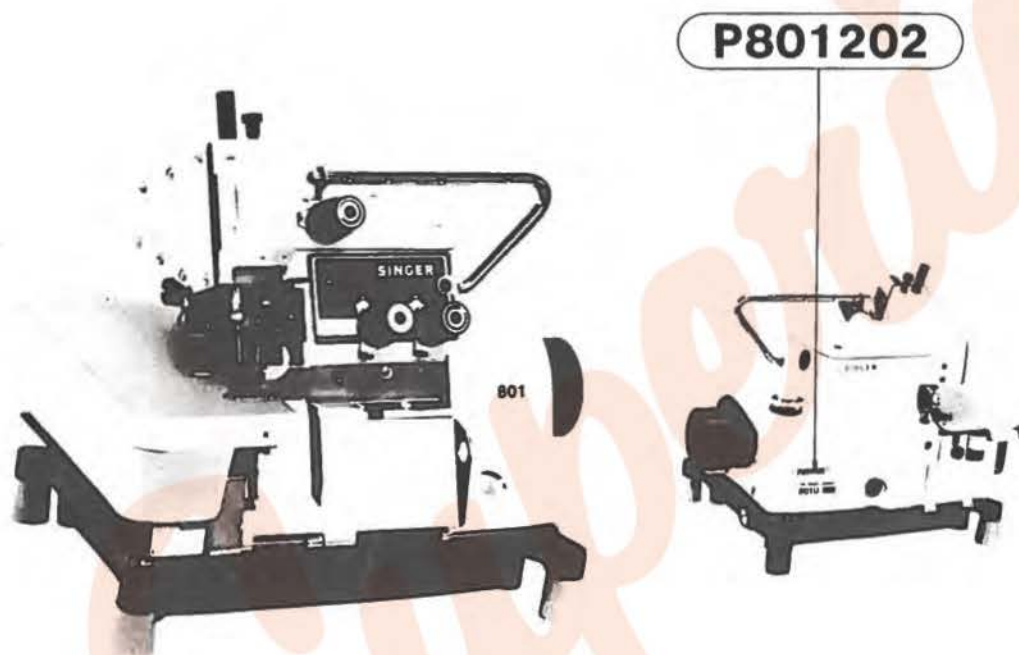


PARTS BOOK

FOR

SINGER 801U·802U



Single Needle
Two Needle Overedge Machine

THE SINGER COMPANY

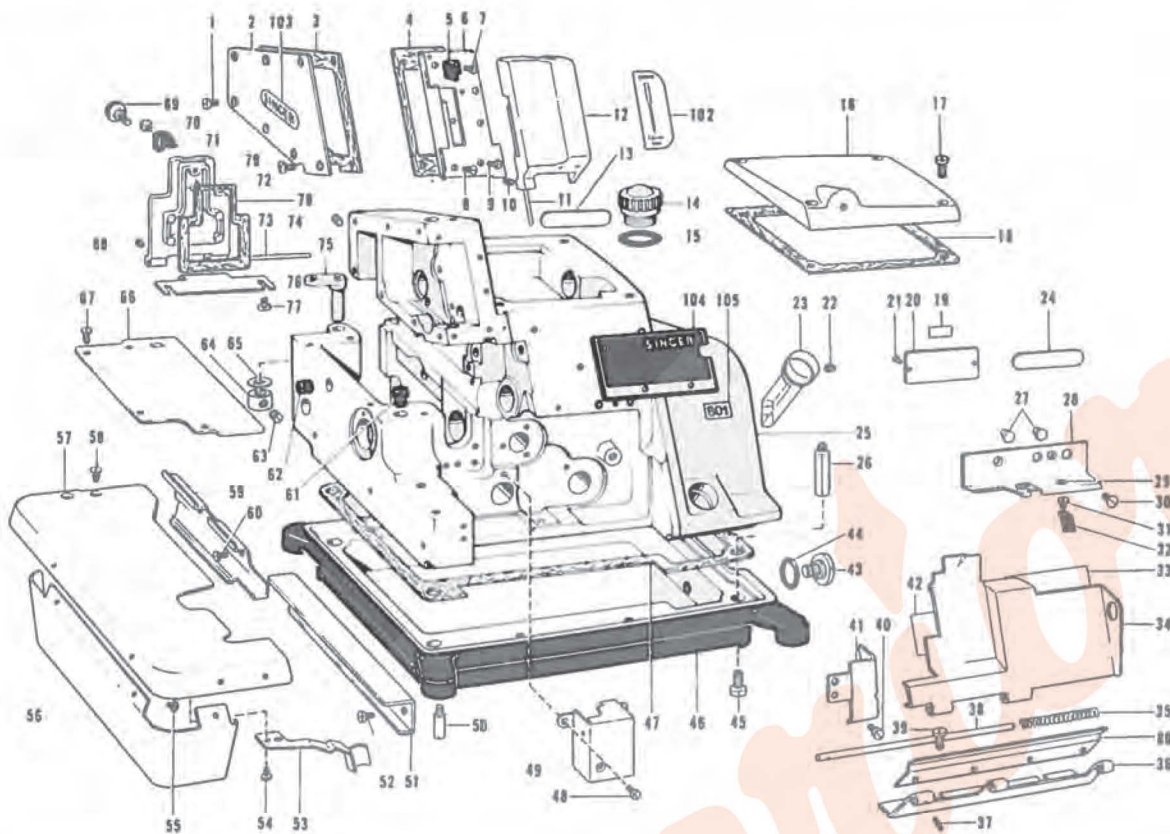
How to use the parts book

1. This parts book can be used for ordering of the parts of the machine which plate number is same as shown on the upper cover of the book (or correction sheet).
2. Those pages from A – F·Y·Z on this parts catalogue show all the parts for 801U-001.
3. When the column for the parts number or parts assembly number is , please refer to the different parts list on the page 29.
4. When the column for the parts number is , the parts can not be supplied. But when the parts assembly number is shown in the column, please order the parts by the parts assembly number so that the parts can be arranged in the form of assembled parts.
5. After page 7, please refer to the different parts list on the page 29.

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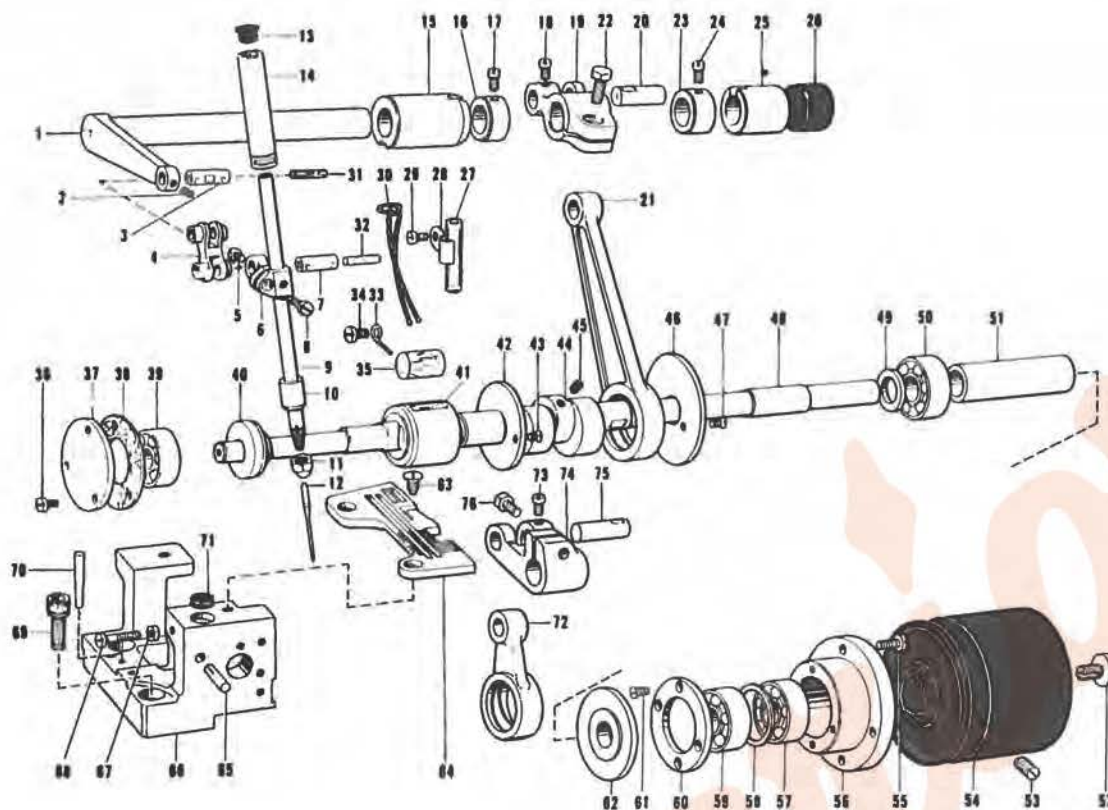
A. 801U001 Machine Body



Ref. No.	Name of Parts	Q'ty	Parts No	Assembly No	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
A-1	Screw	6	0096 07 14		A-40	Screw	2	009670-6 12	
A-2	Cover for Needle Driving Mechanism	1	14 067 0 01		A-41	Front Cover Guide	1	148081-0-01	
A-3	Gasket	1	14 06 0 00		A-42	Looper Threading Label	1	147943-0 01	
A-4	Face Plate Gasket	1	14 07 0 00		A-43	Screw	1	110641-0 01	
A-5	Stopper Spring	1	140041 0 01		A-44	"O" Ring	1	109203-0 01	
A-6	Face Plate	1	148074-0-01		A-45	Screw	4	017771-6-12	
A-7	Screw	1	009670-6-12		A-46	Oil Reservoir	1	148087-0-01	
A-8	Screw	1	102843-0-04		A-47	Gasket	1	148088-0-00	
A-9	Screw	3	009670-6-12		A-48	Screw	2	009670-6-12	
A-10	Screw	1	146427-0-01		A-49	Inside Cover	1	148078-0-01	
A-11	Pin for Face Plate	1	146426-0-00		A-50	Set Pin for Cushion	4	140077-0-01	
A-12	Face Plate Cover	1	148073-0-01		A-51	Frame Hanger	1	148090-0-01	
A-13	Name Plate	1			A-52	Screw	3	009680-7-12	
A-14	Oil Filler Cap and Flow Indicator	1	146421-0-00		A-53	Stopper Spring for Cloth Plate	1	148304-0-01	
A-15	Gasket	1	113589-0-01		A-54	Screw	2	009670-6-12	
A-16	Top Cover	1	148065-0-01		A-55	Screw	3	106568-0-01	
A-17	Screw	4	009681-2-12		A-56	Cloth Plate Lower	1	148083-0-01	
A-18	Gasket	1	148066-0-00		A-57	Cloth Plate	1	148082-0-01	
A-19	Label	1			A-58	Screw	2	100032-0-03	
A-20	Model Plate 801D	1			A-59	Cloth Guide (L)	1	148089-0-01	
A-21	Model Plate Pin	2			A-60	Screw	2	009670-6-12	
A-22	Screw	1	014680-4-22		A-61	Oil Cap	1	148077-0-01	
A-23	Oil Gauge	1	148084-0-01		A-62	Oil Cap	1	146315-0-00	
A-24	Number Label (I')	1			A-63	Screw	2	101706-0-01	
A-25	Machine Body	1			A-64	Set Collar	1		181969-0-03
A-26	Machine Body Leg	4	148085-0-01		A-65	Washer	1	141183-0-00	
A-27	Oil Cap	2	111865-0-01		A-66	Cover for Feed Mechanism	1	148076-0-01	
A-28	Supporter for Front Cover	1		146713-0-01	A-67	Screw	4	009670-6-12	
A-29	Thread Bushing	2	146924-0-00		A-68	Screw	1	146427-0-01	
A-30	Screw	2	117160-0-01		A-69	Screw	1	106120-0-02	
A-31	Screw	1	123185-0-01		A-70	Screw	1	009670-6-12	
A-32	Stopper Spring for Front Cover	1	146446-0-01		A-71	Stopper Spring	1	148072-0-01	
A-33	Threading Diagram	1	148091-0-01		A-72	Cover for Feed Mechanism (B)	1	148069-0-01	
A-34	Front Cover	1			A-73	Hinge Pin	1	148071-0-00	
A-35	Spring	1	146442-0-01		A-74	Screw	2	013760-6-12	
A-36	Front Cover Hinge	1	146440-0-01		A-75	Cloth Plate Supporter	1	143374-0-01	
A-37	Pin	1	047140-8-42	148982-0-01	A-76	Feed Mechanism Cover Hinge B	1	148070-0-01	
A-38	Front Cover Hinge Pin	1	146441-0-00		A-77	Screw	2	009680-7-12	
A-39	Hinge Cover	1	148984-0-01		A-78	Gasket	1	148859-0-00	
		2	107407-0-03		A-79	Screw	1	100032-0-03	
					A-102	Label	1		
					A-103	Label	1		
					A-104	Name Plate F	1		
					A-105	Model No. Label	1		

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
EXAMPLE BR146222-0-01

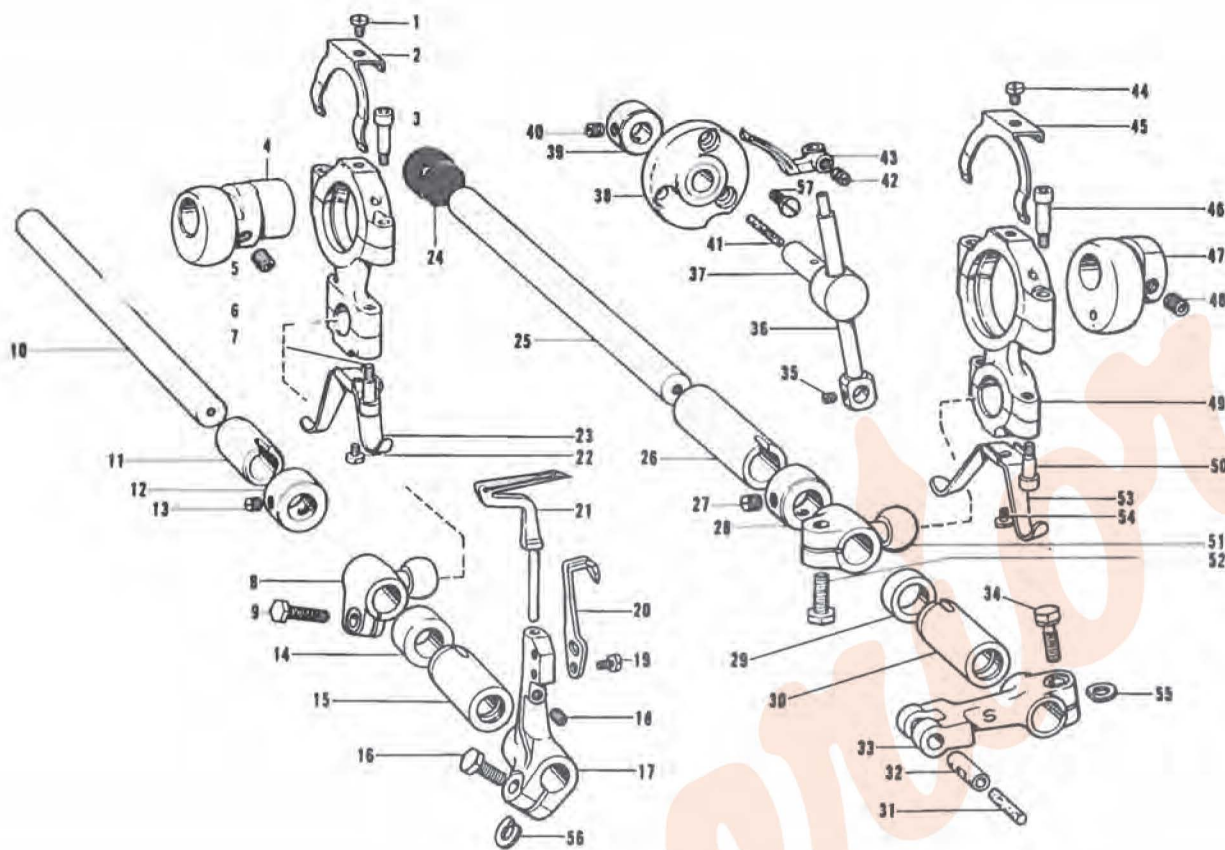
B. 801U001 Crank Shaft and Needle Bar Mechanism



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
B-1	Needle Bar Crank Shaft	1		148269-0-01	B-37	Bearing Cap	1	143311-0-01	
B-2	Screw	1	146427-0-01		B-38	Gasket	1	143312-0-00	
B-3	Needle Bar Link Shaft	1			B-39	Bearing 6000	1	072600-0-00	
B-4	Needle Bar Link	1			B-40	Bushing	1	148086-0-00	
B-5	Screw	1	009669-4-12		B-41	Crank Shaft Outer Bushing (L) Assembly	1	148373-0-00	
B-6	Needle Bar Clamp	1		147629-0-01	B-42	Looper Connecting Rod Stopper Guide L	1	148225-0-01	
B-7	Needle Bar Link Shaft	1			B-43	Screw	2	102843-0-04	
B-8	Screw	1	009670-8-12		B-46	Looper Connecting Rod Stopper Guide R	1	148205-0-01	
B-9	Needle Bar	1			B-47	Screw	2	102843-0-04	
B-11	Needle Clamp Nut	1	147631-0-01		B-48	Crank Shaft	1	148109-0-01	
B-10	Needle Bar Bushing (D)	1	146486-0-00	148858-0-01	B-49	Spacer	1	148112-0-00	
B-12	Needle Cat. No. 6120 #11	1	151200-0-11		B-50	Bearing 6001	1	072600-1-00	
B-13	Cap	1	114255-0-02		B-51	Collar L	1	148111-0-00	
B-14	Needle Bar Bushing (U)	1	148123-0-01		B-52	Cap Screw	1	140180-0-01	
B-15	Needle Shaft Bushing (Left)	1	148121-0-00		B-53	Screw	2	013761-4-10	
B-16	Set Collar	1	140092-0-01	181656-0-01	B-54	Pulley	1	140085-0-04	
B-17	Screw	2	100366-0-01		B-55	Screw	4	009681-0-12	
B-18	Screw	1	100366-0-01		B-56	Bearing Case	1	110670-0-00	
B-19	Needle Arm Driving Lever	1			B-57	Bearing 6001	1	072600-1-00	
B-20	Pin	1			B-58	Thrust Washer	1	110672-0-00	
B-21	Needle Arm Driving Crank Rod	1		181656-0-01	B-59	Bearing 6001	1	072600-1-00	
B-44	Needle Bar, Upper Knife Eccentric Cam	1			B-60	Bearing Cover	1	110673-0-00	
B-45	Screw	2	148857-0-01		B-61	Screw	4	107244-0-01	
B-72	Upper Knife Driving Rod	1			B-62	Oil Rejector	1	140084-0-00	
B-73	Screw	1	100366-0-01		B-63	Screw	2	100032-0-03	
B-74	Upper Knife Driving Lever	1			B-64	Throat Plate	1		
B-75	Pin	1			B-65	Pin	1	117608-0-01	
B-76	Screw	1	017761-6-12		B-66	Throat Plate Support Bracket	1	148124-0-01	
B-22	Screw	1	017761-6-12		B-67	Nut	1	021670-2-02	
B-23	Set Collar	1	140092-0-01		B-68	Screw	1	009671-4-12	
B-24	Screw	2	100366-0-01		B-69	Screw	2	018061-6-22	
B-25	Needle Shaft Bushing (Right)	1	148120-0-00		B-70	Pin	1	107351-0-01	
B-26	Oil Cap	1	140066-0-01		B-71	Cloth Plate Cushion (B)	1	111486-0-01	
B-27	Vinyl Tube	1	146644-0-00						
B-28	Tube Holder	1	148315-0-01						
B-29	Screw	1	009680-7-12						
B-30	Wick	1	118768-0-01						
B-31	Felt	1	147691-0-00						
B-32	Felt	1	147691-0-00						
B-33	Felt Holder	1	148247-0-01						
B-34	Screw	1	009680-7-12						
B-35	Felt	1	112754-0-01						
B-36	Screw	3	009670-8-12						

