0-01	
F- 4	Felt	2	113362-0-01		F-29	Bobbin Case Opener	1	150970-0-01	
F- 5	Lower Shaft	1			F-30	Washer	1	105161-0-02	
F- 6	Rotary Hook Base Bushing (Right)	1	148502-0-00		F-31	Screw 3.57 x 8	1	009670-8-12	
F- 7	Rock Ratchet	1			F-32	Opener Crank	1	150968-0-01	
F- 8	Screw 6.35	1			F-33	Opener Link	1	150967-0-01	
F- 9	Screw 6.35	1			F-34	Stud	1	148005-0-01	
F-10- 1	Bearing Bushing	1	150976-0-01	F-10 Lower Shaft Bearing Assembly 150975-0-01	F-35	Washer 4.76	1	025710-2-32	
F-10- 2	Ball Bearing	1			F-36	Nut 4.76	1	110161-0-06	
F-11	Screw 6.35 x 12	1	013771-2-12		F-37	Pipe	1	112696-0-00	
F-12	Presser	1	112668-0-01		F-38	Opener Crank Stud	1	150969-0-01	
F-13	Screw 3.57 x 12	3	005671-2-12		F-39	Screw 4.76	1	153483-0-01	
F-14- 1	Timing Belt Wheel (Lower)	1		F-14 Timing Belt Wheel Lower Assembly	F-40	Felt	1	107155-0-01	
F-14- 2	Side Ring	1			F-41-1	Vertical Feed Eccentric Wheel	1		F-41 Vertical Feed Eccentric Assembly
F-14- 3	Collar	1			F-41-2	Screw 6.35	1	112684-0-01	
F-14- 4	Lever Spring	1	150982-0-01		F-42-1	Spiral Gear	1		F-42 Spiral Gear Assembly 180949-0-01
F-14- 5	Stud	1	150983-0-01		F-42-2	Pinion Gear	1	112689-0-01	
F-14- 6	Stopper Screw 4.37	1	013680-5-16		F-43	Screw 6.35	2	100251-0-01	
F-14- 7	Rock Lever	1	150980-0-01		F-44	Screw 6.35	1	112684-0-01	
F-14- 8	Lever Stud	1	150981-0-01		F-45	Screw 6.35	1	112684-0-01	
F-14- 9	Screw 4.37	1	151603-0-01		F-46	Screw 6.35	2	101706-0-01	
F-14-10	Link	1	150984-0-01		F-47	Pinch Sleeve	1	112699-0-01	
F-14-11	Pin	1	114909-0-00		F-48	Screw 5.95	1	112700-0-01	
F-14-12	Ratchet	1	150985-0-01		F-49	Rotary Hook Shaft Bushing (Lower)	1	150965-0-01	
F-14-13	Ratchet Spring	1	150986-0-01		F-50	Screw 4.76	2	107794-0-01	
F-15	Screw 6.35 x 12		013771-2-12		F-51	Rotary Hook Shaft Bushing (Upper)	1	150964-1-01	
F-16	Screw 6.35	1	148821-0-01		F-52-1	Outer Rotary Hook Assembly	1		F-52 Rotary Hook Assembly
F-17	Rotary Hook Base (Right)	1			F-52-2	Screw	3	151027-0-01	
F-18	Packing	1	112755-0-01		F-52-3	Adjusting Spring	1	151495-0-01	
F-19	Rotary Hook Base Oil Reservoir	1			F-52-4	Tension Adjusting Screw	1	151029-0-01	
F-20	Screw 4.76	8	100320-0-02		F-52-5	Screw	1	151030-0-01	
F-21	Screw 6.35	1	105351-0-02		F-53	Bobbin	1		
F-22	Washer	1	100197-0-02		F-54	Screw 6.35	1		
F-23	Oil Pipe	1			F-55	Bobbin Tension Spring	1		
F-24	Oil Gauge	1							
F-25	Washer	1	100645-0-03						

G. Lubrication



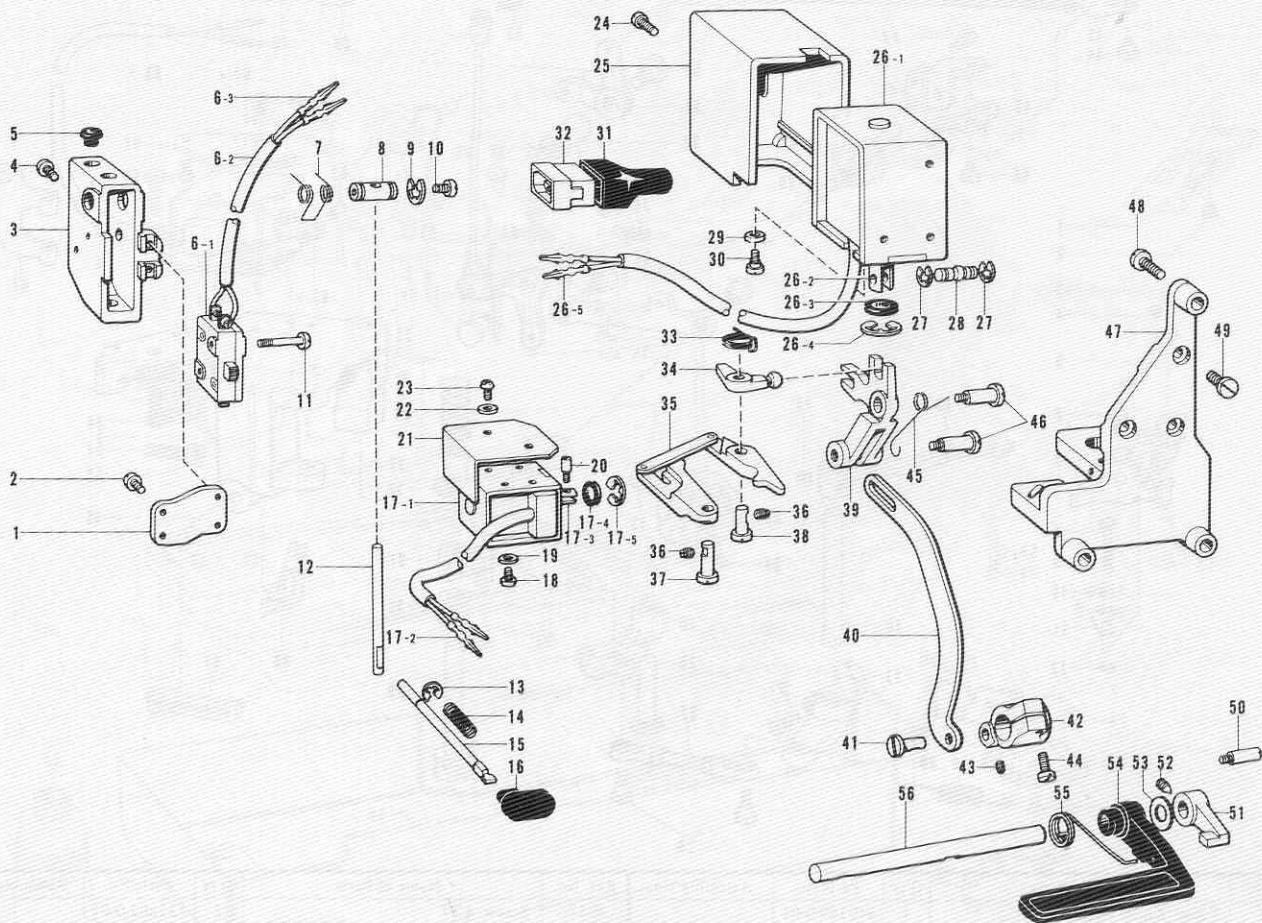
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
G- 1	Screw 4.76 x 20	1	009712-0-12		G-29	Felt Presser	2		
G- 2	Spring	1	155485-0-01		G-30	Screw 3.57 x 5	2		
G- 3	Washer	1	116662-0-03		G-31	Oil Cap	1	112758-0-01	
G- 6	Oil Stopper Plate	1	150988-0-01		G-32	Wick	1		
G- 7	Oil Stopper Plate Presser	1	112717-0-01		G-33	Oil Tube	1		
G- 8	Screw 4.76 x 12	1	009711-2-12		G-34	Wick	1	151001-0-00	
G- 9	Felt	1	148762-0-01		G-35	Oil Tube	1	148733-0-01	
G-10	Felt	1	107155-0-01		G-36	Wick	1	151002-0-00	
G-11	Oil Tube	1	143671-0-00		G-37	Oil Tube	1	143671-0-00	
G-12	Wick	1	151097-0-00		G-38	Wick	1	151005-0-00	
G-13	Oil Tube Holder	1	151089-0-00		G-39	Oil Tube	1		
G-14	Washer 3.5	1	025350-3-32		G-40	Wick	1	151003-0-00	
G-15	Screw 3.57 x 8	1	009670-8-12		G-41	Oil Tube	1		
G-16	Felt	1	112754-0-01		G-42	Tube Holder		112743-0-01	
G-17	Felt (A)	1	141742-0-01		G-43	Screw 3.57 x 5		009670-5-12	
G-18	Cap for Oil Inlet	1	113526-0-01		G-44	Tube Stopper	3		
G-19	Oil Pendulum	1	150994-0-00		G-45	Screw 3.57 x 5	3		
G-20	Spring	1	150993-0-01		G-46	Wick Holder		112745-0-01	
G-21	Screw 3.57 x 6	1	009670-6-12		G-47	Screw 3.57 x 5		009670-5-12	
G-22	Screw 4.37 x 6	1	009680-6-12		G-48	Bed Oil Tube Holder	1		
G-23	Washer 2-4.37	1	028680-2-43		G-49	Felt	1		
G-24	Washer 4.37	1	025680-2-32		G-50	Screw 4.76 x 10	1		
G-25	Oil Gauge Window	1	150990-0-01		G-51	Wick Support	1	143673-0-01	
G-26	Oil Tube	1	150997-0-00		G-52	Screw 3.18 x 4	2	009660-4-12	
G-27	Wick 4 x 4 (720 mm)	1	148731-0-00		G-53	Oil Pan	1	151007-1-01	
G-28	Oil Tube	1	150998-0-00		G-54	Nail	5	109714-0-00	
					G-55	Oiler	1	114486-0-01	

H. Thread Trimmer and Tension Release Mechanism (—300 specification)



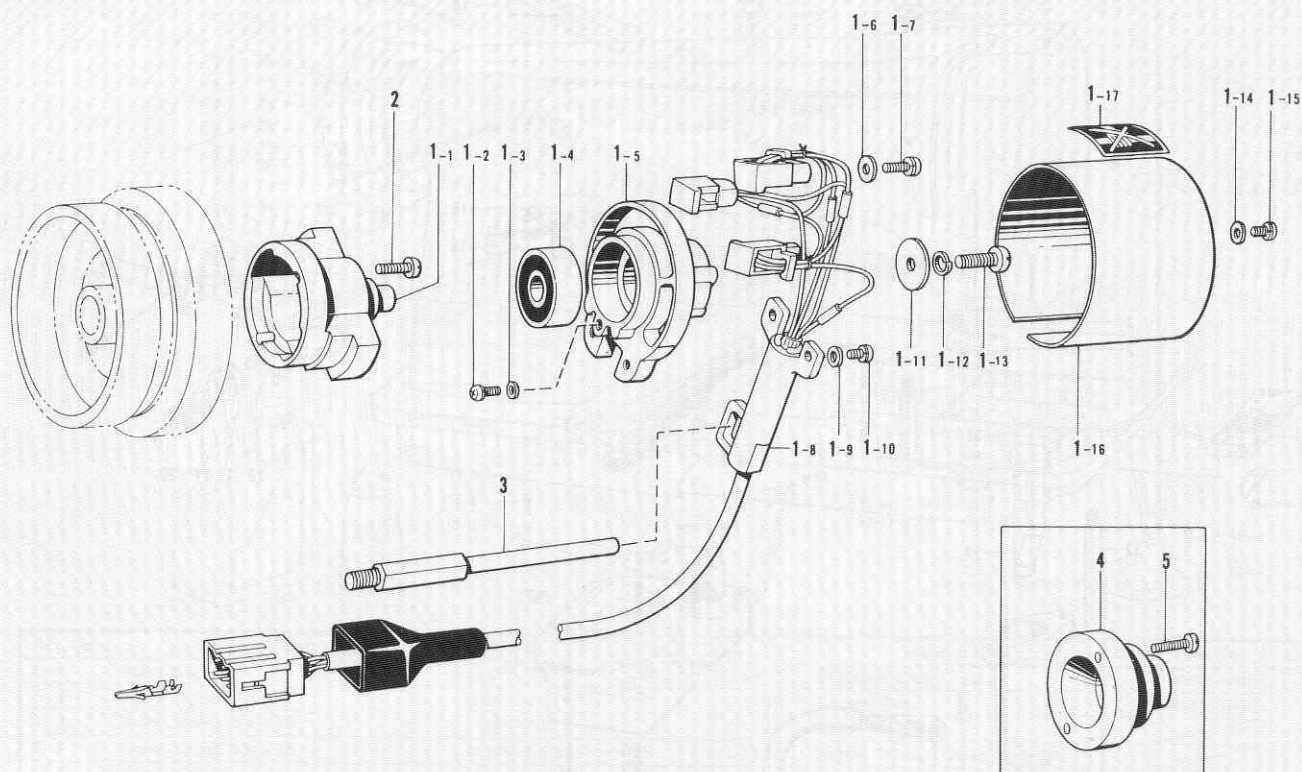
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
H- 1	Fixed Knife (Right)	1	149169-0-01		H-37	Screw 4.37	2	123882-0-01	
H- 2	Screw 2.38	1	148539-0-01		H-38	Spring	1	148654-0-01	
H- 3	Screw 4.37	1	148537-0-01		H-39	Spring Hook	1	115177-0-01	
H- 4	Screw 4.37	1	148536-0-01		H-40	Tension Release Shaft	1	156413-0-01	
H- 5	Moveable Knife	1	148535-0-01		H-41	Pipe	1	112714-0-00	
H- 6	Screw 4.76 x 8	2	009710-8-12		H-42	Screw 3.57	1	148633-0-01	
H- 7	Movable Knife Base Assembly	1	156398-0-01		H-43	Tension Release Plate	1	156411-0-01	
H- 8	Thread Presser	1	156404-0-01		H-44	Screw	2	148768-0-01	
H- 9	Thread Presser Spring	1	156405-0-01		H-45	Joint	2	148632-0-01	
H-10	Screw 3.18	1	141542-0-01		H-46	Nut 3.57	2	021670-1-02	
H-11	Thread Presser Plate	1	156403-0-01		H-47	Screw 4.37 x 14	2	009681-4-12	
H-12	Stop Ring E1.5	1	048015-3-46		H-48	Tension Release Base	1	156410-0-01	
H-13	Knife Rock Arm	1	156402-0-01		H-49	Tension Release Rod (Upper)	1	156412-0-01	
H-14	Screw 6.35	1	148574-0-01		H-50	Screw 6.35	1	148628-0-01	
H-15	Screw 6.35 x 6	1	014770-6-22		H-51	Tension Release Crank	1	156409-0-01	
H-16	Knife Rock Arm Shaft	1	148573-0-01		H-52	Stud	1	148629-0-01	
H-17	Knife Rock Lever Right Assembly	1	148575-0-01		H-53	Screw 4.76	1	110171-0-01	
H-18	Spring Rock (Right)	1	156408-0-01		H-54	Tension Release Crank (Lower)	1	148625-0-01	
H-19	Spring	1	148571-0-01		H-55	Screw 6.35	1	148628-0-01	
H-20	Screw 4.76 x 10	2	009711-0-12		H-56	Bolt 6 x 16	3	018061-6-22	
H-21	Screw 4.76 x 14	1	009711-4-12		H-57	Screw 7.14 x 20	1	011802-0-12	
H-22	Knife Driving Cam	1	156478-0-01		H-58	Nut 7.14	1	100078-0-03	
H-23	Screw 6.35	1	148574-0-01		H-59	Shaft 6.35 x 27	1	148557-0-01	
H-24	Screw 6.35 x 6	1	014770-6-22		H-60	Plunger Lever	1	181713-0-01	
H-25	Knife Sub Lever	1	148553-0-01		H-61	Pin Lever	1	181712-0-01	
H-26	Knife Sub Lever Shaft	1	148554-0-01		H-62	Pin	1	148546-0-01	
H-27	Joint Assembly	1	156406-0-01		H-63-1	Thread Trimmer Solenoid	1		H-63 Thread Trimmer Solenoid Assembly
H-28	Screw	2	141494-0-01		H-63-2	Plunger	1	148545-0-01	
H-29	Knife Main Lever Shaft	1	148547-0-01		H-63-3	Solenoid Cord	1		
H-30	Rubber	2	148559-0-00		H-63-4	Terminal Pin	2		
H-31	Knife Main Lever	1	148548-0-01		H-64	Cord Supporter	1	148655-0-01	
H-32	Tension Release Rock Lever Assembly	1	148619-0-01		H-65	Screw 4.76 x 8	2	009710-8-12	
H-33	Spring	1	148555-0-01		H-66	Screw 4.76 x 10	2	009711-0-12	
H-34	Screw 5.95	1	100289-0-03		H-67	Solenoid Bracket	1	148561-1-01	
H-35	Movable Knife Base Bracket	1	148482-1-01		H-68	Screw 4 x 8	4	002400-8-03	
H-36	Tension Release Connecting Rod (Lower) Assembly	1	148623-0-01		H-69	Nylon Connector	1		
					H-70	Connector Cap	1		