NOTE: PREFIX ALL NUMBERS BY 'BR'.
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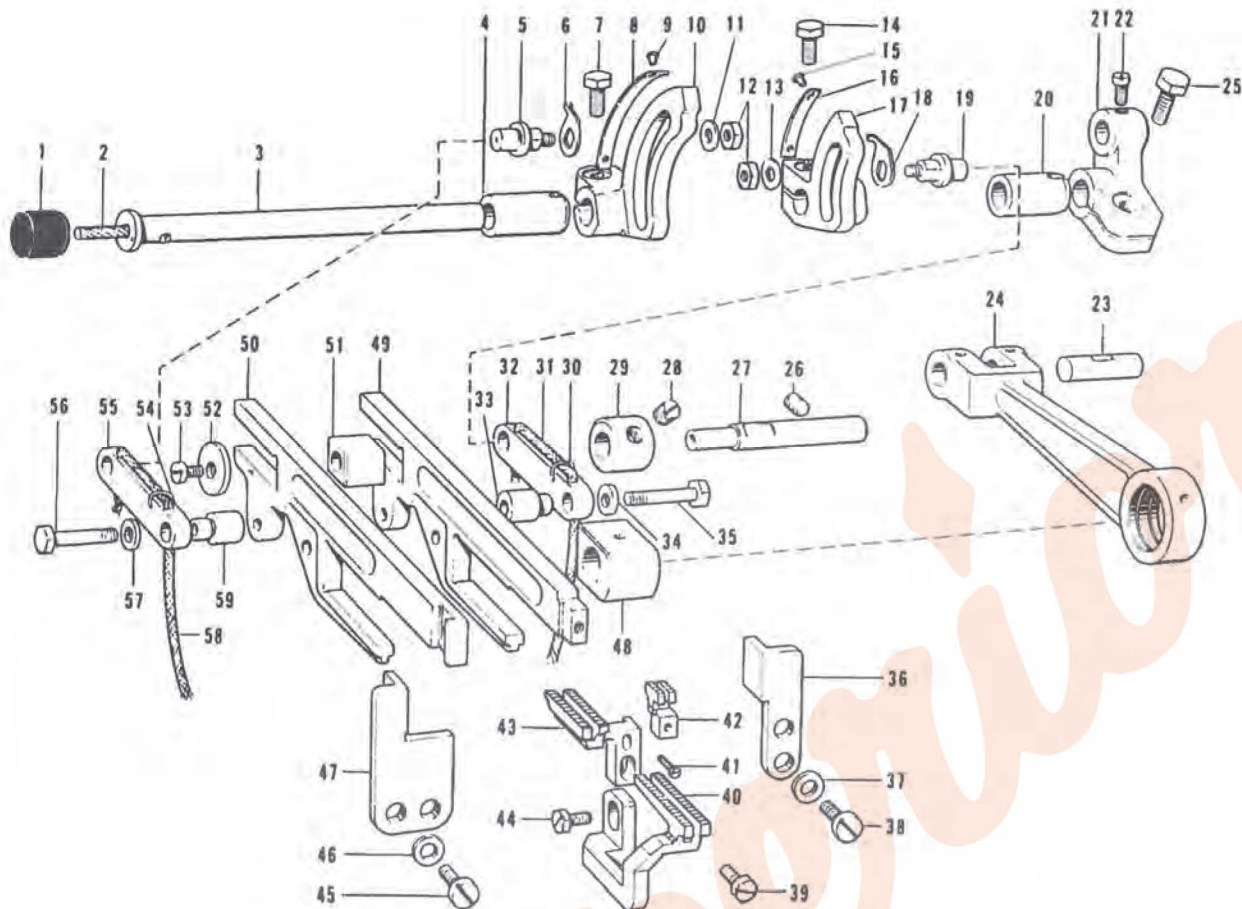
C. 801U001- Looper Mechanism



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
C-1	Screw	1	009670-5-12		C-30	Bushing	1	144031-0-00	
C-2	Looper Connecting Rod Stopper	1	148224-0-01		C-31	Wick	1	108809-0-01	
C-4	Looper (Left Hand) Eccentric Cam	1		181629-0-01	C-32	Looper (Right Hand) Holder Pin	1		
C-5	Screw	2	148857-0-01		C-33	Looper (Right Hand) Driving Lever	1		
C-3	Screw	2	148425-0-01		C-34	Screw	1	149172-0-01	
C-6	Looper (Left Hand) Connecting Rod	1		181630-0-01	C-35	Screw	1	146427-0-01	
C-7	Screw	2	148425-0-01		C-36	Looper (Right Hand) Holder	1		148209-0-01
C-8	Looper (Left Hand) Connecting Lever	1		148220-0-01	C-37	Looper (Right Hand) Holder Guide Block	1		
C-9	Screw	1	017771-4-12		C-38	Looper (Right Hand) Holder Guide Base	1		
C-10	Looper (Left Hand) Shaft	1	148226-0-01		C-39	Set Collar	1		
C-11	Looper (Left Hand) Shaft Bushing(B)	1	148227-0-00		C-40	Screw	2	014680-4-22	
C-12	Set Collar	1		180323-0-01	C-55	Spacer	1	148783-0-01	
C-13	Screw	2	013760-6-12		C-42	Screw	1	014680-4-22	147934-0-01
C-14	Thrust Collar	1	148229-0-01		C-43	Looper (Right Hand)	1		
C-15	Looper (Left Hand) Shaft Bushing(F)	1	148228-0-00		C-44	Screw	1	009670-5-12	
C-16	Screw	1	149171-0-01		C-45	Looper Connecting Rod Stopper	1	148204-0-01	
C-17	Looper (Left Hand) Holder	1	146617-0-01		C-47	Looper (Right Hand) Eccentric Cam	1		181628-0-01
C-18	Screw	1	014680-4-22		C-48	Screw	2	148857-0-01	
C-19	Screw	2	009670-8-12		C-46	Screw	2	150382-0-01	
C-20	Movable Needle Guard	1	144127-0-01		C-49	Looper (Right Hand) Connecting Rod	1		181631-0-01
C-21	Looper (Left Hand)	1	144049-0-01		C-50	Screw	2	148425-0-01	
C-22	Screw	1	009670-5-12		C-51	Looper (Right Hand) Connecting Lever	1		148200-0-01
C-23	Oil Jumping Plate L	1	148251-0-01		C-52	Screw	1	017771-6-12	
C-24	Oil Cap	1	140066-0-01		C-53	Oil Jumping Plate R	1	148250-0-01	
C-25	Over Looper Shaft	1	148206-0-01		C-54	Screw	1	009670-5-12	
C-26	Bushing	1	148207-0-00		C-41	Wick	1	148249-0-00	
C-27	Screw	2	100260-0-01		C-56	Spacer	1	148782-0-01	
C-28	Set Collar	1	146581-0-01		C-57	Screw	3	009680-7-12	
C-29	Thrust Collar	1	148208-0-01						

[NOTE! PREFIX ALL NUMBERS BY 'BR']
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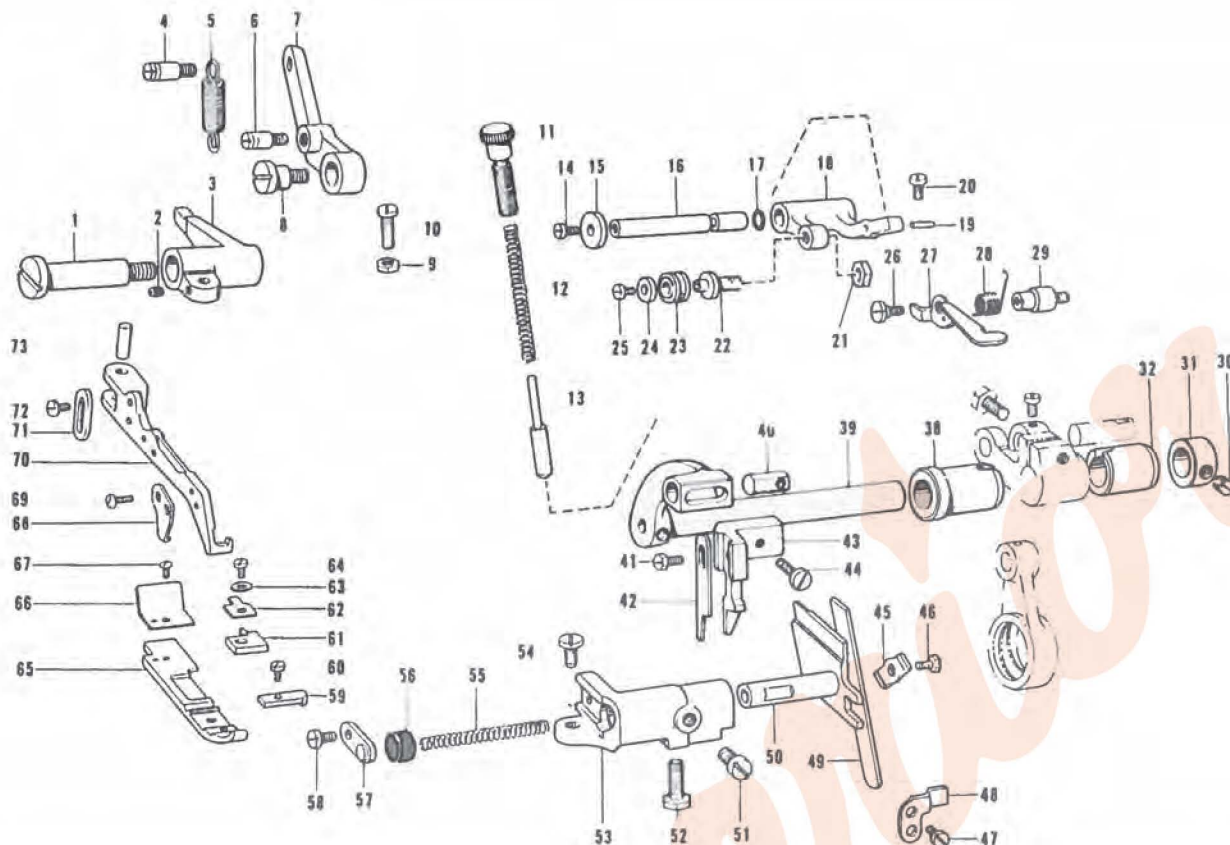
D. 801U001 Feed Mechanism



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
D-1	Oil Cap	1	140065-0-01		D-31	Wick	1	142674-0-00	
D-2	Wick	1	148248-0-00		D-32	Feed Link	1	148184-0-00	
D-3	Feed Shaft	1	148167-0-01		D-33	Feed Link Bushing	1	148185-0-01	
D-4	Feed Shaft Bushing (L)	1	148168-0-00		D-34	Washer	1	140208-0-01	
D-5	Feed Link Shaft	1	148181-0-01		D-35	Screw	1	148186-0-01	
D-6	Feed Link Indicator Plate L	1	148183-0-01		D-36	Feed Bar Guide (R)	1	148174-0-00	
D-7	Screw	1	017761-4-12		D-37	Washer	2	113431-0-02	
D-8	Indicator Plate	1	148180-0-01		D-38	Screw	2	107407-0-03	
D-9	Model Plate Pin	1	116231-0-01		D-39	Screw	1	117516-0-01	
D-10	Differential Feed Arm	1	148179-0-01		D-40	Differential Feed (Front) Dog	1	146748-0-01	
D-11	Washer	1	148847-0-01		D-41	Screw	1	009630-8-12	
D-12	Nut	2	148838-0-01		D-42	Chain Feed Dog	1	146577-0-01	
D-13	Washer	1	148847-0-01		D-43	Main Feed (Back) Dog	1	146744-0-01	
D-14	Screw	1	017761-4-12		D-44	Screw	1	117516-0-01	
D-15	Model Plate Pin	2	116231-0-01		D-45	Screw	2	107407-0-03	
D-16	Indicator Plate	1	148178-0-01		D-46	Washer	2	113431-0-02	
D-17	Main Feed Arm	1	148177-0-01		D-47	Feed Bar Guide (L)	1	148175-0-00	
D-18	Feed Link Indicator Plate R	1	148182-0-01		D-48	Feed Lifting Slide Block	1	148173-0-00	148262-0-01
D-19	Feed Link Shaft	1	148181-0-01		D-49	Main Feed Bar	1		148170-0-01
D-20	Feed Shaft Bushing (R)	1	148169-0-00		D-50	Differential Feed Bar	1		
D-21	Feed Arm	1			D-51	Feed Bar Guide Block	1	146547-0-00	
D-22	Screw	1	100366-0-01	148163-0-01	D-52	Slide Plate	1	146549-0-01	
D-23	Pin	1	148166-0-01		D-53	Screw	1	009680-7-12	
D-24	Feed Rod	1			D-54	Steel Wire	1	140774-0-00	
D-25	Screw	1	017761-4-12		D-55	Feed Link	1	148403-0-01	
D-26	Screw	1	148857-0-01		D-56	Screw	1	148186-0-01	
D-27	Feed Bar Guide Block Shaft	1	148176-0-01		D-57	Washer	1	140208-0-01	
D-28	Screw	2	101706-0-03	181995-0-01	D-58	Wick	1	142674-0-00	
D-29	Set Collar	1			D-59	Feed Link Bushing	1	148404-0-01	
D-30	Steel Wire	1	140774-0-00						

[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

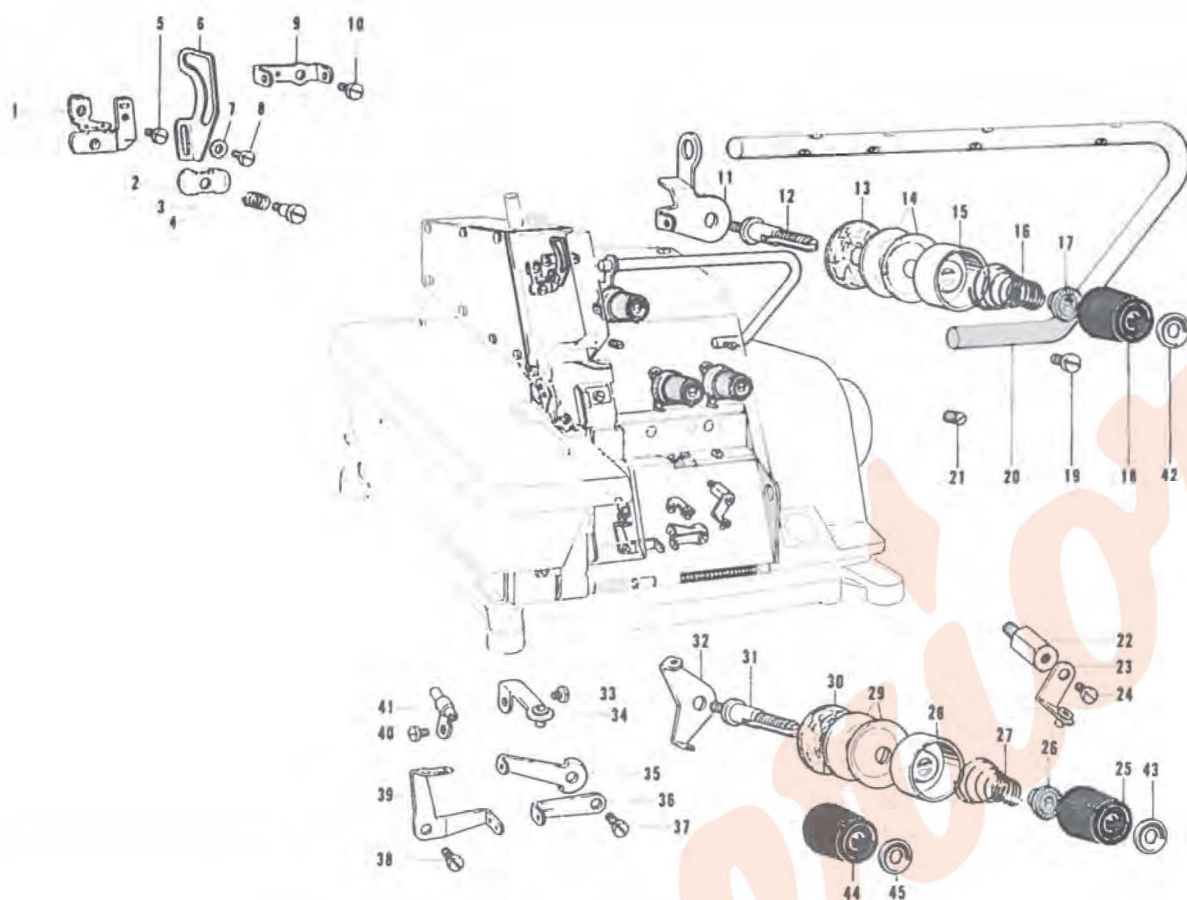
E. 801U001 Knives and Presser Foot Mechanism



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
E-1	Screw	1	148147-0-01		E-38	Bushing Left	1	148196-0-00	
E-2	Screw	1	146427-0-01		E-39	Upper Knife Driving Arm	1	146580-0-01	
E-3	Presser Foot Supporter	1	148146-0-01		E-40	Nut	1	148281-0-01	
E-4	Spring Hook	1	148144-0-01		E-41	Screw	1	144075-0-01	
E-5	Spring	1	148145-0-01		E-42	Upper Knife (Movable)	1	148198-0-01	
E-6	Spring Hook	1	148144-0-01		E-43	Upper Knife Holder	1	144073-0-01	
E-7	Presser Foot Lifter Lever	1	148143-0-01		E-44	Screw	1	107407-0-03	
E-8	Screw	1	141528-0-01		E-45	Lower Knife Holding Plate	1	117515-0-01	
E-9	Nut	1	021680-2-02		E-46	Screw	1	117516-0-01	
E-10	Screw	1	009681-6-12		E-47	Screw	2	009670-6-12	
E-11	Screw	1	148128-0-01		E-48	Lower Knife Holder Guide	1	146585-0-01	
E-12	Spring	1	148129-0-01		E-49	Lower Knife (Stationary)	1	112436-0-01	
E-13	Pin	1	148130-0-01		E-50	Lower Knife Holder	1	146754-0-01	
E-14	Screw	1	009680-7-12		E-51	Screw	1	107407-0-03	
E-15	Washer	1	148135-0-01		E-52	Screw	1	017771-6-12	
E-16	Presser Bar Lever Shaft	1	148134-0-01		E-53	Lower Knife Holder Supporter	1	146582-0-01	
E-17	"O" Ring	1	081002-6-70		E-54	Screw	1	102627-0-01	
E-18	Presser Bar Lever	1		148131-0-01	E-55	Spring	1	146584-0-01	
E-19	Roller	1	148133-0-01		E-56	Cap	1	146586-0-00	
E-20	Screw	1	104908-0-01		E-57	Lower Knife Holder Spring Stopper	1	140248-0-0	
E-21	Nut	1	100022-0-05		E-58	Screw	1	009680-7-12	
E-22	Presser Arm Roller Shaft	1		148346-0-01	E-59	Presser Foot (Front)	1	146888-0-01	
E-23	Presser Arm Roller	1			E-60	Screw	1	009639-3-12	
E-24	Washer	1	148813-0-01		E-61	Chaining-off Finger	1	146886-0-01	
E-25	Screw	1	009670-5-12		E-62	Presser Foot Hinge Spring	1	146887-0-01	
E-26	Screw	1	148139-0-01		E-63	Washer	1	025030-1-32	146884-0-01
E-27	Presser Bar Lifter	1	148137-0-01		E-64	Screw	1	100080-0-04	
E-28	Spring	1	148138-0-01		E-65	Presser Foot	1		
E-29	Presser Bar Lifter Bracket	1	148136-0-01		E-66	Presser Foot (Rear)	1		
E-30	Screw	2	100260-0-01		E-67	Screw	1	100105-0-05	
E-31	Set Collar	1	146581-0-01		E-68	Presser Foot Stopper	1	140504-0-01	
E-32	Bushing Right	1	148197-0-00		E-69	Screw	2	001660-5-12	
					E-70	Main Presser Arm	1	148149-0-01	
					E-71	Presser Arm Stopper	1	148148-0-01	
					E-72	Screw	2	009669-4-12	
					E-73	Pin	1	141393-0-01	