J. Reverse Switch Mechanism (—300 Specification)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
J- 1	Micro Switch Base	1	156415-0-01		J-26-3	Rubber Stopper	1	148673-1-00	J-26 Reverse Solenoid Assembly
J- 2	Screw 4.37 x 8	2	009680-8-12		J-26-4	Stop Ring E12	1	146103-0-01	
J- 3	Reverse Switch Case	1	146120-0-02		J-26-5	Terminal Pin	2		
J- 4	Screw 3.57 x 8	2	009670-8-12		J-27	Stop Ring E4	2	048040-3-42	
J- 5	Bushing	1	146080-0-00		J-28	Pin	1	149174-0-01	
J- 6-1	Micro Switch	1		J-6 Reverse Switch Assembly	J-29	Stopper Rubber	1	156368-0-00	
J- 6-2	Reverse Switch Cord	1			J-30	Screw 4.37	1	156367-0-01	
J- 6-3	Terminal Pin	2			J-31	Connector Cap	1		
J- 7	Spring	1	156419-0-01		J-32	6P Connector	1		
J- 8	Actuator Pin	1	146125-0-01		J-33	Spring	1	148653-0-01	
J- 9	Stop Ring E8	2	048080-3-42		J-34	Stopper Lever	1	148765-0-01	
J-10	Screw 4.37 x 14	1	009681-4-14		J-35	"O" Reset Stopper Assembly	1	148763-1-01	
J-11	Screw 2.38	2	146124-0-01		J-36	Screw 4.37	2	151602-0-02	
J-12	Actuator Bar	1	156418-0-01		J-37	Stopper Shaft (A)	1	148767-0-01	
J-13	Stop Ring E4	1	048040-3-42		J-38	Pin	1	118713-0-01	
J-14	Spring	1	156417-0-01		J-39	Reverse Crank	1	156369-0-01	
J-15	Actuator Bar	1	156416-0-01		J-40	Reverse Link	1	156371-0-01	
J-16	Actuator	1	146128-0-00		J-41	Pin	1	148501-1-01	
J-17-1	"O" Reset Solenoid	1		J-17 "O" Reset Solenoid Assembly	J-42	Reverse Arm	1	156372-0-01	
J-17-2	Terminal Pin	2			J-43	Screw 4.37	1	151602-0-01	
J-17-3	Plunger	1	148650-0-01		J-44	Screw 6.35 x 18	1	009781-8-12	
J-17-4	Plunger Rubber	1	148766-0-01		J-45	Spring	1	156370-0-01	
J-17-5	Stop Ring E6	1	048060-3-42		J-46	Screw 4.76	2	148764-0-01	
J-18	Screw 3 x 6	4	002300-6-03		J-47	Reverse Solenoid Bracket	1	148643-1-01	
J-19	Washer 3	4	025030-2-33		J-48	Screw 6.35 x 14	3	009782-5-12	
J-20	Plunger Pin	1	148651-0-01		J-49	Screw 5 x 8	3	007500-8-02	
J-21	Solenoid Cover	1	148744-1-01		J-50	Screw	1	141748-0-01	
J-22	Washer 3	2	025030-2-32		J-51	Reverse Lever (B)	1	148607-0-02	
J-23	Screw 3 x 5	2	002300-5-05		J-52	Screw 6.35 x 10	1	015771-0-12	
J-24	Screw 5 x 6	1	007500-6-02		J-53	Thrust Ring	1	149554-0-01	
J-25	Solenoid Cover	1	148560-0-01		J-54	Reverse Lever	1	156362-0-01	
J-26-1	Reverse Solenoid	1		J-26 Reverse Solenoid Assembly	J-55	Spring	1	148608-0-01	
J-26-2	Plunger	1	156366-0-01		J-56	Reverse Lever Shaft	1	156363-0-01	

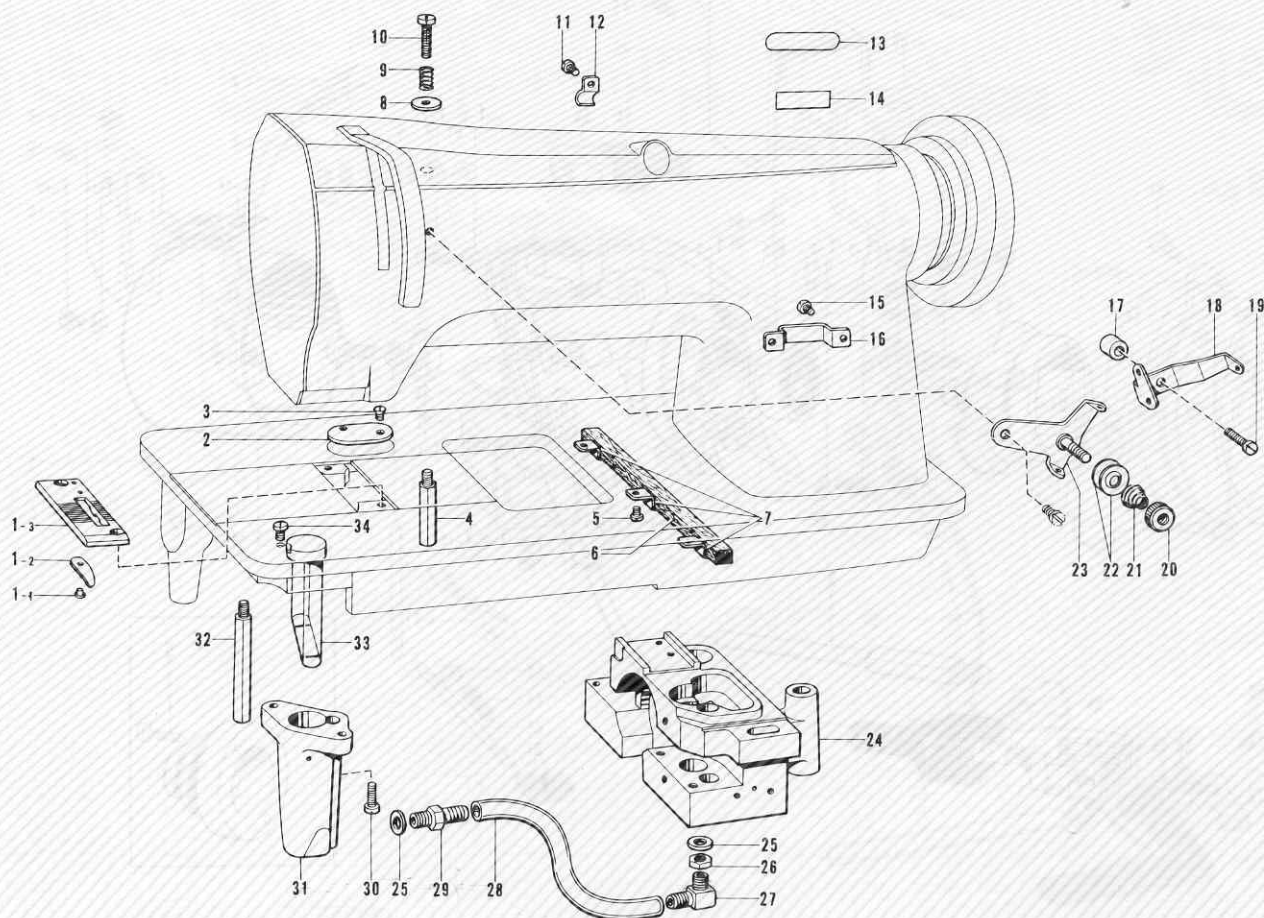
K. Synchronizer Mechanism (—300 Specification)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
K- 1- 1	Synchronizer Shaft	1		K-1 Synchronizer Assembly 220067-0-01	K- 1-12	Washer 2-6	1	028060-2-43	K-1 Synchronizer Assembly 220067-0-01
K- 1- 2	Screw 3 x 6D	1	215083-0-01		K- 1-13	Screw 6 x 16	1	216880-0-01	
K- 1- 3	Washer 3	1	025030-3-35		K- 1-14	Washer 4	2	025040-1-35	
K- 1- 4	Bearing 6201 VV	1			K- 1-15	Screw 4 x 10D	2	215080-0-01	
K- 1- 5	Synchronizer Holder #3-1	1			K- 1-16	Synchronizer Cover #3	1		
K- 1- 6	Washer 4	3	025040-3-35		K- 1-17	Label #2	1		
K- 1- 7	Screw 4 x 12D	3	217093-0-01		K- 2	Screw 4.76 x 14	2	009711-4-12	
K- 1- 8	Hole I.C. with Cord	1			K- 3	Synchronizer Holder Stud	1	156414-0-01	
K- 1- 9	Washer 4	2	025040-1-35		K- 4	Slip Ring Support	1		
K- 1-10	Screw 4 x 10D	2	215080-0-01		K- 5	Screw 4.76 x 14	2		
K- 1-11	Washer 6	1	025060-3-35						

* BROTHER Motor MD-933, -943 Taip

L. —300 Specification



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
L- 1-1	Pin	1	148709-0-01	L-1 Needle Plate Assembly 156374-0-01	L-17	Mounting Bracket Collar 21	1	153215-0-01	
L- 1-2	Spring	1	148708-1-01		L-18	Thread Guide F1	1	155493-0-01	
L- 1-3	Needle Plate	1			L-19	Screw 3.57 x 14	1	009671-4-14	
L- 2	Cover	1	148614-0-01		L-20	Tension Control Nut	1	155510-0-01	
L- 3	Screw 3.18	2	149288-0-01		L-21	Spring (B)	1	154562-0-01	
L- 4	Bed Leg (S)	1	156353-0-01		L-22	Thread Guide Disc	2	144504-0-01	
L- 5	Screw 3.57 x 5	3	009670-5-12		L-23	Thread Guide Assembly	1	156395-0-01	
L- 6	Felt	1	156386-0-00		L-24	Rotary Hook Base (Right)	1	156377-0-01	
L- 7	Felt Presser	3	155487-0-01		L-25	Packing	2	156391-0-00	
L- 8	Washer	1	116662-0-03		L-26	Nut 7.94	1	106147-0-02	
L- 9	Spring	1	155485-0-01		L-27	Oil Joint (1)	1	156389-0-01	
L-10	Screw 4.76 x 20	1	009712-0-12		L-28	Oil Tube	1	156392-0-00	
L-11	Screw 3.57 x 6	4	009670-6-12		L-29	Oil Joint (2)	1	156390-0-01	
L-12	Supporter	4	140647-0-01		L-30	Screw 4.76 x 16	2	009711-6-12	
L-13	Parts Book Number Plate	1			L-31	Oil Gauge	1	156387-0-01	
L-14	Name Plate	1			L-32	Bed Leg	1	156352-0-01	
L-15	Screw 3.57 x 6	2	009670-6-12		L-33	Oil Gauge Window	1	156388-0-00	
L-16	Cord Holder LL	1	148818-0-01		L-34	Screw 3.57	1	112751-0-02	



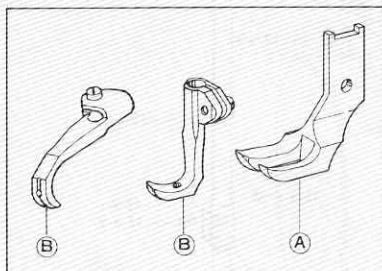
* Les détails des accessoires inclus sont sujets à des changements.

* Los detalles de los accesorios incluidos pueden variar.

SPECIAL ORDER PARTS

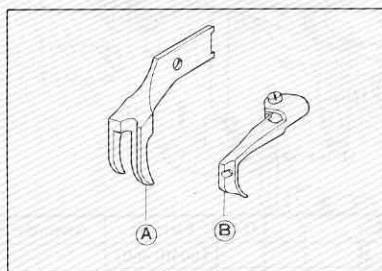
(Walking and Presser Feet)

1) Standard feet



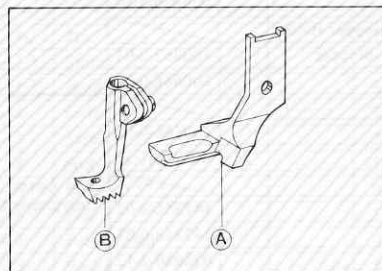
	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
Without Groove	150962-0-01	183007-0-01
With Groove		183181-0-01