(NOTE! PREFIX ALL NUMBERS BY 'BR'.
EXAMPLE BR146222-0-01)

F. 801U001 Threading

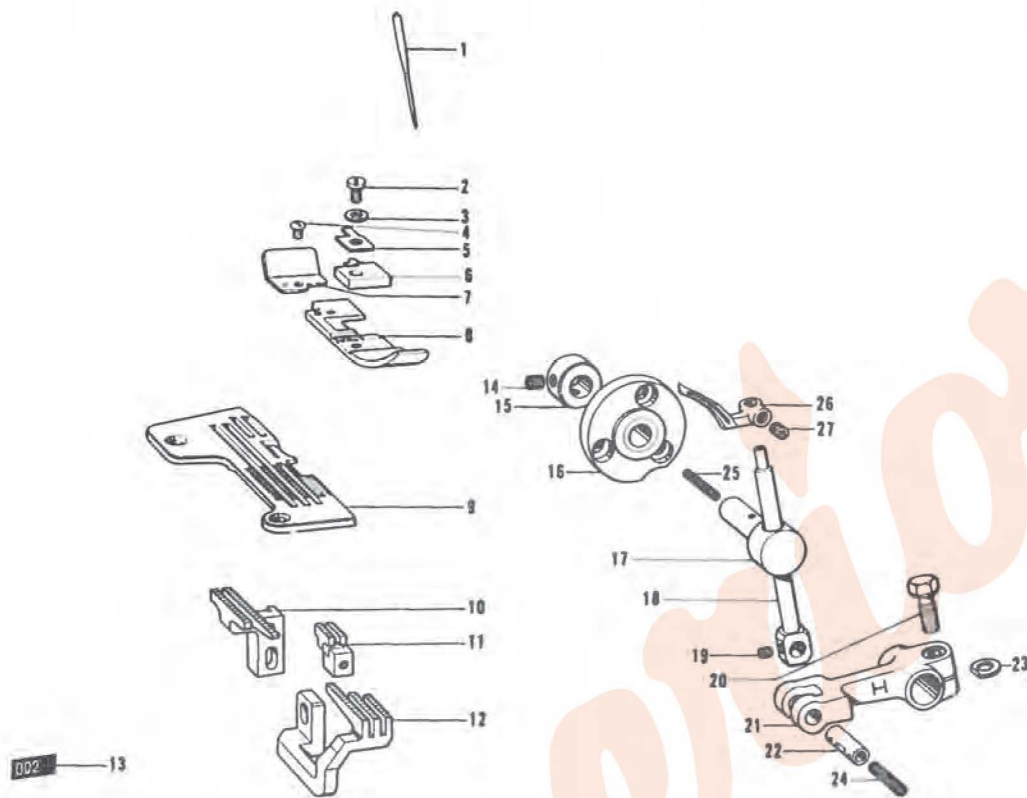


Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
F-1	Needle Thread Guide	1	147344-0-01		F-22	Thread Guide Holder	1	148253-0-01	
F-2	Needle Thread Guard	1	112300-0-01		F-23	Looper (Left Hand) Thread Guide	1	148926-0-02	
F-3	Needle Thread Guard Spring	1	112299-0-01		F-24	Screw	1	009670-6-12	
F-4	Screw	1	112301-0-01		F-25	Washer	1	144105-0-00	
F-5	Screw	1	009670-6-12		F-26	Spring	1	144110-0-01	
F-6	Needle Thread Take-up	1	144108-0-01		F-27	Tension Disc Washer	1	144103-0-02	
F-7	Washer	1	105248-0-03		F-28	Tension Disc	4	145146-0-01	
F-8	Screw	1	009669-3-12		F-29	Felt	2	110832-0-01	
F-9	Needle Thread Guide (A)	1	143757-0-01		F-30	Looper Thread Tension Control Stud	2	110820-0-01	
F-10	Screw	1	009670-8-12		F-31	Needle Thread Guide Plate	2	110813-0-01	
F-11	Thread Guide Supporter	1	146619-0-01		F-32	Screw	1	009670-6-12	
F-12	Looper Thread Tension Control Stud	1	110820-0-01		F-33	Looper (Right Hand) Thread Guide	1	148929-0-01	
F-13	Felt	1	110832-0-01		F-34	Looper (Right Hand) Thread Take-up (B)	1	146652-0-01	
F-14	Tension Disc	2	145146-0-01		F-35	Looper (Left Hand) Thread Take-up (B)	1	146653-0-01	
F-15	Tension Disc Washer	1	144103-0-02		F-36	Screw	1	009670-8-12	
F-16	Spring	1	144104-0-01		F-37	Screw	1	009670-6-12	
F-17	Washer	1	144105-0-00		F-38	Looper Thread Take-up (L)	1	146654-0-01	
F-18	Screw	1	009681-4-12		F-39	Screw	1	122771-0-02	
F-19	Main Thread Guide	1	148253-0-01		F-40	Looper (Right Hand) Thread Guide	1	148929-0-01	
F-20	Screw	1	013689-4-12		F-41	Thread Tension Adjusting Nut	1	147049-0-03	151201-0-03
					F-42	Color Plate	1	147049-0-03	
					F-43	Thread Tension Adjusting Nut	1	147049-0-03	151201-0-02
					F-44	Color Plate	1	147049-0-03	
					F-45	Thread Tension Adjusting Nut	1	147049-0-03	151201-0-04
					F-46	Color Plate	1	147049-0-03	

NOTE! PREFIX ALL NUMBERS BY 'BR'.
EXAMPLE BR146222-0-01

I. 801U002 (Bulky Knit Work)

This machine is the same as the 801U001 machine, with the following exceptions:

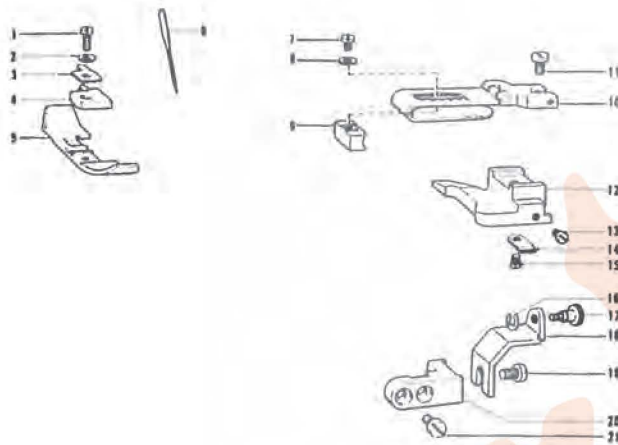


Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
I-1	Needle Cat. No. 6120 #11	1	151200-0-14	146898-0-01	I-14	Screw	2	014680-4-22	148217-0-01
I-2	Screw	1	100080-0-04		I-15	Set Collar	1		
I-3	Washer	1	025030-1-32		I-16	Looper (Right Hand) Holder Guide Base	1		
I-4	Screw	1	100105-0-05		I-17	Looper (Right Hand) Holder Guide Block	1		
I-5	Presser Foot Hinge Spring	1	146887-0-01		I-18	Looper (Right Hand) Holder	1		
I-6	Channoff Finger	1	146900-0-01		I-19	Screw	1	146427-0-01	
I-7	Presser Foot (Rear)	1	145774-0-01		I-20	Screw	1	149172-0-01	
I-8	Presser Foot	1			I-21	Looper (Right Hand) Driving Lever	1		
I-9	Throat Plate	1			I-22	Looper (Right Hand) Holding Shaft	1		
I-10	Main Feed (Back) Dog	1	148187-0-01		I-23	Spacer	1	148783-0-01	
I-11	Chain Feed Dog	1	148189-0-01		I-24	Wick	1	108809-0-01	
I-12	Differential Feed (Front) Dog	1	146750-0-01		I-25	Wick	1	148249-0-00	
I-13	Label	1			I-26	Looper (Right Hand)	1		147937-0-01
					I-27	Screw	1	014680-4-22	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

I. 801U003 (Blind Stitch Hemming)

This machine is the same as the 801U001 machine, with the following exceptions:



003 11

Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
I- 1	Screw	1	100080-0-04	146890-0-01
I- 2	Washer	1	025030-1-32	
I- 3	Presser Foot Hinge Spring	1	146887-0-01	
I- 4	Chamming-off Finger	1	146892-0-01	
I- 5	Presser Foot	1		
I- 6	Needle Cat. No. 6120 #9	1	151200-0-09	151173-0-01
I- 7	Screw	1	009660-4-12	
I- 8	Washer	1	025030-2-32	
I- 9	Blind Stitch Hemming Guide Adjuster	1	150339-0-01	
I-10	Blind Stitch Hemming Guide A Assembly	1	150351-0-01	
I-11	Screw	1	001670-6-14	147710-0-01
I-12	Blind Stitch Hemming Guide	1	147711-0-01	
I-13	Screw	1	111443-0-01	
I-14	Flat Spring	1	147713-0-01	
I-15	Screw	1	009679-3-12	
I-16	Stop Ring	1	048030-3-42	
I-17	Adjusting Screw	1	146759-0-01	
I-18	Blind Stitch Hemming Guide Fitting Holder	1	147712-0-01	
I-19	Screw	1	009680-7-12	
I-20	Supporter for Blind Stitch Hemming Guide Fitting	2	146760-0-01	
I-21	Screw	2	009670-6-12	
I-22	Label	1		

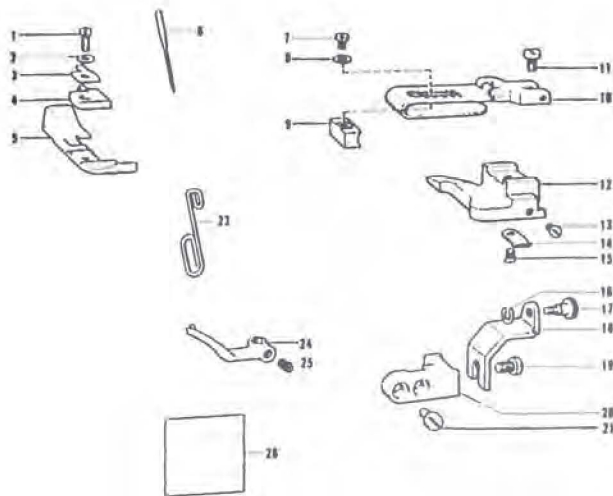
[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
EXAMPLE BR146222-0-01]

J. 801U004 (Blind Stitch Hemming)

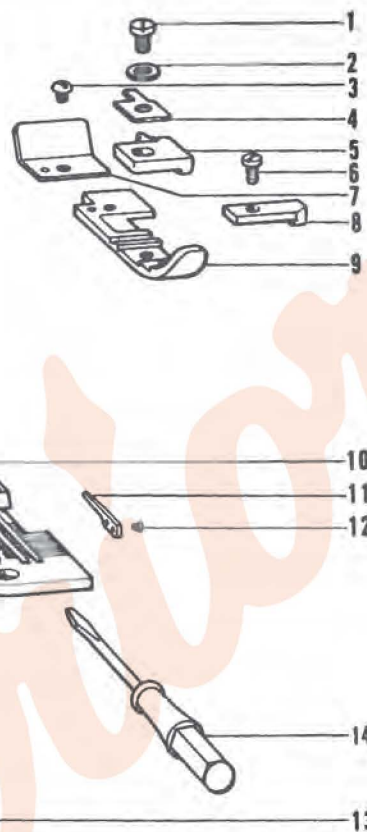
This machine is the same as the 801U001 machine, with the following exceptions:

J'. 801U007 (Turn-down Hemming)

This machine is the same as the 801U001 machine, with the following exceptions:



004-22



007-

Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
J-1	Screw	1	100080-0-04	146890-0-01
J-2	Washer	1	025030-1-32	
J-3	Presser Foot Hinge Spring	1	146887-0-01	
J-4	Chaining-off Finger	1	146882-0-01	
J-5	Presser Foot	1		
J-6	Needle Cat. No. 6130 #9	1	151700-0-00	151173-0-01
J-7	Screw	1	009660-4-12	
J-8	Washer	1	025030-5-32	
J-9	Blind Stitch Hemming Guide Adjuster	1	150339-0-01	
J-10	Blind Stitch Hemming Guide A Assembly	1	150351-0-01	
J-11	Screw	1	001670-6-14	147710-0-01
J-12	Blind Stitch Hemming Guide	1	147711-0-01	
J-13	Screw	1	111443-0-01	
J-14	Flat Spring	1	147713-0-01	
J-15	Screw	1	009679-5-12	
J-16	Stop Ring	1	048030-3-62	147935-0-01
J-17	Adjusting Screw	1	146759-0-01	
J-18	Blind Stitch Hemming Guide Fitting Holder	1	147712-0-01	
J-19	Screw	1	009680-7-12	
J-20	Supporter for Blind Stitch Hemming Guide Fitting	1	146760-0-01	
J-21	Screw	2	009670-6-12	147935-0-01
J-22	Label	1		
J-23	Needle Thread Take-up	1	142201-0-01	
J-24	Spreader	1		
J-25	Screw	1	014580-4-22	
J-26	Threading Diagram	1	138092-0-01	

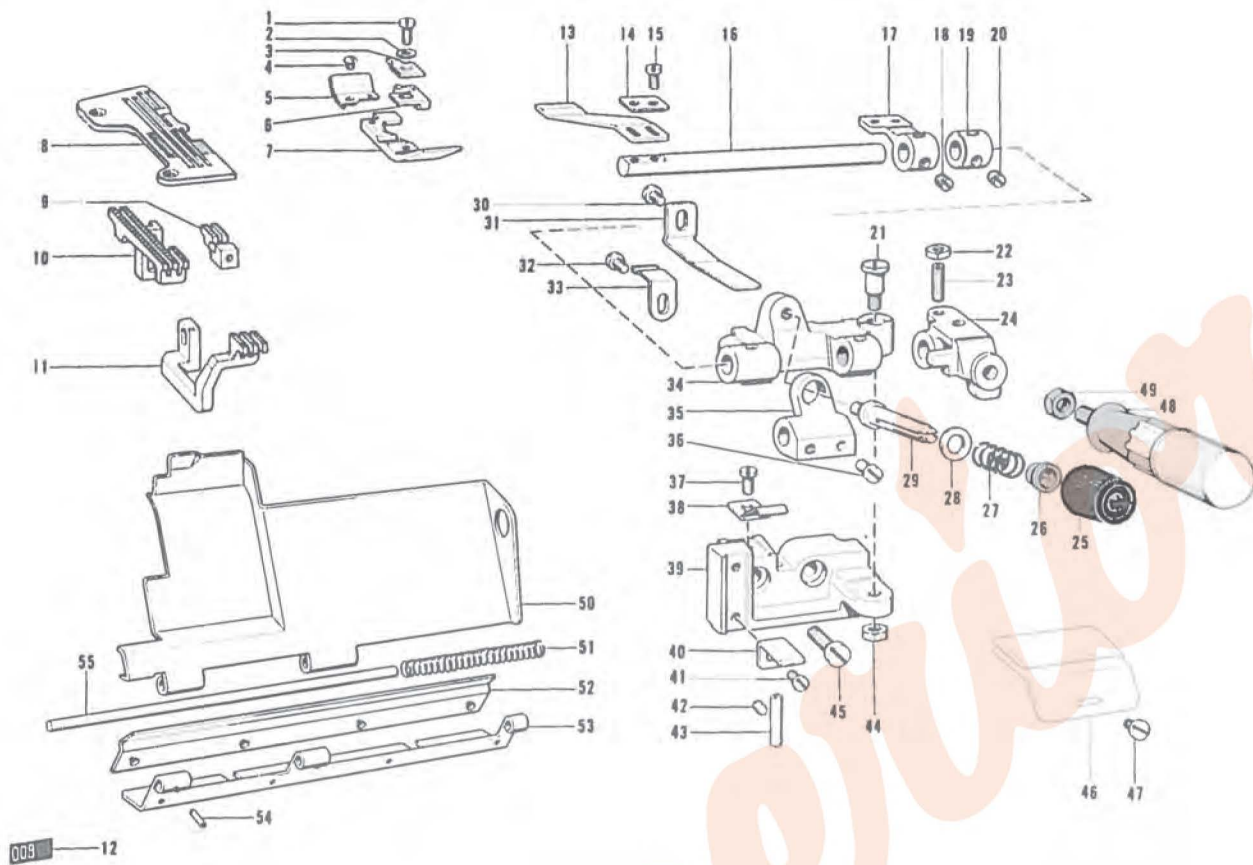
[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
J'-1	Screw	1	100080-0-04	148311-1-01
J'-2	Washer	1	025030-1-32	
J'-3	Screw	1	100105-0-05	
J'-4	Presser Foot Hinge Spring	1	146887-0-01	
J'-5	Chaining-off Finger	1	148313-0-01	
J'-6	Screw	1	009639-3-12	148311-1-01
J'-7	Presser Foot (Rear)	1	146889-0-01	
J'-8	Presser Foot (Front)	1	146888-0-01	
J'-9	Presser Foot	1		
J'-10	Throat Plate	1		
J'-11	Chaining-off Finger Plate	1	148354-0-01	148311-1-01
J'-12	Screw	1	148355-0-01	
J'-13	Label	1		
J'-14	Screw Driver	1	148925-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