2) Welting feet



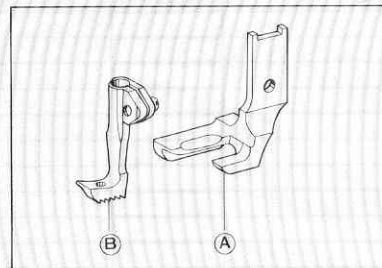
Size	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
1/8" (3.2mm)	151520-0-01	183008-0-01
5/32" (4.0mm)	151522-0-01	
3/16" (4.8mm)	151524-0-01	
1/4" (6.4mm)	151526-0-01	
5/16" (7.9mm)	151528-0-01	
3/8" (9.5mm)	151530-0-01	
1/2" (12.7mm)	151532-0-01	183014-0-01
5/8" (15.9mm)	151534-0-01	183015-0-01

3) Welting feet with teeth on presser foot



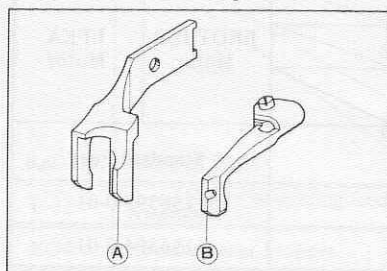
Size	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
3/16" (4.8mm)	151536-0-01	183016-0-01
1/4" (6.4mm)	151538-0-01	183017-0-01
5/16" (7.9mm)	151540-0-01	183018-0-01

4) Welting feet with teeth on presser foot



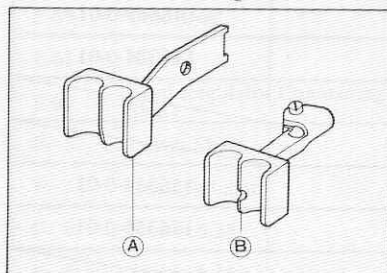
Size	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
3/16" (4.8mm)	151540-0-01	183019-0-01
1/4" (6.4mm)	151544-0-01	183020-0-01
5/16" (7.9mm)	151546-0-01	183021-0-01

5) Curved welting feet



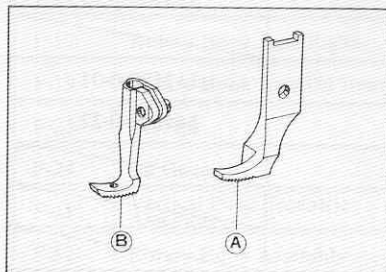
Size	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
3/16" (4.8mm)	151548-0-01	183022-0-01
1/4" (6.4mm)	151550-0-01	183023-0-01
5/16" (7.9mm)	151552-0-01	183024-0-01
3/8" (9.5mm)	151554-0-01	183025-0-01
1/2" (12.7mm)	151556-0-01	183026-0-01

6) Double welting feet



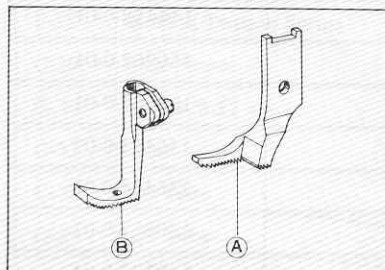
Size	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
3/16" (4.8mm)	151558-0-01	183027-0-01
1/4" (6.4mm)	151560-0-01	183028-0-01
3/8" (9.5mm)	151562-0-01	183029-0-01

7) Feet with teeth, right



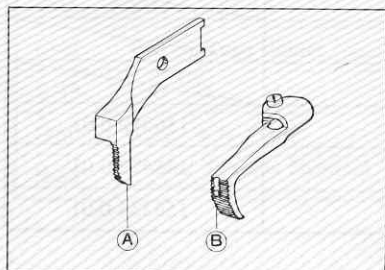
	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
	151564-0-01	183030-0-01

8) Feet with teeth, left



	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
	151566-0-01	183031-0-01

9) Narrow type feet for leather



	Parts No.	
	(A) Walking Foot	(B) Presser Foot Assembly
	151568-0-01	183032-0-01

DIFFERENT PARTS LIST

Ref. No.	Name of Parts	Sub-class Spec. Gage	Standard				Thread Trimmer		
			With Finger Guard					BROTHER Motor	EFKA Motor
			With Cotton Stand						
			With Belt Cover			With Belt Cover			
			Welting Feet 3/16"	Welting Feet 1/4"	Standard Feet		Standard Feet		
A-13	Upper Tension Control Assembly		151009-0-01					156393-0-01	
A-13-5	Tension Release Lever		112711-0-01					156394-0-01	
A-13-7	Pin		112710-0-01					148670-0-01	
A-13-8	Tension Disc		108263-0-01					145446-0-01	
A-13-9	Presser for Tension Disc		100134-0-01					148669-0-01	
A-19	Pressing Button		112677-0-01					156384-0-01	
A-23	Needle Plate		150959-0-01						
A-33	Thread Retainer		151008-0-01						
B-25	Pulley		150900-1-01					156354-0-01	
B-33	Needle Bar Rock Crank		150914-0-01					156355-0-01	
B-34	Washer		100197-0-02						
B-35	Washer		203735-0-01						
B-36	Nut 7.14		021800-1-03					101268-0-03	
B-40	Needle Bar Rock Crank Collar		150915-0-01						
B-41	Needle Bar Rock Link Stud		150916-0-01					112597-0-01	
B-64	Needle DP x 17		145646-0-23					145646-0-22	
D-11	Screw		112631-0-01						
D-18	Thread Cutter		151192-0-01						
D-19	Thread Cutter Guide Plate		151193-0-01						
D-20	Screw 3.18 x 5		009660-5-12						
D-21	Finger Guard Supporter		151191-0-01					151191-0-01	
D-22	Screw 3.57		144458-0-01					144458-0-01	
D-23	Walking Foot		151524-0-01	151526-0-01	150962-0-01		150962-0-01		
D-24	Presser Foot Assembly		183008-0-01		183181-0-01		183007-0-01		
D-33	Knee Lifter Connecting Lever		151072-0-01					156453-0-01	
D-42	Knee Lifter Assembly		151098-0-01					156454-0-01	
D-44	Finger Guard		150917-0-01				150917-0-01		
D-45	Screw		149177-0-01				149177-0-01		
E- 5	Feed Regulator Stud		148489-0-01					156358-0-01	
E-18	Feed Regulator Lever Shaft		151080-0-01						
E-21	Reverse Lever		118752-0-03						
E-22	Screw 6.35 x 10		015771-0-12						
E-23	Feed Regulator Connecting Link		148487-0-01					156359-0-01	
E-26	Feed Regulator Shaft Arm		150925-0-01					148499-0-01	
E-29	Feed Regulator Shaft Assembly		148771-0-01					156356-0-01	

Ref. No.	Name of Parts	Sub-class Spec. Gage	Standard				Thread Trimmer		
			With Finger Guard				BROTHER Motor	EFKA Motor	
			With Cotton Stand						
			With Belt Cover			With Belt Cover			
			Welting Feet 3/16"	Welting Feet 1/4"	Standard Feet		Standard Feet		
E-32	Lever Feed Connecting Rod Assembly		150926-0-01					156360-0-01	
E-34	Reverse Lever Stopper		118865-0-01					149282-0-01	
E-35	Screw 4.37		009680-7-14					009681-0-14	
E-40	Screw 5.95		013761-4-10						
E-59	Feed Dog		150960-0-01					156376-0-01	
E-61	Washer							100645-0-03	
E-62	Feed Regulator Connecting Link Shaft							148501-1-01	
F- 5	Lower Shaft		150972-1-01					156381-0-01	
F- 7	Rock Ratchet		150977-0-01					156385-0-01	
F- 8	Screw 6.35		015771-2-12					100251-0-01	
F- 9	Screw 6.35		013771-2-12					112684-0-01	
F-14	Timing Belt Pulley Lower Assembly		150978-0-01					156382-0-01	
F-14-3	Collar		150987-0-01					156383-0-01	
F-17	Rotary Hook Base Right		150963-0-01						
F-19	Rotary Hook Base Oil Reservoir		112702-0-01					156378-0-01	
F-23	Oil Pipe		115287-0-00						
F-24	Oil Gauge		151006-0-01						
F-41	Vertical Feed Eccentric Assembly		181486-0-01					148804-0-01	
F-52	Rotary Hook Assembly		150966-0-01					156379-0-01	
F-53	Bobbin		150971-0-01					156380-0-01	
F-54	Screw 6.35		015771-2-12					148821-0-01	
F-55	Bobbin Tension Spring							156463-0-01	
G-29	Felt Presser		114297-0-01						
G-30	Screw 3.57 x 5		009670-5-12						
G-32	Wick		150999-0-00					143660-0-00	
G-33	Oil Tube		151000-1-00					143661-0-00	
G-39	Oil Tube		148733-0-01					143671-0-00	
G-41	Oil Tube		151004-0-00					143669-0-00	
G-44	Tube Stopper		112744-0-01						
G-45	Screw 3.57 x 5		009670-5-12						
G-48	Bed Oil Tube Holder		148729-0-01						
G-49	Felt		148732-0-01						
G-50	Screw 4.76 x 10		009711-0-12						
H-63	Thread Trimmer Solenoid Assembly							148542-0-01	156550-0-01