K. 801U008 (Ruffling)

This machine is the same as the 801U001 machine, with the following exceptions

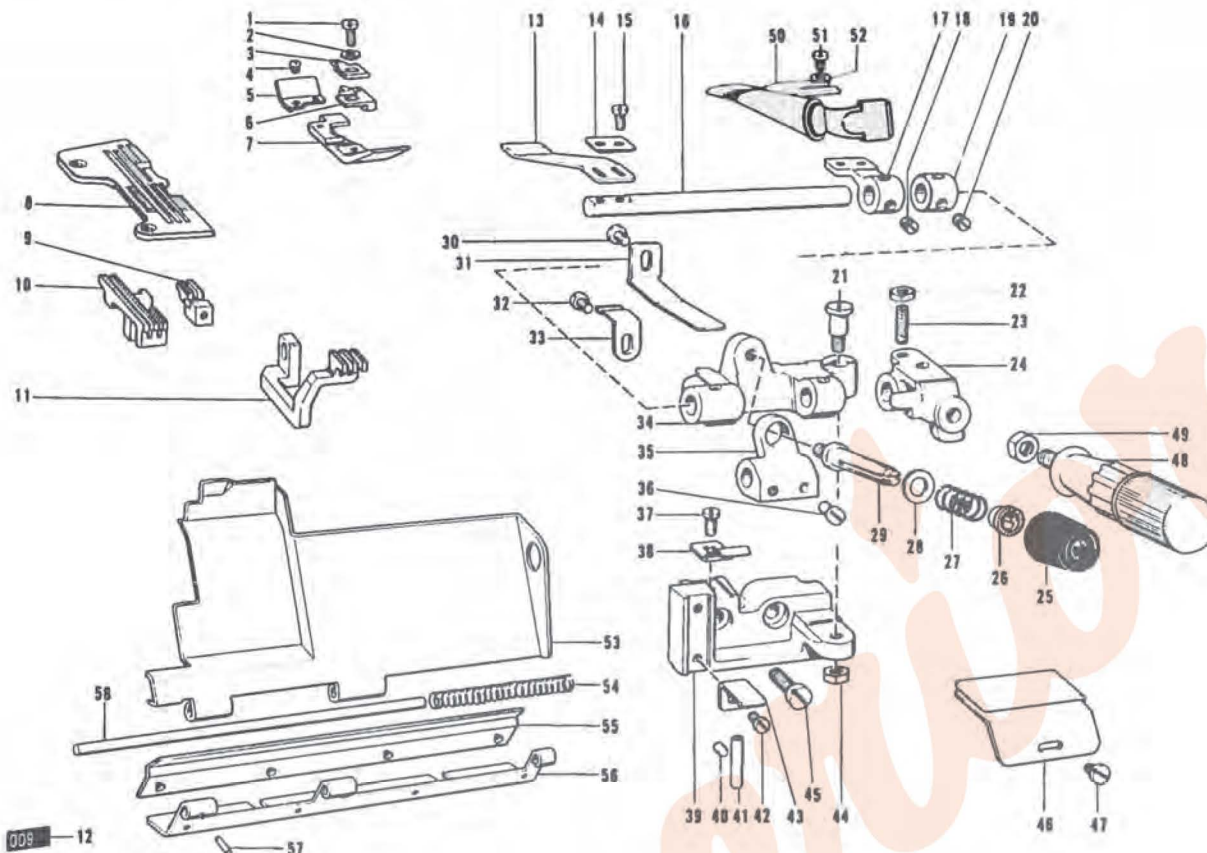


No.	Name of Parts	Qty	Parts No.	Assembly No.	No.	Name of Parts	Qty	Parts No.	Assembly No.
K-1	Screw	1	100080-0-01	144811-0-01	K-1	Screw	1	144811-0-01	144811-0-01
K-2	Washer	1	025030-1-02		K-2	Washer	1	144811-0-01	
K-3	Presser Foot Plate	1	144091-0-01		K-3	Presser Foot Plate	1	144091-0-01	
K-4	Screw	1	100100-0-01		K-4	Screw	1	100100-0-01	
K-5	Presser Foot Chain Shield	1	144100-0-01		K-5	Presser Foot Chain Shield	1	144100-0-01	
K-6	Chamming-off Finger	1	144813-0-01	181995-0-02	K-6	Chamming-off Finger	1	144813-0-01	181995-0-02
K-7	Presser Foot (U)	1			K-7	Presser Foot (U)	1		
K-8	Throat Plate	1			K-8	Throat Plate	1		
K-9	Chain Feed Dog	1	148189-0-01		K-9	Chain Feed Dog	1	148189-0-01	
K-10	Main Feed (Back) Dog	1	148188-0-01		K-10	Main Feed (Back) Dog	1	148188-0-01	
K-11	Differential Feed (Front) Dog	1	146751-0-01	146587-0-02	K-11	Differential Feed (Front) Dog	1	146751-0-01	146587-0-02
K-12	Label	1			K-12	Label	1		
K-13	Ruffling Blade	1	144783-0-01		K-13	Ruffling Blade	1	144783-0-01	
K-14	Washer	1	144784-0-01		K-14	Washer	1	144784-0-01	
K-15	Screw	2	009660-7-12		K-15	Screw	2	009660-7-12	
K-16	Ruffling Blade Base Shaft	1	145803-0-01	146442-0-01	K-16	Ruffling Blade Base Shaft	1	145803-0-01	146442-0-01
K-17	Binder Base	1			K-17	Binder Base	1		
K-18	Screw	2	101706-0-01		K-18	Screw	2	101706-0-01	
K-19	Set Collar	1			K-19	Set Collar	1		
K-20	Screw	2	101706-0-01		K-20	Screw	2	101706-0-01	
K-21	Screw	1	147933-0-01	146440-0-01	K-21	Screw	1	147933-0-01	146440-0-01
K-22	Nut	1	105234-0-03		K-22	Nut	1	105234-0-03	
K-23	Screw	1	110230-0-01		K-23	Screw	1	110230-0-01	
K-24	Handle Fixing Plate	1			K-24	Handle Fixing Plate	1		
K-25	Thread Tension Adjusting Nut	1	149566-0-02		K-25	Thread Tension Adjusting Nut	1	149566-0-02	
K-26	Front Cover (Range)	1		146441-0-00	K-26	Front Cover (Range)	1		146441-0-00
K-27	Front Cover (Range)	1			K-27	Front Cover (Range)	1		
K-28	Front Cover (Range)	1			K-28	Front Cover (Range)	1		
K-29	Front Cover (Range)	1			K-29	Front Cover (Range)	1		
K-30	Front Cover (Range)	1			K-30	Front Cover (Range)	1		

NOTE! PREFIX ALL NUMBERS BY 'BR'.
EXAMPLE BR146222-0 01

L. 801U009 (Ruffling (W/Piping))

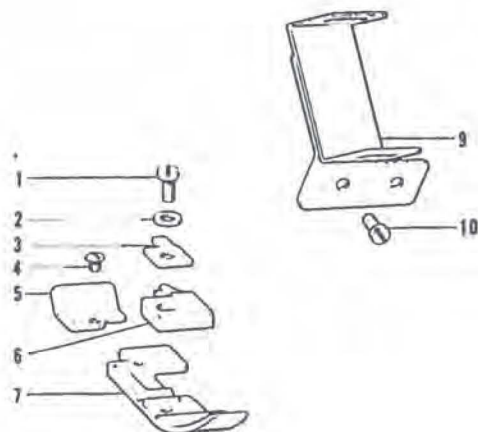
This machine is the same as the 801U001 machine, with the following exceptions:



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
L-1	Screw	1	100080-0-04	147433-0-01	L-27	Spring	1	144788-0-01	146387-0-02
L-2	Washer	1	025030-1-32		L-28	Washer	1	025770-2-33	
L-3	Presser Foot Plate	1	144091-0-01		L-29	Looper Thread Tension Control Stud	1	110820-0-01	
L-4	Screw	1	100105-0-05		L-30	Screw	1	009680-6-12	
L-5	Presser Foot Chain Shield	1	144100-0-01		L-31	Spring	1	145811-0-01	
L-6	Chaining-off Finger	1	144813-0-01		L-32	Screw	4	001670-5-12	
L-7	Presser Foot	1			L-33	Spring	1	144764-0-01	
L-8	Throat Plate	1			L-34	Bracket for Ruffling Blade	1		
L-9	Chain Feed Dog	1	148753-0-01		L-35	Spring Base	1		
L-10	Main Feed (Back) Dog	1	148754-0-01		L-36	Screw	2	105163-0-01	
L-11	Differential Feed (Front) Dog	1	146751-0-01		L-37	Screw	1	009680-6-12	
L-12	Label	1		L-38	Spring	1	145808-0-01	148079-0-01	
L-13	Ruffling Blade	1	144783-0-01	L-39	Ruffler Base	1			
L-14	Washer	1	144784-0-01	L-42	Screw	2	009680-6-12		
L-15	Screw	2	009660-7-12	L-43	Ruffling Blade Guide	2	145807-0-01		
L-16	Ruffling Blade Base Shaft	1	145803-0-01	L-40	Screw	1	013674-4-11		
L-17	Binder Base	1		L-41	Thread Guide Pipe	1	146592-0-01		
L-18	Screw	2	101706-0-01	L-44	Nut	1	150553-0-02		
L-19	Set Collar	1		L-45	Screw	3	009781-8-12		
L-20	Screw	2	101706-0-01	L-46	Ruffler Guide	1	144793-0-00		
L-21	Screw	1	147933-0-01	L-47	Screw	1	112751-0-02		
L-22	Nut	1	105234-0-03	L-48	Handle	1	145809-0-01		
L-23	Screw	1	110230-0-01	L-49	Nut	1	150556-0-02		
L-24	Handle Fixing Plate	1		L-50	Binder	1	147440-0-00		
L-25	Thread Tension Adjusting Nut	1	149566-0-02	L-51	Screw	1	009680-6-12		
L-26	Washer	1	144105-0-00	L-52	Washer	2	110735-0-02		
NOTE! PREFIX ALL NUMBERS BY 'BR'. EXAMPLE BR146222-0-01					L-53	Front Cover	1		
					L-54	Spring	1	146442-0-01	
					L-55	Hinge Cover	1	148986-0-01	
					L-56	Front Cover Hinge	1	146440-0-01	
					L-57	Pin	1	047140-3-42	
					L-58	Front Cover Hinge Pin	1	146441-0-00	

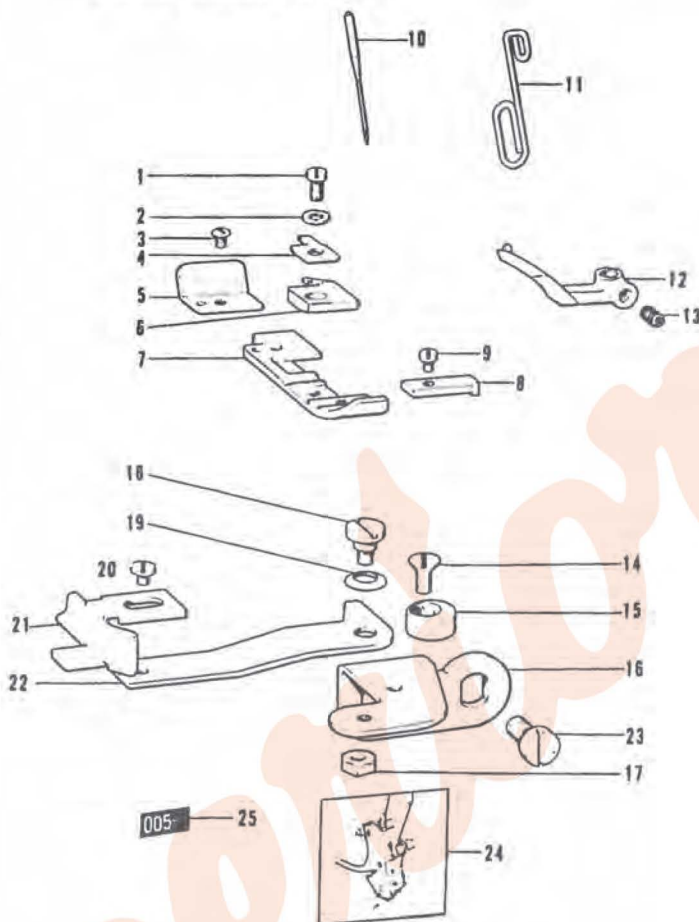
M. 801U010 (Taping on Light, Medium Work)

This machine is the same as the 801U001 machine, with the following exceptions:



M'. 801U005 (Serging)

This machine is the same as the 801U001 machine, with the following exceptions:



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
M. 1	Screw	1	100080-0-04	146895-0-01
M. 2	Washer	1	025030-1-32	
M. 3	Presser Foot Hinge Spring	1	146887-0-01	
M. 4	Screw	1	100105-0-05	
M. 5	Presser Foot (Rear)	1	145774-0-01	
M. 6	Chaining-off Finger	1	146897-0-01	
M. 7	Presser Foot	1		
M. 8	Label	1		
M. 9	Tape Guide	1	146883-0-01	
M. 10	Screw	2	009669-4-12	

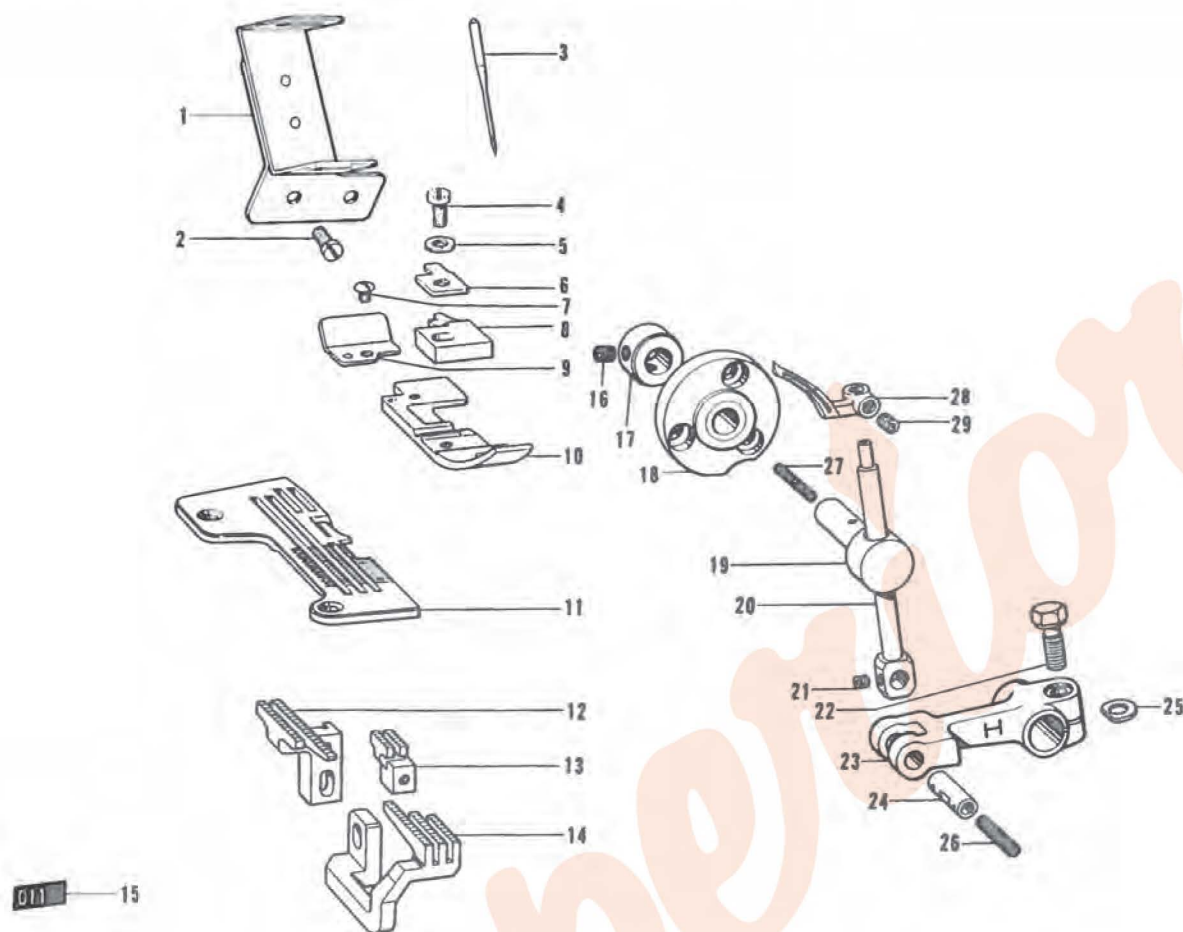
[NOTE! PREFIX ALL NUMBERS BY 'BR']
EXAMPLE BR146222-0-01

Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
M'. 1	Screw	1	100080-0-04	146893-0-01
M'. 2	Washer	1	025030-1-32	
M'. 3	Screw	1	100105-0-05	
M'. 4	Presser Foot Hinge Spring	1	146887-0-01	
M'. 5	Presser Foot (Rear)	1	146889-0-01	
M'. 6	Chaining-off Finger	1	146894-0-01	
M'. 7	Presser Foot	1		
M'. 8	Presser Foot (Front)	1	146888-0-01	
M'. 9	Screw	1	009639-3-12	
M'. 10	Needle Cat. No. 6120 #14	1	151200-0-14	
M'. 11	Needle Thread Take-up	1	142201-0-01	147935-0-01
M'. 12	Spreader	1		
M'. 13	Screw	1	014680-4-22	
M'. 14	Screw	1	005710-8-12	
M'. 15	Presser Arm Stopper	1	144088-0-01	
M'. 16	Guide Supporter	1	146599-0-01	
M'. 17	Nut	1	021680-2-02	
M'. 18	Stud Screw	1	146597-0-01	
M'. 19	Spring Washer	1	146598-0-01	
M'. 20	Screw	1	009679-3-12	
M'. 21	Guide	1	146762-0-01	146761-0-01
M'. 22	Guide Set Plate	1	146596-0-01	
M'. 23	Screw	2	110201-0-01	
M'. 24	Threading Diagram	1	148092-0-01	
M'. 25	Label	1		

[NOTE! PREFIX ALL NUMBERS BY 'BR']
EXAMPLE BR146222-0-01

N. 801U011- (Taping on Bulky Knit Work)

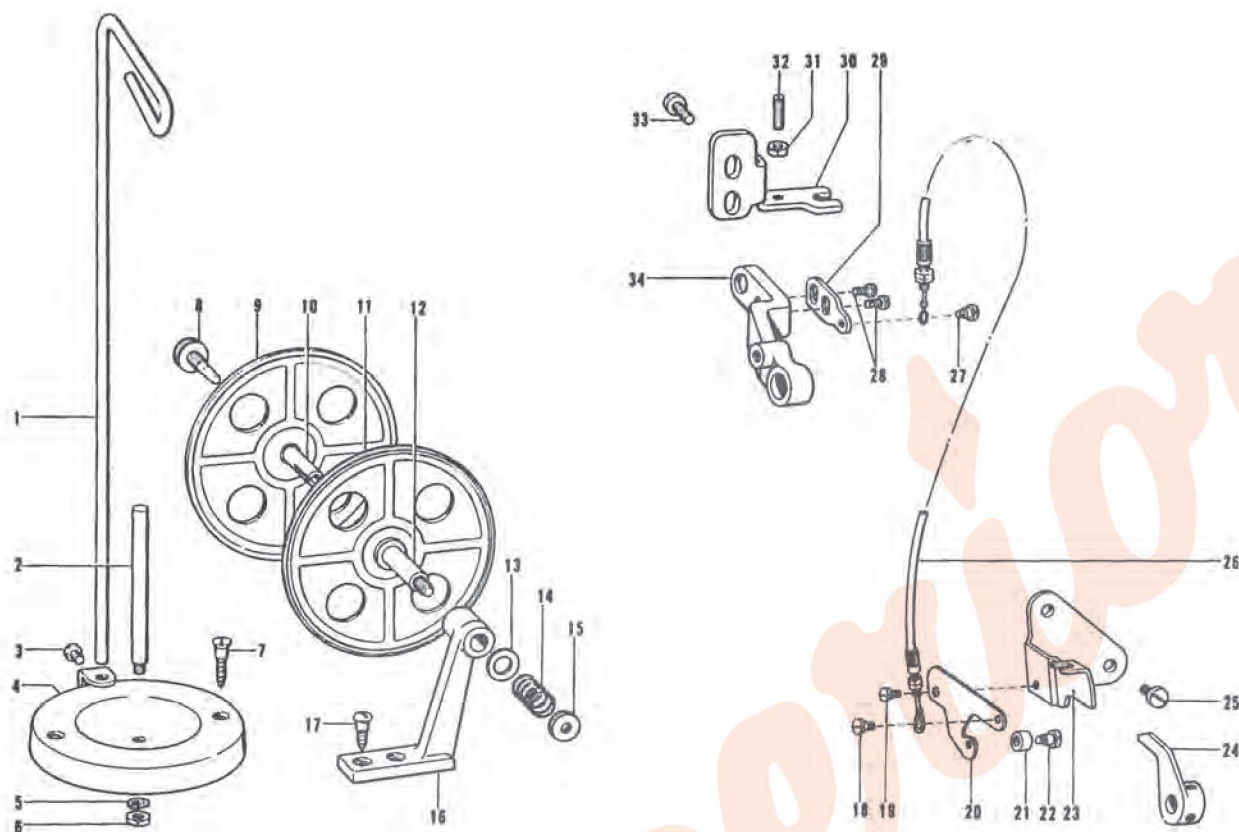
This machine is the same as the 801U001- machine, with the following exceptions :



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
N-1	Tape Guide	1	146883-0-01	146895-0-01	N-16	Screw	2	014680-4-22	148217-0-01
N-2	Screw	2	009669-4-12		N-17	Set Collar	1		
N-3	Needle Cat. No. 6120 #14	1	151200-0-14		N-18	Looper (Right Hand) Holder Guide Base	1		
N-4	Screw	1	100080-0-04		N-19	Looper (Right Hand) Holder Guide Block	1		
N-5	Washer	1	025030-1-32		N-20	Looper (Right Hand) Holder	1		
N-6	Presser Foot Hinge Spring	1	146887-0-01		N-21	Screw	1	146427-0-01	
N-7	Screw	1	100105-0-05		N-22	Screw	1	149172-0-01	
N-8	Chaining-off Finger	1	146900-0-01		N-23	Looper (Right Hand) Driving Lever	1		
N-9	Presser Foot (Rear)	1	145774-0-01		N-24	Looper (Right Hand) Holding Shaft	1		
N-10	Presser Foot	1			N-25	Spacer	1	148783-0-01	
N-11	Throat Plate	1			N-26	Wick	1	108809-0-01	
N-12	Main Feed (Back) Dog	1	148187-0-01		N-27	Wick	1	148249-0-00	
N-13	Chain Feed Dog	1	148189-0-01		N-28	Looper (Right Hand)	1		147937-0-01
N-14	Differential Feed (Front) Dog	1	146750-0-01		N-29	Screw	1	014680-4-22	
N-15	Label	1							

(NOTE! PREFIX ALL NUMBERS BY 'BR'.)
EXAMPLE BR146222-0-01

P. Cord Guide and Ruffler Interlocking Parts Assembly



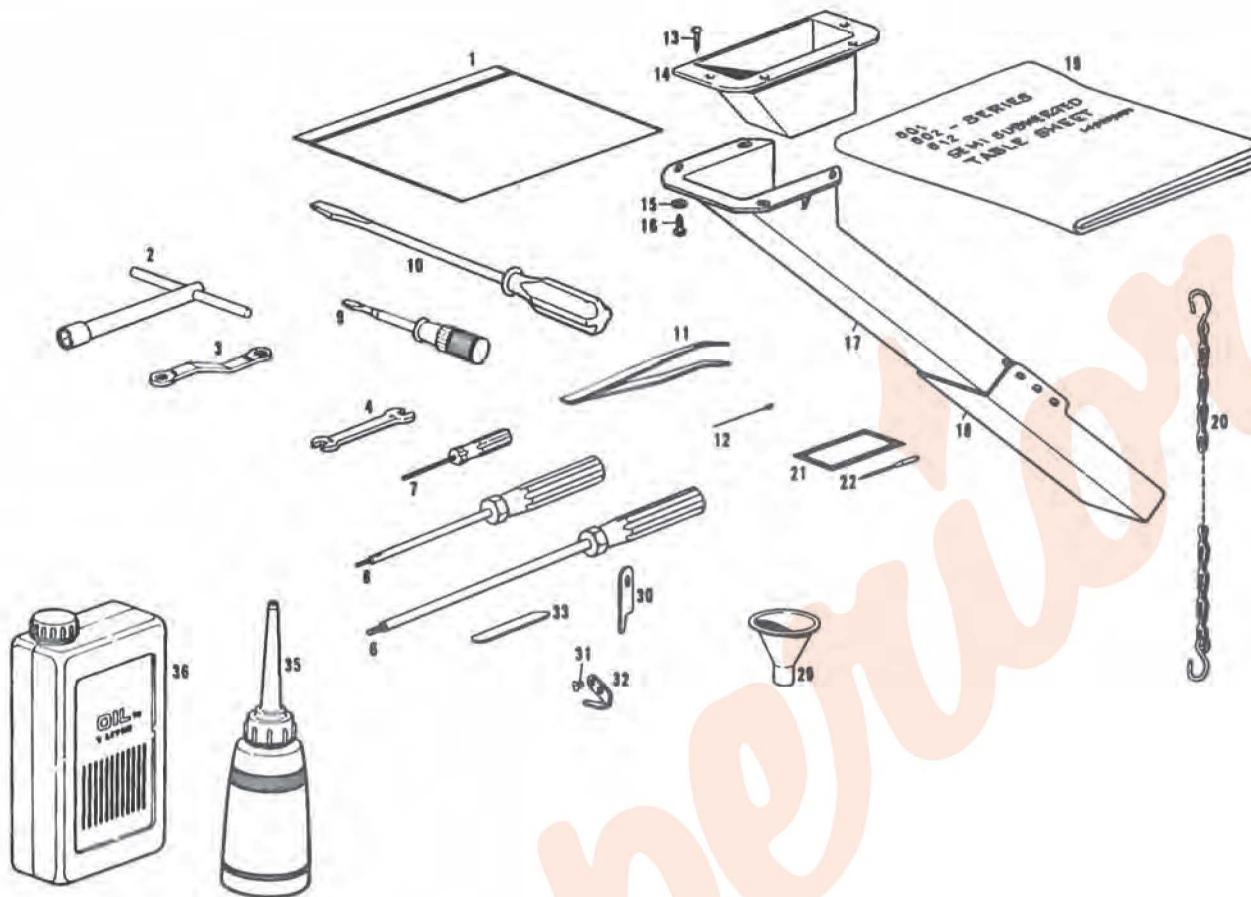
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
P-1	Thread Guide	1	109853-0-01	109854-0-01	P-18	Screw	1	141514-0-01	148395-0-01
P-2	Spool Stand	1	100444-0-02		P-19	Screw	1	141514-0-01	
P-3	Screw	1	100080-0-02		P-20	Ruffling Plate Lifter Lever	1	148388-0-01	
P-4	Disc for Spool	1	109852-0-01		P-21	Roller	1	148390-0-01	
P-5	Washer	1	028050-2-42		P-22	Screw	1	112301-0-01	
P-6	Nut	1	110161-0-03	181031-0-01	P-23	Presser Foot Lifter Lever Support	1	148389-0-01	151238-0-02
P-7	Screw	2	100447-0-01		P-24	Presser Foot Lifter	1	148387-0-01	
P-8	Screw	1	143980-0-01	143978-0-01	P-25	Screw	1	009680-8-12	
P-9	Tape Winder Wheel (L)	1			P-26	Flexible Wire Assembly	1	149253-0-01	
P-10	Tape Winder Shaft (L)	1		143976-0-01	P-27	Screw	1	141514-0-01	
P-11	Tape Winder Wheel (R)	1			P-28	Screw	2	009670-6-12	
P-12	Tape Winder Shaft (R)	1		143767-0-02	P-29	Wire Plate	1	149255-0-01	
P-13	Washer	1	108494-0-01		P-30	Lever Adjuster Plate	1	149257-0-01	
P-14	Spring	1	108495-0-01		P-31	Nut	1	110161-0-06	
P-15	Nut	1	100136-0-01		P-32	Screw	1	011711-4-12	
P-16	Tape Winder Bracket	1	143750-0-02		P-33	Screw	2	009761-0-12	
P-17	Screw	2	101118-0-01		P-34	Presser Foot Lifter Lever	1	149256-0-01	

★ Above-mentioned parts are accessories for 801U-009-○-802U-037-○ Piping Ruffler.

★ The parts of P-18~34 are for 801U-008-○-802U-033-○ Ruffler.

[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

Y. Accessories

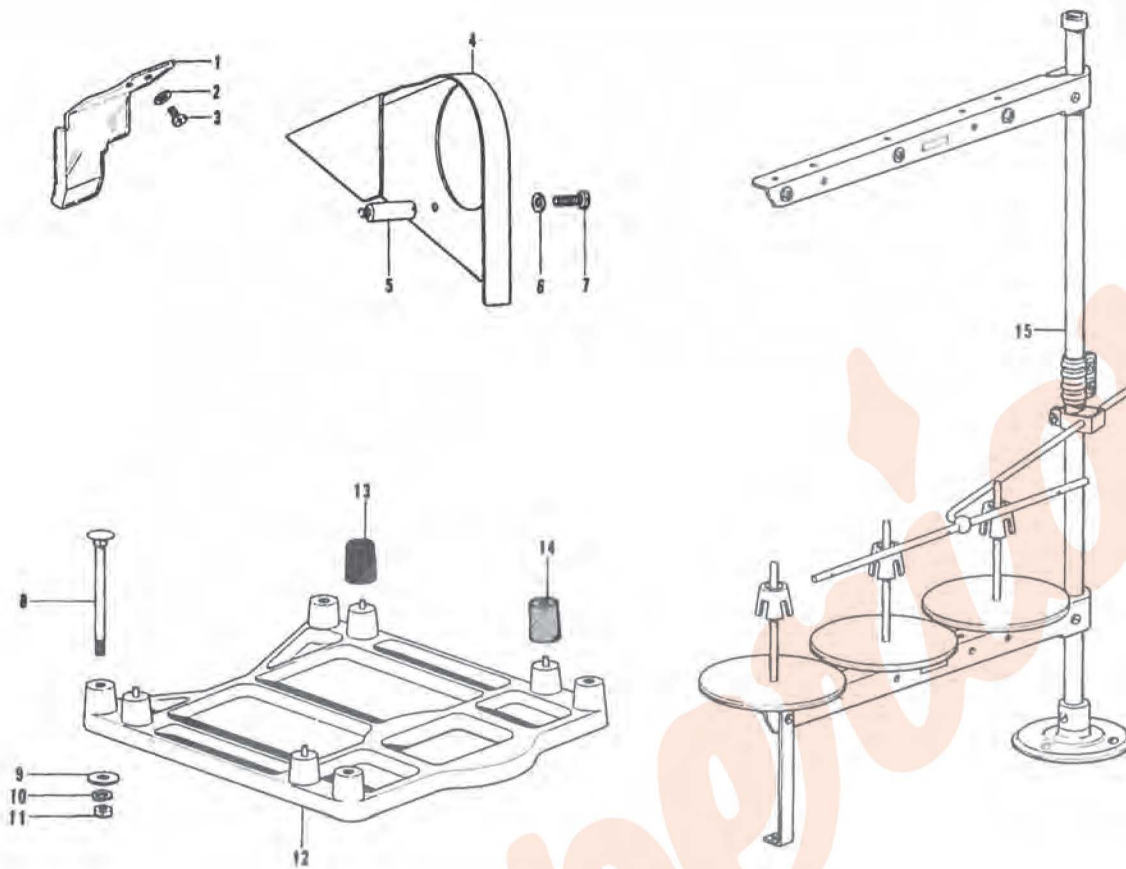


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
Y-1	Vinyl Bag	1	122991-0-02		Y-18	Chip Chute (S)	1	148432-0-01	
Y-2	Wrench	1	140342-0-01		Y-19	Table Sheet	1	148258-0-02	
Y-3	Wrench	1	105343-0-01		Y-20	Chain Assembly	1	142262-0-01	
Y-4	Wrench 6x7	1	107779-0-01		Y-21	Needle Envelope			
Y-6	Screw Driver for Socket Head	1	149173-0-01		Y-22	Needle Cat. No. 6120		151206-	
Y-7	Screw Driver for Socket Head	1	144124-0-01		Y-29	Funnel	1	140759-0-00	
Y-8	Screw Driver for Socket Head	1	146700-0-01		Y-30	Upper Knife (Movable)	1	148198-0-01	
Y-9	Screw Driver	1	118837-0-01		Y-31	Screw	2	141542-0-01	
Y-10	Screw Driver	1	101572-1-01		Y-32	Chain Cutter	1	148259-0-01	
Y-11	Tweezers	1	117466-0-00		Y-33	Lower Knife (Stationary)	1	112436-0-01	
Y-12	Threader	1	142125-0-00		Y-35	Oiler	1	114483-0-02	
Y-13	Screw	4	031311-3-02		Y-36	Oil Vessel	1	145277-1-04	
Y-14	Chip Chute Bracket	1	148430-0-01						
Y-15	Washer	4	025680-2-32						
Y-16	Screw	4	009681-0-12						
Y-17	Chip Chute (L)	1	148431-0-01						

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
EXAMPLE BR146222-0-01]

Ref. No.	Name of Parts	801U	802U
Y-21	Needle Envelope	1	2
Y-22	Needle (Cat. No. 6120, 8538 and 6122)	5	10

Z. Machine Base Plate and Thread Unwinder 3THF



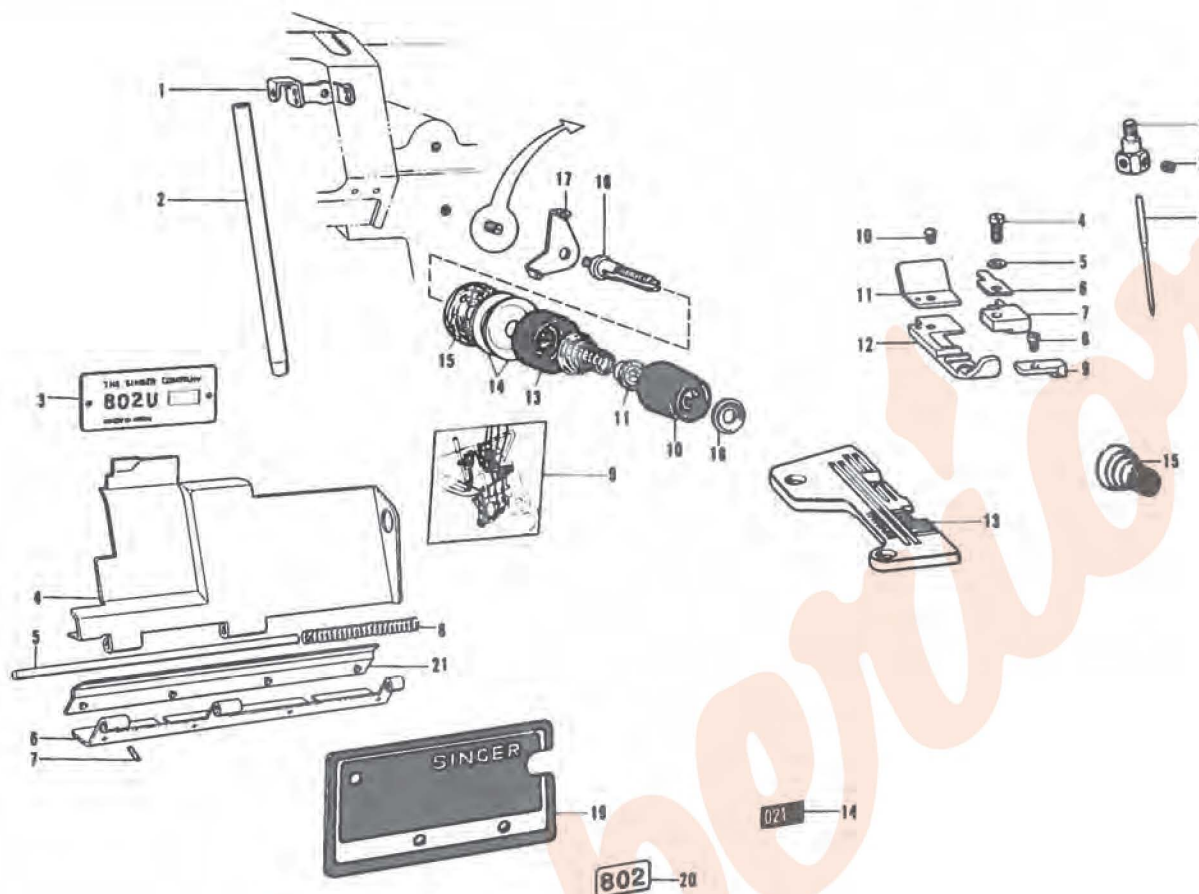
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
Z- 1	Eye Guard	1		151017-0-01	Z- 9	Washer	4	025080-2-36	
Z- 2	Washer	2	025030-2-32		Z-10	Washer	4	028080-2-42	
Z- 3	Screw	2	009660-5-12		Z-11	Nut	4	021080-1-06	
Z- 4	Belt Cover	1			Z-12	Machine Base Plate	1	148433-0-00	
Z- 5	Belt Cover Stud	2	148042-0-01	148348-0-01	Z-13	Rubber Cushion	1	147919-0-01	
Z- 6	Washer	2	113431-0-02		Z-14	Rubber Cushion	3	147919-0-02	
Z- 7	Screw	2	009681-0-12		Z-15	Thread Unwinder 3THF	1	150160-0-02	
Z- 8	Screw	4	210973-0-01						

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

a. Common Parts for All 802U Varieties.

b. 802U021 - Needle Gauge 1.8mm (Light Work)

This machine is the same as the 801U001 (A-F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
a-1	Needle Thread Guide	1	146793-0-01	
a-2	Needle Bar	1	146483-0-01	
a-3	Model Plate 802U	1		
a-4	Front Cover	1		
a-5	Front Cover Hinge Pin	1	146441-0-01	
a-6	Front Cover Hinge	1	146440-0-01	
a-7	Pin	1	047140-8-42	148985-0-01
a-8	Spring	1	146442-0-01	
a-21	Hinge Cover	1	148984-0-01	
a-9	Threading Diagram	1	148098-0-01	
a-10	Thread Tension Adjusting Nut	1		151201-0-01
a-18	Color Plate	1	147049-0-01	
a-11	Washer	1	144105-0-00	
a-13	Tension Disc Washer	1	144103-0-02	
a-14	Tension Disc	2	145446-0-01	
a-15	Felt	1	110832-0-01	
a-16	Looper Thread Tension Control Stud	1	110820-0-01	
a-17	Needle Thread Guide Plate	1	110813-0-01	
a-19	Name Plate F	1		
a-20	Model No. Label	1		