Ref. No.	Name of Parts	Sub-class Spec. Gage	Standard				Thread Trimmer	
			With Finger Guard				BROTHER Motor	EFKA Motor
			With Cotton Stand					
			With Belt Cover			With Belt Cover		
			Welting Feet 3/16"	Welting Feet 1/4"	Standard Feet		Standard Feet	
H-63-4	Terminal Pin						143549-0-00	
H-69	Nylon Connector						145681-0-00	
H-70	Connector Cap						146119-0-00	
J- 6	Reverse Switch Assembly						151884-0-00	156549-0-01
J- 6-3	Terminal Pin						143549-0-00	
J-17	“O” Reset Solenoid Assembly						148648-0-01	156544-0-01
J-17-2	Terminal Pin						143549-0-00	
J-26	Reverse Solenoid Assembly						156364-0-01	156554-0-01
J-26-5	Terminal Pin						143549-0-00	
J-31	Connector Cap						145596-0-01	
J-32	6P Connector						146118-0-00	
Z- 8	Needle DP x 17 Assembly		145646-4-23				145646-4-22	
Z- 9	Bobbin		150971-0-01				156380-0-01	
Z-11	Head Rest		100477-0-01					
Z-12	Cotton Stand Assembly		150150-0-01				150150-0-01	
Z-15	Belt Cover Compleat D		147908-0-01		147908-0-01		147908-0-01	
Z-24	Hinge (E)						150557-0-01	
Z-25	Earth Wire						145946-0-01	
Z-26	Washer 4.37						025680-2-34	
Z-27	Screw 4.37 x 6						009680-6-13	
Z-28	Head Rest						149010-0-00	
Z-29	Stud Screw 2.38						148539-0-01	
Z-30	Fixed Knife Right						149169-0-01	
Z-31	Spanner 2						142002-0-01	
Z-32	Spanner 3						142721-0-01	
K-4	Slip Ring Support							148825-0-01
K-5	Screw 4.76 x 14							009711-4-12

Ref. No.	Name of Parts	Sub-class	Standard	Thread Trimmer
E-24	Pin		2 Q'ty	1 Q'ty
F-15	Screw 6.35 x 12		1	2
G-42	Tube Holder		4	2
G-43	Screw 3.57 x 5		4	2
G-46	Wick Holder		1	2
G-47	Screw 3.57 x 5		1	2

INDEX

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
002300-5-05	J-23		013771-2-12	B-24		100645-0-03	E-61		112630-0-01	D-27	
002300-6-03	J-18			F- 9			F-25		112631-0-01	D-11	
002400-8-03	H-68			F-11		100657-0-01	Z-13- 6		112636-0-01	D-41- 2	
005671-2-12	F-13			F-15		100659-0-01	Z-13-14				
			013781-0-12	B-49		100661-0-01	Z-13-18		112658-0-01	A-38	
007500-6-02	J-24		014760-6-22	E-20		100662-0-01	Z-13-22		112668-0-01	F-12	
007500-8-02	J-49		014770-6-22	H-15		100666-0-02	Z-14		112677-0-01	A-19	
009660-4-12	G-52			H-24			Z-15- 2		112684-0-01	F- 9	
009660-5-12	D-20		015771-0-12	E-22		100887-0-01	Z- 5			F-41- 2	
009670-5-12	B-43			J-52		101268-0-03	B-31			F-44	
	G-30		015771-2-12	B-23			B-36			F-45	
	G-43			F- 8		101572-1-01	Z- 2		112689-0-01	F-42- 2	
	G-45			F-54		101706-0-01	B- 9		112696-0-00	F-37	
	G-47		017502-8-03	Z-12- 3			E-28- 2		112699-0-01	F-47	
	L- 5			Z-12-16			E-48		112700-0-01	F-48	
009670-6-12	A-12		018061-6-22	H-56			F-46		112702-0-01	F-19	
	A-15		021500-1-03	Z-12- 6- 3		103607-0-00	A-20		112709-0-01	A-14	
	G-21			Z-12-12		104336-0-01	B-62		112710-0-01	A-13- 7	
			021670-1-02	H-46		104450-0-01	A-35		112711-0-01	A-13- 5	
	L-11		021800-1-03	B-36		104908-0-04			112712-0-01	A-13- 6	
	L-15		025030-2-32	J-22			E-50		112713-0-01	A-29	
009670-8-12	B-59		025030-2-33	J-19		105161-0-02	F-30		112714-0-00	A-28	
	D-15		025030-3-35	K- 1- 3		105234-0-01	F-27			H-41	
	F-31		025040-1-35	K- 1- 9		105351-0-02	F-21		112715-0-01	A-41	
	G-15-J- 4			K- 1-14		106030-0-01	D-43		112717-0-01	G- 7	
009671-0-12	A-16		025040-3-35	K- 1- 6		106147-0-02	L-26		112728-0-01	B-60	
009671-4-14	L-19		025050-2-33	Z-12- 2		106629-0-02	A-27		112734-0-01	B-16	
009679-3-12	Z-13-20		025060-1-32	E-55		107017-0-01	C-23		112735-0-00	B-11	
009680-6-12	D-24- 2		025060-3-35	K- 1-11		107030-0-01	B-46- 3		112736-0-00	B-44	
	G-22		025350-3-32	G-14		107155-0-01	C-16		112739-0-01	B-42	
009680-6-13	Z-27		025680-1-33	B-52			F-40		112743-0-01	G-42	
009680-7-12	D- 6- 2			C- 4			G-10		112744-0-01	A-45	
009680-7-14	E-35		025680-2-32	G-24		107231-0-02	A- 6			G-44	
009680-8-12	J- 2		025680-2-34	Z-26			C- 2		112745-0-01	G-46	
	Z-15- 8		025710-2-32	F-35					112751-0-02	L-34	
009681-0-12	E-29- 3		025750-1-32	Z-15- 3		107780-0-01	Z- 6		112753-0-01	F- 1	
009681-0-14	A-34		028050-2-43	Z-12-11		107794-0-01	F-50		112754-0-01	G-16	
	E-35		028060-2-43	K- 1-12		108254-0-01	A-13-15		112755-0-01	F-18	
009681-2-14	A- 8		028680-2-42	Z-15- 7		108260-0-01	A-13-13		112756-0-01	F-28	
	B-53		028680-2-43	F-26		108263-0-01	A-13- 8		112758-0-01	G-31	
	C- 5			G-23		108265-0-01	A-13-11		112759-0-01	E-57	
009681-4-12	H-47		031452-2-03	Z-12-15		108546-0-01	E-19- 2		112760-0-01	B-27	
009681-4-14	B-55		048015-3-46	H-12		108549-0-01	E-10		112763-0-01	D-16	
	J-10		048040-3-42	A-21		108960-0-04	A-37		112764-0-01	B-32	
009682-0-14	B-56			J-13			A-39		113014-0-00	B-12	
009710-8-12	E-38			J-27			A-43		113024-0-00	B-19	
	H- 6		048060-3-42	E-44		109151-1-01	E-11		113050-0-01	D-25	
	H-65			J-17- 5		109714-0-00	G-54		113074-0-01	E-47	
009711-0-12	G-50		048070-3-42	E- 4			Z-19		113362-0-01	F- 4	
	H-20		048080-3-42	J- 9		110161-0-06	F-36		113526-0-01	G-18	
	H-66		072620-4-60	B-28		110171-0-01	H-53		114297-0-01	G-29	
009711-2-12	G- 8					112072-0-01	E- 7		114483-0-01	Z-16	
009711-4-12	H-21		100078-0-03	H-58		112566-0-03	A-11		114486-0-01	G-55	
	K- 2		100134-0-01	A-13- 9		112569-0-01	Z-21		114693-0-01	B-18	
	K- 5		100197-0-02	B-34		112572-0-01	B-20		114909-0-00	D-38	
009711-6-12	L-30			F-22		112573-0-01	B-14			F-14-11	
009712-0-12	D- 8-G- 1		100242-0-03	E-58		112574-0-00	B- 5		114941-0-01	A-42	
	L-10		100250-0-01	B- 6		112576-0-01	B-13			Z-10	
009761-4-12	E-54		100251-0-01	B-10		112577-0-01	B- 8		115177-0-01	H-39	
009781-8-12	B-30			C-25- 2		112579-0-01	B- 1		115287-0-00	F-23	
	B-37			F- 8		112586-0-01	B-21		116283-0-01	E-60	
	E-42			F-43		112594-0-01	B-45		116662-0-03	L- 8-G- 3	
	J-44		100260-0-01	D- 2		112597-0-01	B-39				
009782-5-12	J-48			D- 4			B-41				
011802-0-12	H-57		100289-0-03	H-34		112614-0-01	D- 5				
013680-5-16	F-14- 6		100320-0-02	F-20		112615-0-01	D- 3		117963-0-01	Z-13	
013761-4-10	B-15		100328-0-01	E-16		112616-0-01	D-14		117969-0-01	Z-13-16	
	B-26		100366-0-02	Z-13- 2		112619-0-01	D-13		117970-0-01	Z-13- 5	
	E-40		100401-0-01	Z-13- 9		112623-0-01	D-32		118170-1-01	D-31	
	E-46		100477-0-01	Z-11		112624-0-01	D-30		118319-0-01	A-13-16	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
118320-0-01	A-13- 4		146118-0-00	J-32		148732-0-01	G-49		150917-0-01	D-44	
118713-0-01	E-24		146119-0-00	H-70		148733-0-01	G-35		150918-0-01	D- 7	
	J-38		146120-0-02	J- 3			G-39		150919-0-01	D-10	
118746-0-01	E- 6		146124-0-01	J-11		148743-0-01	E-30		150920-0-01	D- 9	
118747-0-01	E- 8		146125-0-01	J- 8		148744-1-01	J-21		150921-0-01	D-12	
118752-0-03	E-21		146128-0-00	J-16		148762-0-01	G- 9		150922-0-01	D- 1	
118837-0-01	Z- 3		146141-0-01	B- 7		148763-1-01	J-35		150923-1-01	D-26	
118853-0-01	E- 9		146598-0-01	A- 2		148764-0-01	J-46		150924-0-01	D-29	
	E-27		147856-0-02	Z-15- 5		148765-0-01	J-34		150925-0-01	E-26	
118865-0-01	E-34		147858-0-01	Z-15- 6		148766-0-01	J-17- 4		150926-0-01	E-32	
118954-0-00	C-21- 2		147908-0-01	Z-15		148767-0-01	J-37		150928-0-01	E-33	
	E-32- 2		148005-0-01	F-34		148768-0-01	H-44		150930-0-01	E-41	
122991-0-01	Z- 1		148482-1-01	H-35		148771-0-01	E-29		150931-0-01	C-25	
123882-0-01	H-37		148487-0-01	E-23		148804-0-01	F-41		150933-0-00	C-21	
126863-0-00	Z-12- 8		148488-0-01	E- 2		148818-0-01	L-16		150934-0-00	C-21- 1	
129984-0-02	A- 4		148489-0-01	E- 5		148821-0-01	F-16		150935-0-01	C-17	
140527-0-01	A- 9		148493-0-01	E-39			F-54		150936-0-01	C-18	
140647-0-01	L-12		148494-0-01	E-45		148825-0-01	K- 4		150937-0-01	C-20	
141494-0-01	H-28		148499-0-01	E-26		148882-0-01	Z-20		150938-0-01	C-19	
141542-0-01	H-10		148501-0-01	E-62		148890-1-01	Z-18		150940-0-00	C-15	
141742-0-01	G-17			J-41		148976-0-01	E-49		150941-0-00	C-14	
141748-0-01	J-50		148502-0-00	F- 6		148977-0-01	E-52		150942-0-01	C-11	
141868-0-01	D-35		148503-0-00	F- 2		149010-0-00	Z-28		150943-0-01	C-12	
142002-0-01	Z-31		148535-0-01	H- 5		149169-0-01	H- 1		150944-0-01	C- 7	
142443-0-01	Z- 4		148536-0-01	H- 4			Z-30		150945-0-01	C- 7- 2	
142721-0-01	Z-32		148537-0-01	H- 3		149174-0-01	J-28		150946-0-01	C- 7- 1	