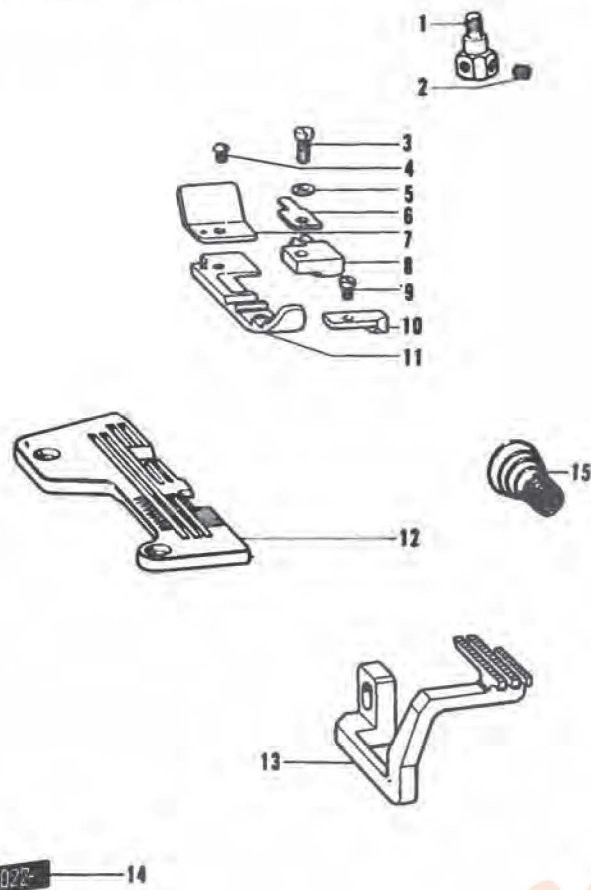
[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
b-1	Needle Clamp 1.8	1		146771-0-01
b-2	Screw	2	146427-0-01	
b-3	Needle Cat. No. 8538 #11	2	151206-0-11	
b-4	Screw	1	100080-0-04	
b-5	Washer	1	025030-1-32	
b-6	Presser Foot Hinge Spring	1	146887-0-01	
b-7	Chaining-off Finger	1	146964-0-01	146963-0-01
b-8	Screw	1	009639-3-12	
b-9	Presser Foot (Front)	1	146888-0-01	
b-10	Screw	1	100105-0-05	
b-11	Presser Foot (Rear)	1	146889-0-01	
b-12	Presser Foot	1		
b-13	Throat Plate	1		
b-14	Label	1		
b-15	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

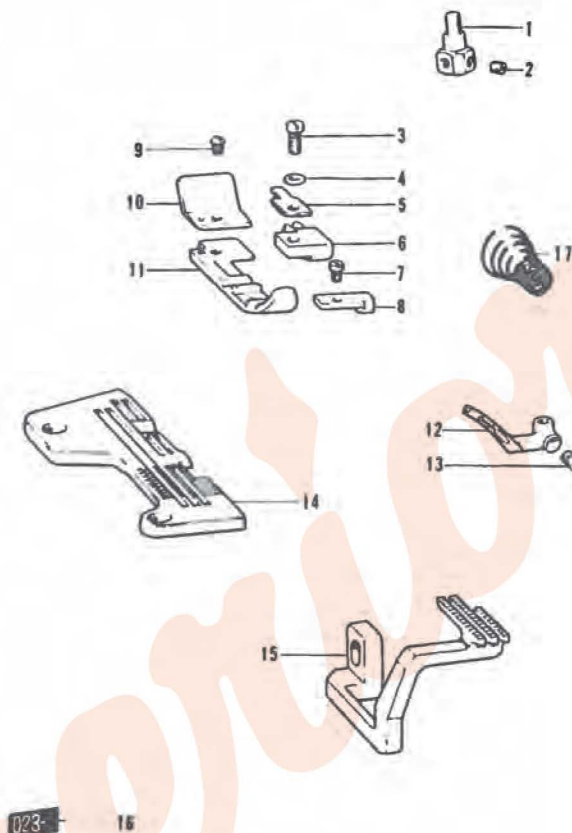
**C. 802U022- Needle Gauge 2.2mm
(Light and Medium Work)**

This machine is the same as the 801U001 (A-F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :



**C'. 802U023- Needle Gauge 2.2mm
(Light and Medium Work)**

This machine is the same as the 801U001 (A-F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
c-1	Needle Clamp 2.2	1		146773-0-01
c-2	Screw	2	146427-0-01	
c-3	Screw	1	100080-0-04	146902-0-01
c-4	Screw	1	100105-0-05	
c-5	Washer	1	025030-1-32	
c-6	Presser Foot Hinge Spring	1	146887-0-01	
c-7	Presser Foot (Rear)	1	146889-0-01	
c-8	Chaining-off Finger	1	146903-0-01	147936-0-01
c-9	Screw	1	009639-3-12	
c-10	Presser Foot (Front)	1	146888-0-01	
c-11	Presser Foot	1		
c-12	Throat Plate	1		
c-13	Differential Feed (Front) Dog	1	146749-0-01	
c-14	Label	1		
c-15	Spring	1	144104-0-01	

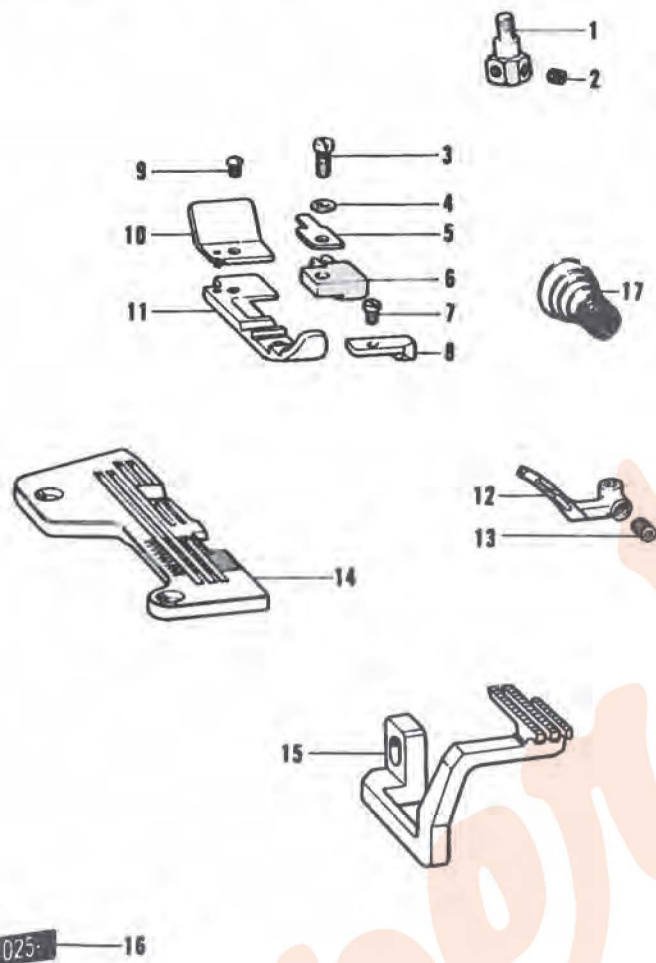
[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
c'-1	Needle Clamp 2.2	1		146773-0-01
c'-2	Screw	2	146427-0-01	
c'-3	Screw	1	100080-0-04	146902-0-01
c'-4	Washer	1	025030-1-32	
c'-5	Presser Foot Hinge Spring	1	146887-0-01	
c'-6	Chaining-off Finger	1	146903-0-01	
c'-7	Screw	1	009639-3-12	
c'-8	Presser Foot (Front)	1	146888-0-01	147936-0-01
c'-9	Screw	1	100105-0-05	
c'-10	Presser Foot (Rear)	1	146889-0-01	
c'-11	Presser Foot	1		
c'-12	Looper	1		
c'-13	Screw	1	014680-4-22	
c'-14	Throat Plate	1		
c'-15	Differential Feed (Front) Dog	1	146749-0-01	
c'-16	Label	1		
c'-17	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

d. 802U025 Needle Gauge 3mm
(Medium and Heavy Work)

This machine is the same as the 801U001 (A F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :

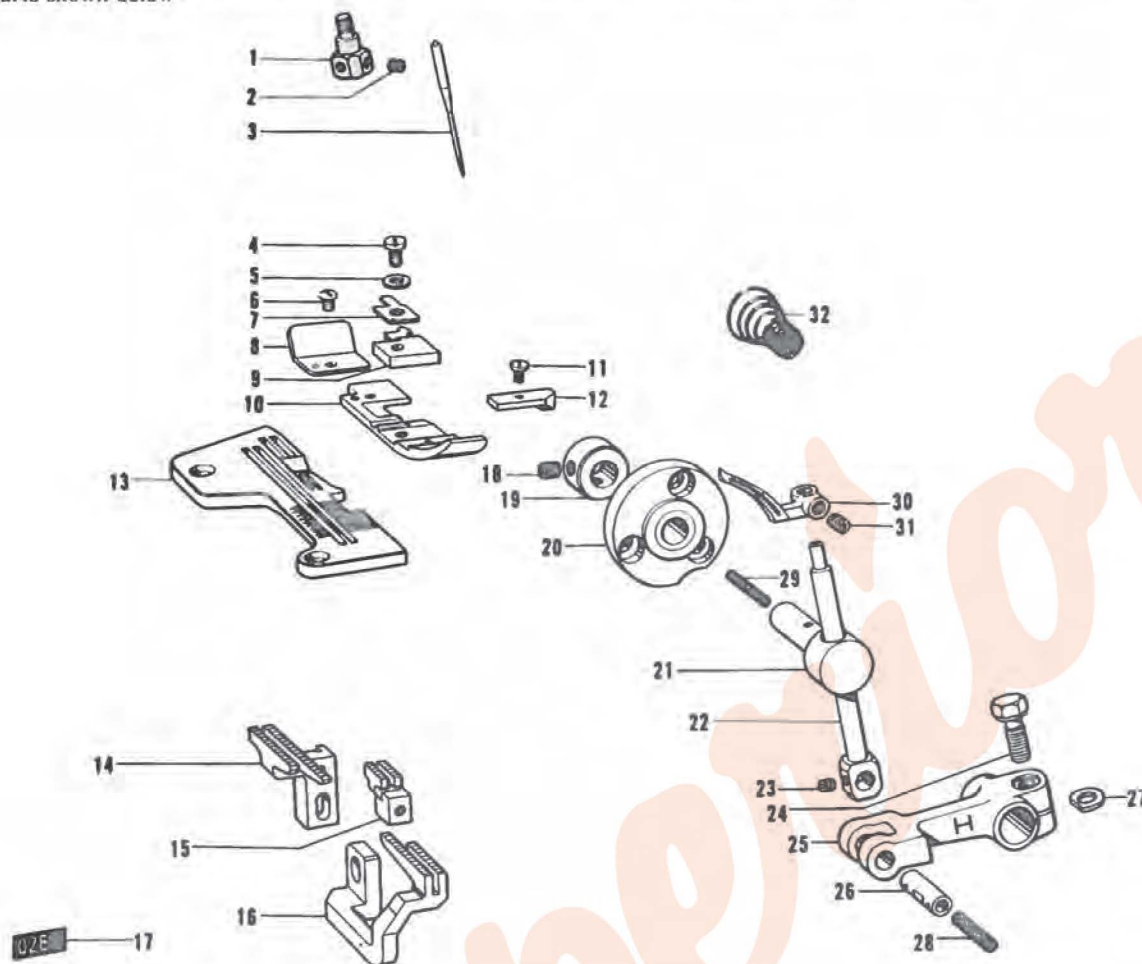


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
d- 1	Needle Clamp 3	1		146775-0-01
d- 2	Screw	2	146427-0-01	
d- 3	Screw	1	100080-0-04	
d- 4	Washer	1	025030-1-32	
d- 5	Presser Foot Hinge Spring	1	146887-0-01	
d- 6	Chaining-off Finger	1	146966-0-01	
d- 7	Screw	1	009639-3-12	
d- 8	Presser Foot (Front)	1	146888-0-01	
d- 9	Screw	1	100105-0-05	
d-10	Presser Foot (Rear)	1	146889-0-01	
d-11	Presser Foot	1		147936 0-01
d-12	Looper (Right Hand)	1		
d-13	Screw	1	014680-4-22	
d-14	Throat Plate	1		
d-15	Differential Feed (Front) Dog	1	146749-0-01	
d-16	Label	1		
d-17	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

**d'. 802U026 Needle Gauge 1.8mm
(Bulky Knit Work)**

This machine is the same as the 801U001 (A F) with exceptions of 802U Common Parts Page 17, a) and Parts shown below :

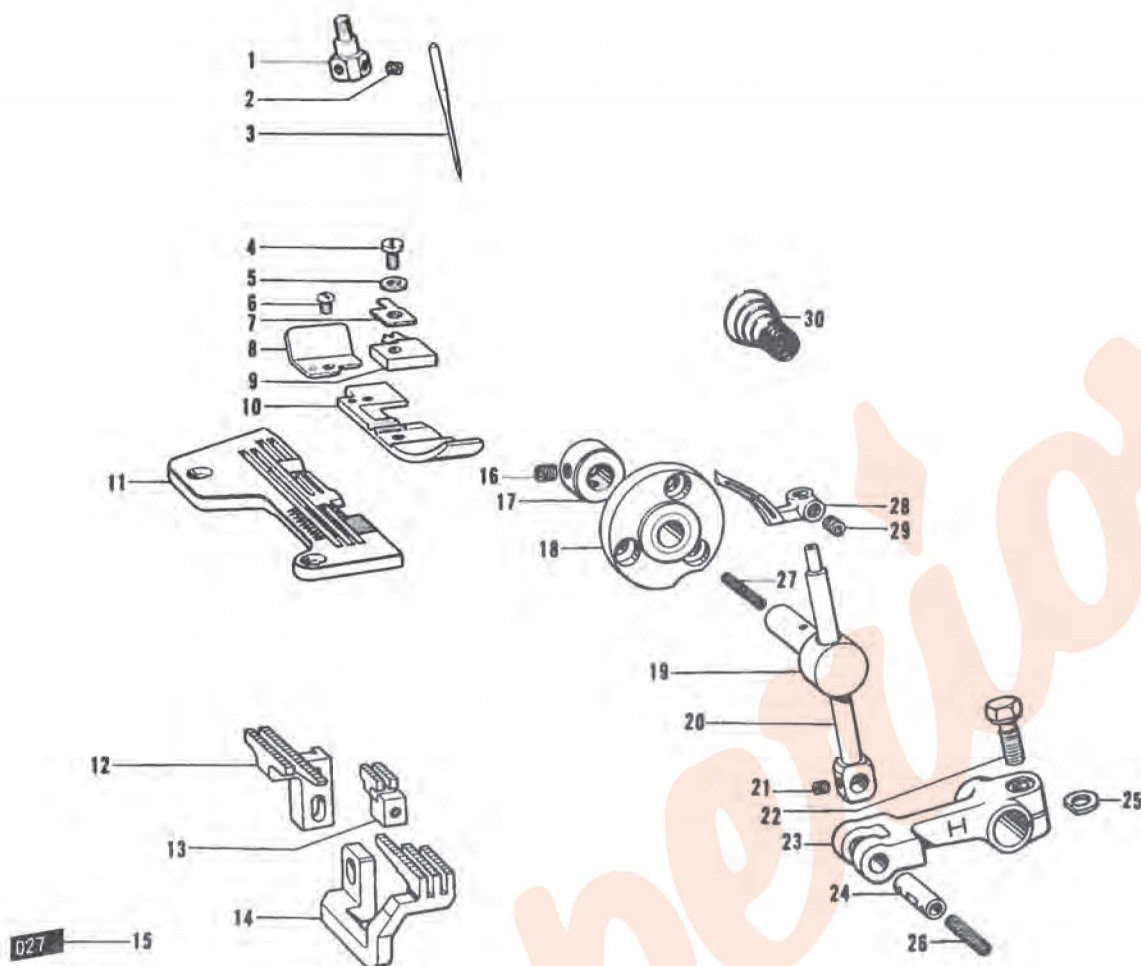


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
d'- 1	Needle Clamp 1.8	1		146771-0-01	d'-17	Label	1		
d'- 2	Screw	2	146427-0-01		d'-18	Screw	2	014680-4-22	
d'- 3	Needle Cat. No. 8538 #11	2	151206-0-11		d'-19	Set Collar	1		
d'- 4	Screw	1	100080-0-04		d'-20	Looper (Right Hand) Holder Guide Base	1		148217-0-01
d'- 5	Washer	1	025030-1-32		d'-21	Looper (Right Hand) Holder Guide Block	1		
d'- 6	Screw	1	100105-0-05		d'-22	Looper (Right Hand) Holder	1		
d'- 7	Presser Foot Hinge Spring	1	146887-0-01	146963-0-01	d'-23	Screw	1	146427-0-01	
d'- 8	Presser Foot (Rear)	1	146889-0-01		d'-24	Screw	1	149173-0-01	
d'- 9	Chaining-off Finger	1	146964-0-01		d'-25	Looper (Right Hand) Driving Lever	1		
d'-10	Presser Foot	1			d'-26	Looper (Right Hand) Holding Shaft	1		
d'-11	Screw	1	009639-3-12		d'-27	Spacer	1	148783-0-01	
d'-12	Presser Foot (Front)	1	146888-0-01		d'-28	Wick	1	108809-0-01	
d'-13	Throat Plate	1			d'-29	Wick	1	148249-0-00	
d'-14	Main Feed (Back) Dog	1	150834-0-01		d'-30	Looper (Right Hand)	1		147937-0-01
d'-15	Chain Feed Dog	1	148189-0-01		d'-31	Screw	1	014680-4-22	
d'-16	Differential Feed (Front) Dog	1	148402-0-01		d'-32	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

e. 802U027 Needle Gauge 2.2mm
(Bulky Knit Work)

This machine is the same as the 801U001- (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below:

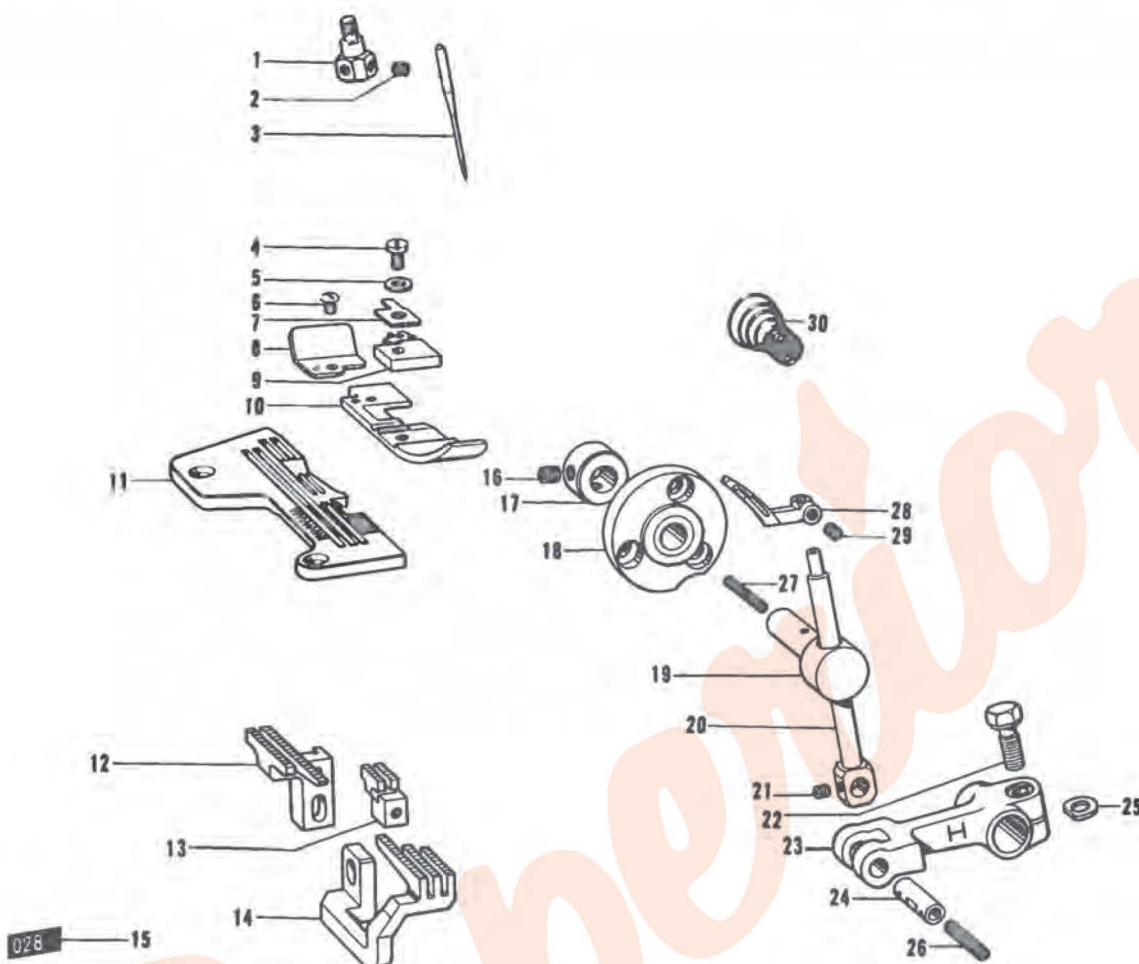


Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
e-1	Needle Clamp 2.2	1		146773-0-01	e-16	Screw	2	014680-4-22	
e-2	Screw	2	146427-0-01		e-17	Set Collar	1		
e-3	Needle Cat. No. 6120 #14	2	151200-0-14		e-18	Looper (Right Hand) Holder Guide Base	1		
e-4	Screw	1	100080-0-04		e-19	Looper (Right Hand) Holder Guide Block	1		
e-5	Washer	1	025030-1-32		e-20	Looper (Right Hand) Holder	1		
e-6	Screw	1	100105-0-05	146904-0-01	e-21	Screw	1	146427-0-01	148217-0-01
e-7	Presser Foot Hinge Spring	1	146887-0-01		e-22	Screw	1	149172-0-01	
e-8	Presser Foot (Rear)	1	145774-0-01		e-23	Looper (Right Hand) Driving Lever	1		
e-9	Chaining-off Finger	1	146905-0-01		e-24	Looper (Right Hand) Holding Shaft	1		
e-10	Presser Foot	1			e-25	Spacer	1	148783-0-01	
e-11	Throat Plate	1			e-26	Wick	1	108809-0-01	
e-12	Main Feed (Back) Dog	1	148187-0-01		e-27	Wick	1	148249-0-00	
e-13	Chain Feed Dog	1	148189-0-01		e-28	Looper (Right Hand)	1		
e-14	Differential Feed (Front) Dog	1	146750-0-01		e-29	Screw	1	014680-4-22	147937-0-01
e-15	Label	1			e-30	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR']
[EXAMPLE BR146222-0-01]

**802U028 Needle Gauge 2.2mm
(Bulky Knit Work)**

This machine is the same as the 801U001- (A-F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :

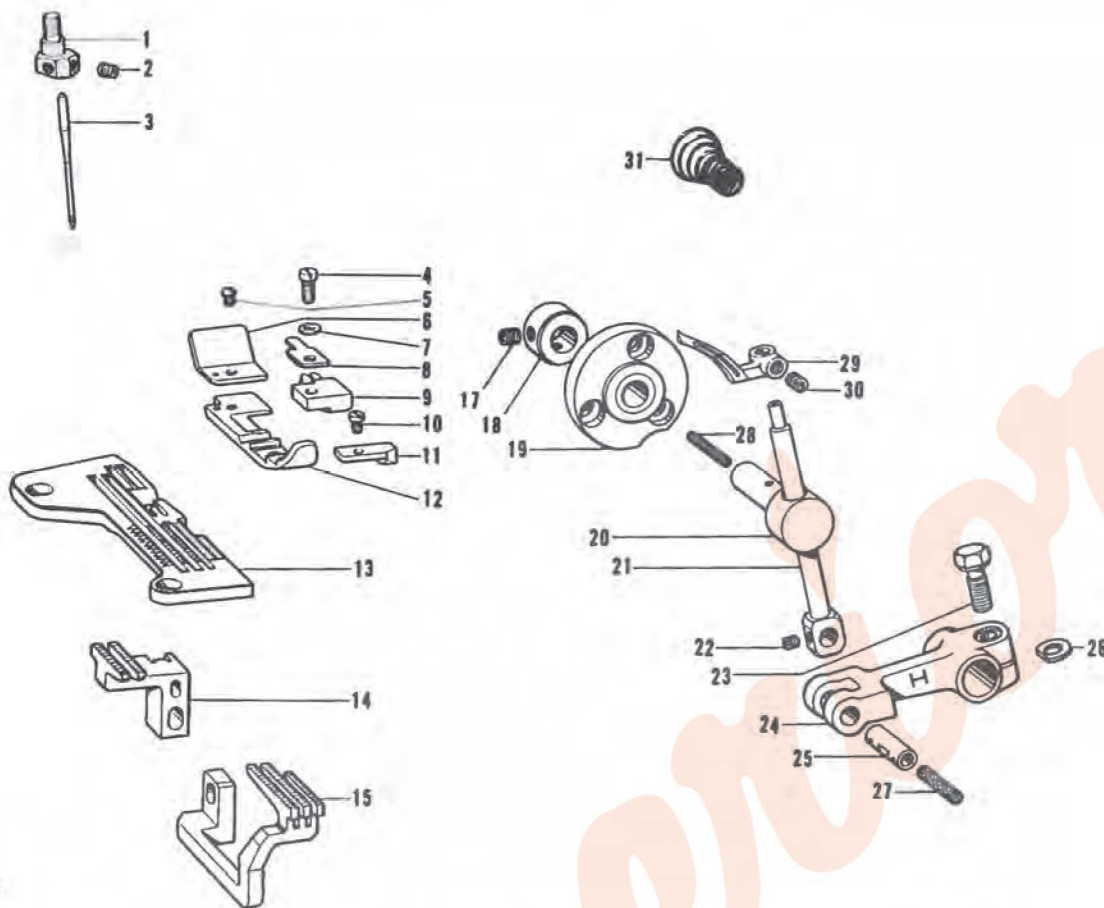


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
e'-1	Needle Clamp 2.2	1		146773-0-01	e'-16	Screw	2	014680-4-22	
e'-2	Screw	2	146427-0-01		e'-17	Set Collar	1		
e'-3	Needle Cat. No. 6120 #14	2	151200-0-14		e'-18	Looper (Right Hand) Holder Guide Base	1		
e'-4	Screw	1	100080-0-04		e'-19	Looper (Right Hand) Holder Guide Block	1		
e'-5	Washer	1	025030-1-32		e'-20	Looper (Right Hand) Holder	1		
e'-6	Screw	1	100105-0-05		e'-21	Screw	1	146427-0-01	148217-0-01
e'-7	Presser Foot Hinge Spring	1	146887-0-01	147952-0-01	e'-22	Screw	1	149172-0-01	
e'-8	Presser Foot (Rear)	1	145774-0-01		e'-23	Looper (Right Hand) Driving Lever	1		
e'-9	Chaining-off Finger	1	146907-0-01		e'-24	Looper (Right Hand) Holding Shaft	1		
e'-10	Presser Foot	1			e'-25	Spacer	1	148783-0-01	
e'-11	Throat Plate	1			e'-26	Wick	1	108809-0-01	
e'-12	Main Feed (Back) Dog	1	148187-0-01		e'-27	Wick	1	148249-0-00	
e'-13	Chain Feed Dog	1	148189-0-01		e'-28	Looper (Right Hand)	1		
e'-14	Differential Feed (Front) Dog	1	146750-0-01		e'-29	Screw	1	014680-4-22	147936-0-01
e'-15	Label	1			e'-30	Spring	1	144104-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

**f. 802U031- Needle Gauge 3mm
(Extra Heavy Work)**

This machine is the same as the 801U001- (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below:

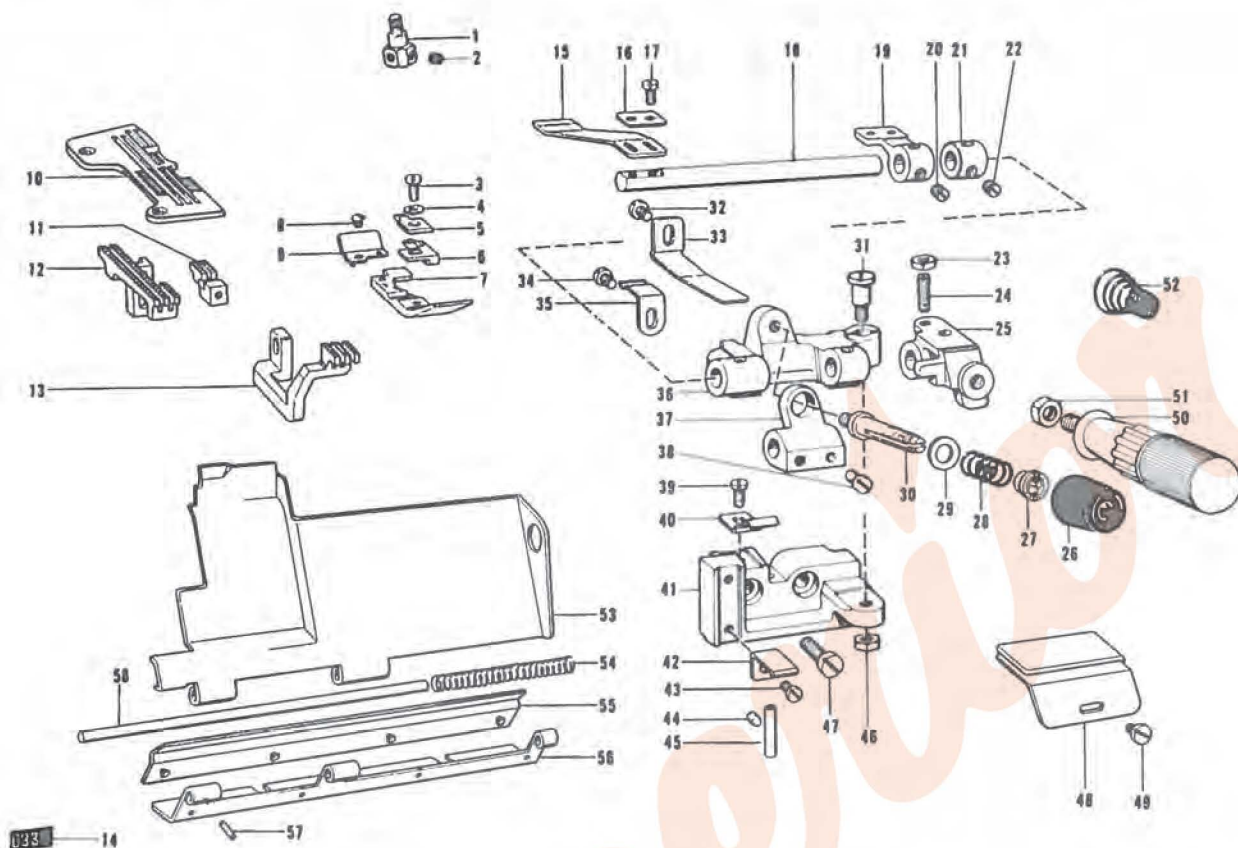


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
f-1	Needle Clamp 3	1		146775-0-01	f-16	Label	1		
f-2	Screw	2	146427-0-01		f-17	Screw	2	014680-4-22	
f-3	Needle Cat. No. 6122 #21	2	152186-0-21		f-18	Set Collar	1		
f-4	Screw	1	100080-0-04	146965-0-01	f-19	Looper (Right Hand) Holder Guide Base	1		
f-5	Screw	1	100105-0-05		f-20	Looper (Right Hand) Holder Guide Block	1		
f-6	Presser Foot (Rear)	1	146889-0-01		f-21	Looper (Right Hand) Holder	1		
f-7	Washer	1	025030-1-32		f-22	Screw	1	146427-0-01	148217-0-01
f-8	Presser Foot Hinge Spring	1	146887-0-01		f-23	Screw	1	149172-0-01	
f-9	Chaining-off Finger	1	146966-0-01		f-24	Looper (Right Hand) Driving Lever	1		
f-10	Screw	1	009639-3-12		f-25	Looper (Right Hand) Holding Shaft	1		
f-11	Presser Foot (Front)	1	146888-0-01		f-26	Spacer	1	148783-0-01	
f-12	Presser Foot	1			f-27	Wick	1	108809-0-01	
f-13	Throat Plate	1			f-28	Wick	1	148249-0-00	
f-14	Main Feed (Back) Dog	1	146790-0-01		f-29	Looper (Right Hand)	1		147937-0-01
f-15	Differential Feed (Front) Dog	1	146791-0-01		f-30	Screw	1	014680-4-22	
					f-31	Spring	2	148851-0-01	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.
EXAMPLE BR146222-0-01]

**g. 802U033 Needle Gauge 2.2mm
(Ruffling)**

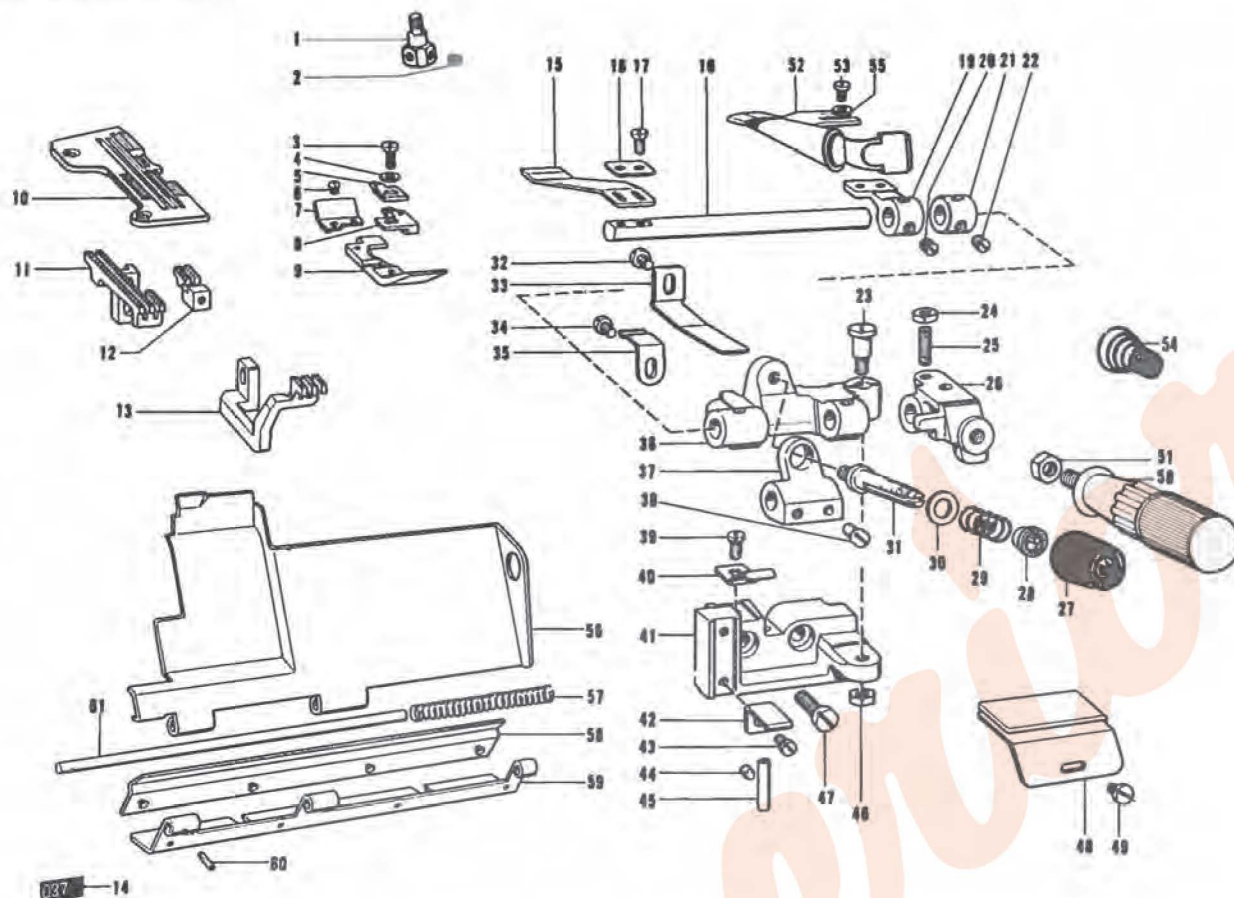
This machine is the same as the 801U001 (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	
g-1	Needle Clamp 2.2	1		146773-0-01	g-27	Washer	1	144105-0-00	146587-0-02	
g-2	Screw	2	146427-0-01		g-28	Spring	1	144788-0-01		
g-3	Screw	1	100080-0-04		g-29	Washer	1	025770-2-32		
g-4	Washer	1	025030-1-32		g-30	Looper Thread Tension Control Stud	1	110820-0-01		
g-5	Presser Foot Plate	1	144091-0-01	144815-0-01	g-31	Screw	1	147933-0-01		
g-6	Chaining-off Finger	1	144816-0-01		g-32	Screw	1	009680-6-12		
g-7	Presser Foot (U)	1			g-33	Spring	1	145811-0-01		
g-8	Screw	1	100105-0-05		g-34	Screw	1	001670-5-12		
g-9	Presser Foot Chain Shield	1	144100-0-01	146587-0-02	g-35	Spring	1	144764-0-01		
g-10	Throat Plate	1			g-36	Bracket for Ruffling Blade	1	146588-0-01		
g-11	Chain Feed Dog	1	148189-0-01	146587-0-02	g-37	Spring Base	1			
g-12	Main Feed (Back) Dog	1	148188-0-01		g-38	Screw	2	105163-0-01		
g-13	Differential Feed (Front) Dog	1	146751-0-01		g-39	Screw	1	009680-6-12		
g-14	Label	1			g-40	Spring	1	145808-0-01		
g-15	Ruffling Blade	1	144783-0-01	181995-0-02	g-41	Ruffler Base	1			
g-16	Washer	1	144784-0-01		g-42	Ruffling Blade Guide	2	145807-0-01		
g-17	Screw	2	009660-7-12		g-43	Screw	2	009680-8-12		
g-18	Ruffling Blade Base Shaft	1	145803-0-01		g-44	Screw	1	013679-4-12		
g-19	Binder Base	1		146587-0-02	g-45	Thread Guide Pipe	1	146592-0-01		
g-20	Screw	2	101706-0-01		g-46	Nut	1	150553-0-02		
g-21	Set Collar	1			g-47	Screw	2	009781-8-12		
g-22	Screw	2	101706-0-01		g-48	Ruffler Guide	1	144793-0-00		
g-23	Nut	1	105234-0-03	181995-0-02	g-49	Screw	1	112751-0-02		
g-24	Screw	1	110230-0-01		g-50	Handle	1	145809-0-01		
g-25	Handle Fixing Plate	1			g-51	Nut	1	150556-0-02		
g-26	Thread Tension Adjusting Nut	1	149566-0-02		g-52	Spring	1	144104-0-01		
[NOTE! PREFIX ALL NUMBERS BY 'BR'] [EXAMPLE BR146222-0-01]					g-53	Front Cover	1		148096-0-01	
					g-54	Spring	1	146442-0-01		
					g-55	Hinge Cover	1	148984-0-01		
					g-56	Front Cover Hinge	1	146440-0-01		
					g-57	Pin	1	047140-8-42		
					g-58	Front Cover Hinge Pin	1	146441-0-00		

h. 802U037 Needle Gauge 2.2mm (Ruffling (W/Piping))