142746-0-02	E-14		148539-0-01	H- 2		149177-0-01	D-45		150947-0-01	C- 7- 3	
142747-0-02	E-15			Z-29		149282-0-01	E-34		150948-0-01	C- 7- 4	
142990-0-01	Z-12- 4- 2		148542-0-01	H-63		149288-0-01	L- 3		150949-0-01	C-10	
143549-0-00	H-63- 4		148545-0-01	H-63- 2		149554-0-01	J-53		150950-0-01	C- 8	
	J- 6- 3		148546-0-01	H-62		149864-0-01	D-39		150951-0-01	C- 9	
	J-17- 2		148547-0-01	H-29		149991-0-01	D-34		150952-0-01	C- 6	
	J-26- 5		148548-0-01	H-31		150106-0-01	Z-12- 6		150954-0-01	C- 1	
143591-0-01	E-53		148553-0-01	H-25		150139-0-01	Z-12-14		150955-0-01	C- 3	
143594-0-01	E-29- 2		148554-0-01	H-26		150150-0-01	Z-12		150956-0-01	B-51	
143597-0-01	E-31		148555-0-01	H-33		150172-0-01	Z-12- 5		150957-0-01	E-51	
143608-0-01	E-19		148557-0-01	H-59		150177-0-01	Z-12-13		150958-0-01	E-56	
143609-0-01	E-36		148559-0-00	H-30		150179-0-01	Z-12- 7		150959-0-01	A-23	
143610-0-01	E-37		148560-0-01	J-25		150180-0-00	Z-12-10		150960-0-01	E-59	
143613-0-01	E-32- 3		148561-1-01	H-67		150181-1-01	Z-12-14- 2		150962-0-01	D-23	
143616-0-01	E-43		148571-0-01	H-19		150182-0-00	Z-12- 9		150963-0-01	F-17	
143660-0-00	G-32		148573-0-01	H-16		150184-0-01	Z-12- 4- 3		150964-1-01	F-51	
143661-0-00	G-33		148574-0-01	H-14		150192-0-01	Z-12- 4		150965-0-01	F-49	
143669-0-00	G-41			H-23		150202-0-01	Z-12- 6- 2		150966-0-01	F-52	
143671-0-00	G-11		148575-0-01	H-17		150553-0-03	A-10		150967-0-01	F-33	
	G-37		148607-0-02	J-51		150554-0-01	C-13		150968-0-01	F-32	
	G-39		148608-0-01	J-55		150557-0-01	Z-24		150969-0-01	F-38	
143673-0-01	G-51		148614-0-01	L- 2		150890-0-02	A- 7		150970-0-01	F-29	
143766-0-01	E- 1		148619-0-01	H-32		150891-0-01	A- 5		150971-0-01	F-53	
143910-0-01	Z-22		148623-0-01	H-36		150892-0-02	A- 1			Z- 9	
144222-0-01	Z-23		148625-0-01	H-54		150895-0-01	A-25		150972-1-01	F- 5	
144458-0-01	B-63		148628-0-01	H-50		150896-0-01	A-22		150975-0-01	F-10	
	D-22			H-55		150897-0-01	A-26		150976-0-01	F-10- 1	
	D-40		148629-0-01	H-52		150898-0-01	B- 3		150977-0-01	F- 7	
144504-0-01	L-22		148632-0-01	H-45		150899-0-01	B-17		150978-0-01	F-14	
145094-0-01	D-36		148633-0-01	H-42		150900-1-01	B-25		150980-0-01	F-14- 7	
145153-0-01	A-13-10		148643-1-01	J-47		150901-0-01	B-46		150981-0-01	F-14- 8	
145328-0-01	E-29- 4		148648-0-01	J-17		150902-0-01	B-46- 2		150982-0-01	F-14- 4	
145446-0-01	A-13- 8		148650-0-01	J-17- 3		150904-0-01	B-47		150983-0-01	F-14- 5	
	Z-13-10		148651-0-01	J-20		150906-0-01	B-47- 2		150984-0-01	F-14-10	
145502-0-01	E-17		148653-0-01	J-33		150907-0-01	B-47- 3		150985-0-01	F-14-12	
145596-0-01	J-31		148654-0-01	H-38		150908-0-01	B-48		150986-0-01	F-14-13	
145646-0-22	B-64		148655-0-01	H-64		150909-0-01	B-54		150987-0-01	F-14- 3	
145646-0-23	B-64		148669-0-01	A-13- 9		150910-0-01	B-58		150988-0-01	G- 6	
145646-4-22	Z- 8		148670-0-01	A-13- 7		150911-0-01	B-57		150989-0-00	A-32	
145646-4-23	Z- 8		148673-1-00	J-26- 3		150912-0-00	B-29		150990-0-01	G-25	
145681-0-00	H-69		148708-1-01	L- 1- 2		150913-0-01	B-38				
145946-0-01	Z-25		148709-0-01	L- 1- 1		150914-0-01	B-33		150993-0-01	G-20	
146080-0-00	J- 5		148729-0-01	G-48		150915-0-01	B-40		150994-0-00	G-19	
146103-0-01	J-26- 4		148731-0-00	G-27		150916-0-01	B-41		150995-0-00	B- 4	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
150996-0-00	B-50		156366-0-01	J-26- 2		216880-0-01	K- 1-13				
150997-0-00	G-26		156367-0-01	J-30		217093-0-01	K- 1- 7				
150998-0-00	G-28		156368-0-00	J-29		220067-0-01	K- 1				
150999-0-00	G-32		156369-0-01	J-39							
151000-1-00	G-33		156370-0-01	J-45		047501-2-42	D-41- 3				
151001-0-00	G-34		156371-0-01	J-40		155510-0-01	L-20				
151002-0-00	G-36		156372-0-01	J-42		158384-0-01	A-24				
151003-0-00	G-40		156374-0-01	L- 1							
151004-0-00	G-41		156376-0-01	E-59							
151005-0-00	G-38		156377-0-01	L-24							
151006-0-01	F-24		156378-0-01	F-19							
151007-1-01	G-53		156379-0-01	F-52							
151008-0-01	A-33		156380-0-01	F-53							
151009-0-01	A-13			Z- 9							
151011-0-01	A-13-14		156381-0-01	F- 5							
151012-0-01	A-13-17		156382-0-01	F-14							
151013-0-01	A-36		156383-0-01	F-14- 3							
151014-0-01	B-61		156384-0-01	A-19							
151015-0-01	C-24		156385-0-01	F- 7							
151027-0-01	F-52- 2		156386-0-00	L- 6							
151029-0-01	F-52- 4		156387-0-01	L-31							
151030-0-01	F-52- 5		156388-0-00	L-33							
151072-0-01	D-33		156389-0-01	L-27							
151073-0-01	D-28		156390-0-01	L-29							
151080-0-01	E-18		156391-0-00	L-25							
151089-0-00	G-13		156392-0-00	L-28							
151090-0-01	C-22		156393-0-01	A-13							
151097-0-00	G-12		156394-0-01	A-13- 5							
151098-0-01	D-42		156395-0-01	L-23							
151148-0-01	A-13-12		156398-0-01	H- 7							
151191-0-01	D-21		156402-0-01	H-13							
151192-0-01	D-18		156403-0-01	H-11							
151193-0-01	D-19		156404-0-01	H- 8							
151495-0-01	F-52- 3		156405-0-01	H- 9							
151524-0-01	D-23		156406-0-01	H-27							
151526-0-01	D-23		156408-0-01	H-18							
151601-0-02	D-41- 4		156409-0-01	H-51							
151602-0-01	E-25		156410-0-01	H-48							
	J-43		156411-0-01	H-43							
151602-0-02	A-40		156412-0-01	H-49							
	J-36		156413-0-01	H-40							
151603-0-01	F-14- 9		156414-0-01	K- 3							
151604-0-01	D-17		156415-0-01	J- 1							
	F- 3		156416-0-01	J-15							
151605-0-01	B- 2		156417-0-01	J-14							
	E- 3		156418-0-01	J-12							
	E-33- 2		156419-0-01	J- 7							
151884-0-00	J- 6		156453-0-01	D-33							
153112-0-01	A- 3		156454-0-01	D-42							
153168-0-01	E-12		156463-0-01	F-55							
153215-0-01	L-17		156478-0-01	H-22							
153231-0-01	E-13		156544-0-01	J-17							
153483-0-01	F-39		156549-0-01	J- 6							
154562-0-01	L-21		156550-0-01	H-63							
154702-0-01	Z-17		156554-0-01	J-26							
155447-0-01	D-37		156824-0-01	D-41							
155485-0-01	L- 9-G- 2		180157-0-01	B-22							
155487-0-01	L- 7		180321-0-01	E-28							
155493-0-01	L-18		180949-0-01	F-42							
156352-0-01	L-32		180950-0-01	D- 6							
156353-0-01	L- 4		181486-0-01	F-41							
156354-0-01	B-25		181712-0-01	H-61							
156355-0-01	B-33		181713-0-01	H-60							
156356-0-01	E-29		183007-0-01	D-24							
156358-0-01	E- 5		183008-0-01	D-24							
156359-0-01	E-23		183181-0-01	D-24							
156360-0-01	E-32		203735-0-01	B-35							
156362-0-01	J-54		215080-0-01	K- 1-10							
156363-0-01	J-56			K- 1-15							
156364-0-01	J-26		215083-0-01	K- 1- 2							

RECEIVED