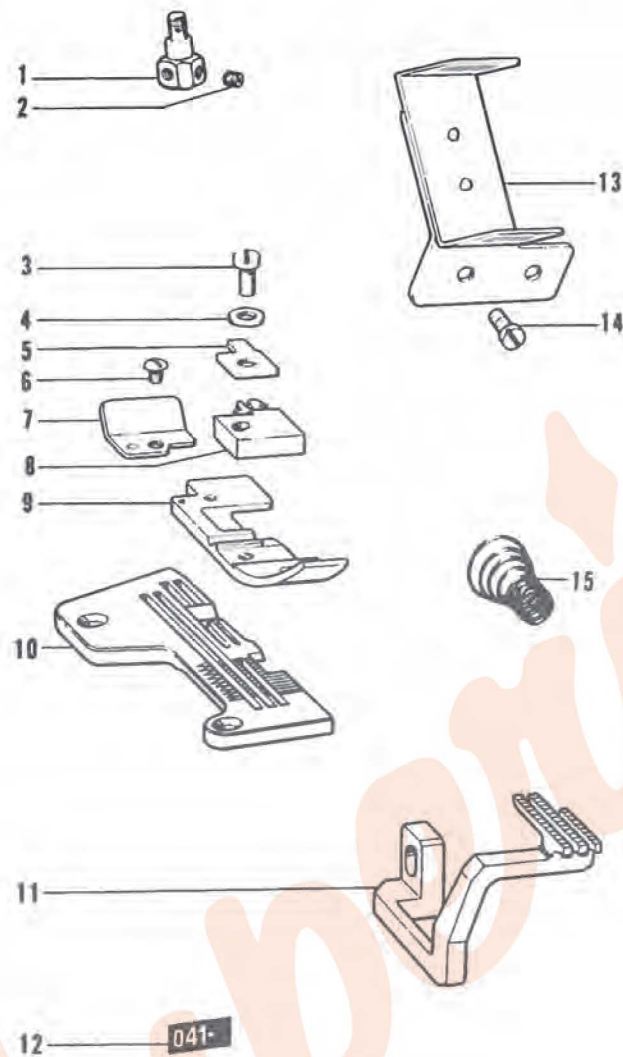
This machine is the same as the 801U001- (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	
h- 1	Needle Clamp 2.2	1		146773-0-01	h-28	Washer	1	144105-0-00	146587-0-02	
h- 2	Screw	2	146427-0-01		h-29	Spring	1	144788-0-01		
h- 3	Screw	1	100080-0-04		h-30	Washer	1	025770-2-32		
h- 4	Washer	1	025030-1-32		h-31	Looper Thread Tension Control Stud	1	110820-0-01		
h- 5	Presser Foot Plate	1	144091-0-01	147439-0-01	h-32	Screw	1	009680-6-12		
h- 6	Screw	1	100105-0-05		h-33	Spring	1	145811-0-01		
h- 7	Presser Foot Chain Shield	1	144100-0-01		h-34	Screw	1	001670-5-12		
h- 8	Chaining-off Finger	1	144816-0-01		h-35	Spring	1	144764-0-01		
h- 9	Presser Foot	1		181995-0-02	h-36	Bracket for Ruffling Blade	1	146588-0-01		
h-10	Throat Plate	1			h-37	Spring Base	1			
h-11	Main Feed (Back) Dog	1	148754-0-01		h-38	Screw	2	105163-0-01		
h-12	Chain Feed Dog	1	148753-0-01		h-39	Screw	1	009680-6-12		
h-13	Differential Feed (Front) Dog	1	146751-0-01	146587-0-02	h-40	Spring	1	145808-0-01		
h-14	Label	1			h-41	Ruffler Base	1			
h-15	Ruffling Blade	1	144783-0-01		h-42	Ruffling Blade Guide	2	145807-0-01		
h-16	Washer	1	144784-0-01		h-43	Screw	2	009680-8-12		
h-17	Screw	2	009660-7-12	146587-0-02	h-44	Screw	1	013679-4-12		
h-18	Ruffling Blade Base Shaft	1	145803-0-01		h-45	Thread Guide Pipe	1	146592-0-01		
h-19	Binder Base	1			h-46	Nut	1	150553-0-02		
h-20	Screw	2	101706-0-01		h-47	Screw	2	009781-8-12		
h-21	Set Collar	1		146587-0-02	h-48	Ruffler Guide	1	144793-0-00		
h-22	Screw	2	101706-0-01		h-49	Screw	1	112751-0-02		
h-23	Screw	1	147933-0-01		h-50	Handle	1	145809-0-01		
h-24	Nut	1	105234-0-03		h-51	Nut	1	150556-0-02		
h-25	Screw	1	110230-0-01	146587-0-02	h-52	Binder	1	147440-0-00		
h-26	Handle Fixing Plate	1			h-53	Screw	2	009680-6-12		
h-27	Thread Tension Adjusting Nut	1	149566-0-02		h-54	Spring	1	144104-0-01		
[NOTE! PREFIX ALL NUMBERS BY 'BR'.] [EXAMPLE BR146222-0-01]					h-55	Washer	2	110735-0-02		
					h-56	Front Cover	1		148096-0-01	
					h-57	Spring	1	146442-0-01		
					h-58	Hinge Cover	1	148984-0-01		
					h-59	Front Cover Hinge	1	146440-0-01		
					h-60	Pin	1	047140-8-42		
					h-61	Front Cover Hinge Pin	1	146441-0-00		

j. 802U041 Needle Gauge 2.2mm
(Taping on Light, Medium Work)

This machine is the same as the 801U001 (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below :

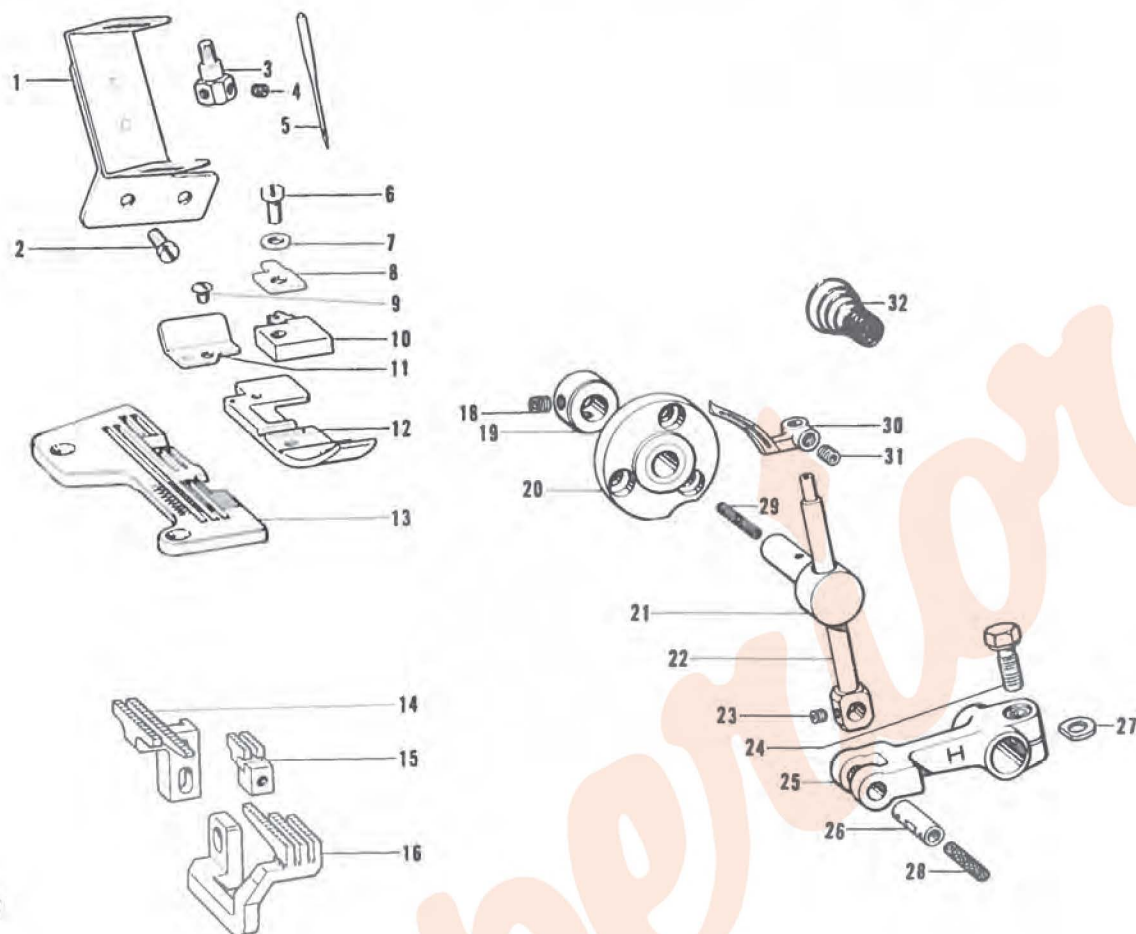


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
j- 1	Needle Clamp 2.2	1		146773-0-01	j- 9	Presser Foot	1		146906-0-01
j- 2	Screw	2	146427-0-01		j-10	Throat Plate	1		
j- 3	Screw	1	100080-0-04	146906-0-01	j-11	Differential Feed (Front) Dog	1	146749-0-01	
j- 4	Washer	1	025030-1-32		j-12	Label	1		
j- 5	Presser Foot Hinge Spring	1	146887-0-01		j-13	Tape Guide	1	146883-0-01	
j- 6	Screw	1	100105-0-05		j-14	Screw	2	009669-4-12	
j- 7	Presser Foot (Rear)	1	145774-0-01		j-15	Spring	1	144104-0-01	
j- 8	Chaining-off Finger	1	146907-0-01						

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
[EXAMPLE BR146222-0-01]

**k. 802U045 Needle Gauge 2.2mm
(Taping on Bulky Knit Work)**

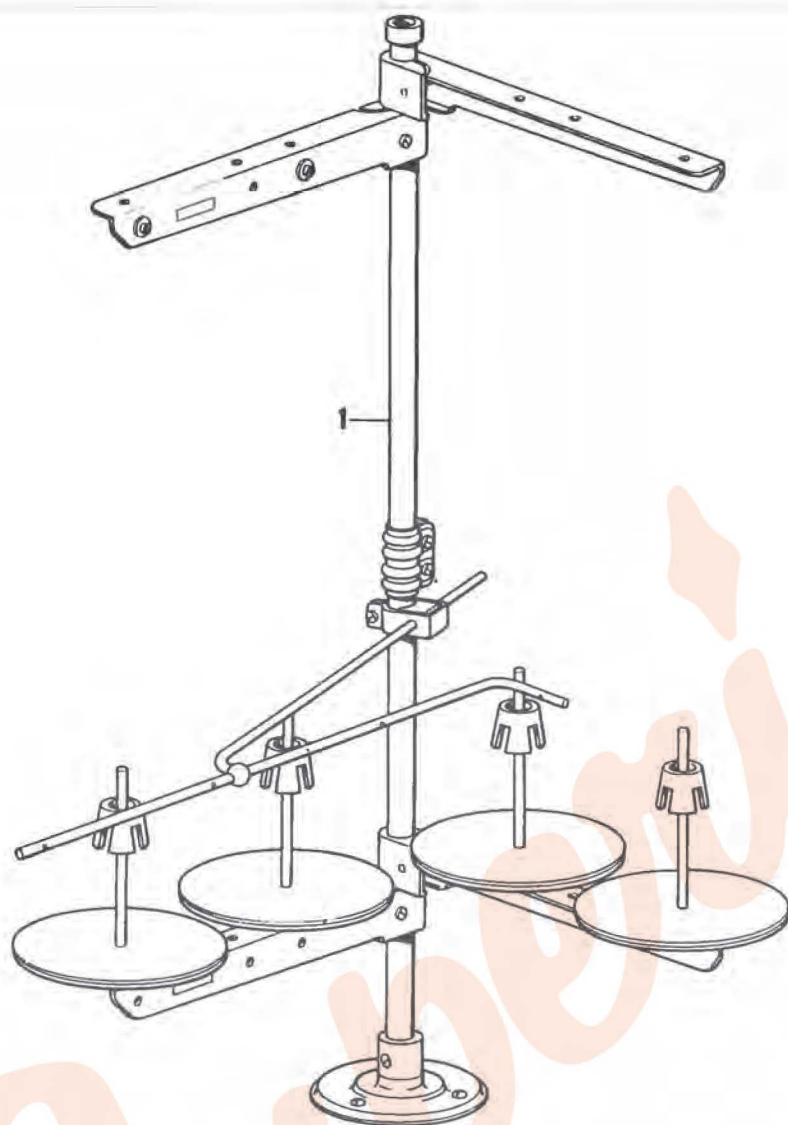
This machine is the same as the 801U001 (A - F) with exceptions of 802U Common Parts (Page 17, a) and Parts shown below:



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
k-1	Type Guide	1	146883-0-01	146773-0-01	k-17	Label	1		148217-0-01
k-2	Screw	2	096669-4-12		k-18	Screw	2	014680-4-22	
k-3	Needle Clamp 2.2	1			k-19	Set Collar	1		
k-4	Screw	2	146427-0-01	146906-0-01	k-20	Looper (Right Hand) Holder Guide Base	1		148217-0-01
k-5	Needle Cat. No. 8120-π11	2	151200-0-14		k-21	Looper (Right Hand) Holder Guide Block	1		
k-6	Screw	1	100080-0-04		k-22	Looper (Right Hand) Holder	1		
k-7	Washer	1	025030-1-32	146906-0-01	k-23	Screw	1	146427-0-01	148217-0-01
k-8	Presser Foot Hinge Spring	1	146887-0-01		k-24	Screw	1	149172-0-01	
k-9	Screw	1	100105-0-05		k-25	Looper (Right Hand) Driving Lever	1		
k-10	Chaining-off Finger	1	146907-0-01	146906-0-01	k-26	Looper (Right Hand) Holding Shaft	1		148217-0-01
k-11	Presser Foot (Rear)	1	145774-0-01		k-27	Spacer	1	148783-0-01	
k-12	Presser Foot	1			k-28	Wick	1	108809-0-01	
k-13	Throat Plate	1		146906-0-01	k-29	Wick	1	148249-0-00	147937-0-01
k-14	Main Feed (Back) Dog	1	148187-0-01		k-30	Looper (Right Hand)	1		
k-15	Chain Feed Dog	1	148189-0-01		k-31	Screw	1	014680-4-22	
k-16	Differential Feed (Front) Dog	1	146750-0-01		k-32	Spring	1	144104-0-01	

NOTE! PREFIX ALL NUMBERS BY 'BR'
EXAMPLE BR146222-0-01

Z. Thread Unwinder 4THF



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
Z- 1	Thread Unwinder 4THF	1	150161-0-02	

[NOTE! PREFIX ALL NUMBERS BY 'BR'.]
EXAMPLE BR146222-0-01]

DIFFERENT PARTS LIST

Class	Variety	No. of Needles	No. of Threads	Needle Gauge mm	Bight mm	Max. Stitch mm	Differential Ratio	Presser Foot Lift mm	Feed Dog		Needle Size	Sewing Speed	Front Cover Assembly		Oil Cap		Threading Diagram	
									Pitch mm	Type								
801 U	001-3 -4 -5	1	3	—	3 4 5	3.6	0.3~1.8	6	1.6		#11	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
	002-5 -6	1	3	—	5 6	2.5	0.4~3.6	7	2		#14	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
	003-3 -4 -5	1	3	—	3 4 5	3.6	0.3~1.8	6	1.6		#9	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
	004-3	1	2	—	3	3.6	0.3~1.8	6	1.6		#9	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	J-26	148092-0-01
	005-4 -5	1	2	—	4 5	3.6	0.3~1.8	4	1.6		#14	5000	A-34 A-38 A-80	148982-0-01			M-24	148092-0-01
	007-2 -4	1	3	—	2 4	3.6	0.3~1.8	6	1.6		#11	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
	008-5	1	3	—	5	3.3	0.3~2.7	5	1.6		#11	5000	K-50 K-55	148079-0-01			A-33	148091-0-01
	009-5	1	3	—	5	3.3	0.3~2.7	5	1.6		#11	5000	L-53 L-58	148079-0-01			A-33	148091-0-01
	010-5	1	3	—	5	3.6	0.3~1.8	6	1.6		#11	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
	011-6	1	3	—	6	2.5	0.4~3.6	7	2		#14	5000	A-34 A-38 A-80	148982-0-01	A-27	111865-0-01	A-33	148091-0-01
802 U	021-4	2	4	1.8	4	3.6	0.3~1.8	6	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	022-5 -6	2	4	2.2	5	3.6	0.3~1.8	6	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	023-5 -6	2	4	2.2	5 6	3.6	0.3~1.8	6	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	025-6	2	4	3	6	3.6	0.3~1.8	6	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	026-5	2	4	1.8	5	2.5	0.4~3.6	7	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	027-5 -6 -7	2	4	2.2	5 6 7	2.5	0.4~3.6	7	2		#14	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	028-5	2	4	2.2	5	3.6	0.4~3.6	7	2		#14	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	031-7	2	4	3	7	3.6	0.3~1.8	7	2.5		#19	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	033-5	2	4	2.2	5	3.3	0.3~2.7	5	1.6		#11	5000	g-53 g-58	148906-0-01			a-9	148098-0-01
	037-5	2	4	2.2	5	3.3	0.3~2.7	5	1.6		#11	5000	h-56 h-61	148096-0-01			a-9	148098-0-01
	041-5	2	4	2.2	5	3.6	0.3~1.8	6	1.6		#11	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01
	045-6	2	4	2.2	6	2.5	0.4~3.6	7	2		#14	5000	a-4 a-8 a-21	148985-0-01	A-27	111865-0-01	a-9	148098-0-01

Class	Variety	Label	Label	Needle Bar Assembly	Needle Bar	Needle Clamp Assembly	Needle Cat. No B120-B538 B122	Throat Plate	Presser Foot Assembly	Main Feed (Back) Dog
801 U	001 3 4 A 19 5	146974 0 01 146974 0 02 146974 0 03	A 42 147943 0 01	B 9 B 11 147629 0 01			B 12 151200 0 11	B 64 146730 0 01 146731 0 01 146732 0 01	E 59 1 146884 0 01 E 67	D 43 146744 0 01
	002 5 6 I 13	146974 0 04 146974 0 05	A 42 147943 0 01	B 9 B 11 147629 0 01			I 1 151200 0 14	I 9 146734 0 01 146735 0 01	I 2 1 146898 0 01 I 8	I 10 148187 0 01
	003 3 4 I 22 5	146974 0 07 146974 0 08	A 42 147943 0 01	B 9 B 11 147629 0 01			I 6 151200 0 09	B 64 146730 0 01 146731 0 01 146732 0 01	I 1 1 146890 0 01 I 5	D 43 146744 0 01
	004 3 J 22	146974 0 10		B 9 B 11 147629 0 01			J 6 151200 0 09	B 64 146730 0 01	J 1 1 146890 0 01 J 5	D 43 146744 0 01
	005 4 5 M 25	146974 0 14		B 9 B 11 147629 0 01			M 10 151200 0 14	B 64 146731 0 01 146732 0 01	M 1 1 146893 0 01 M 9	D 43 146744 0 01
	007 2 4 J 13	146974 0 56 146974 0 57	A 42 147943 0 01	B 9 B 11 147629 0 01			B 12 151200 0 11	J 10 148352 0 01 J 12 148314 0 01	J 1 1 148311 1 01 J 9	D 43 146744 0 01
	008 5 K 12	146974 0 19	A 42 147943 0 01	B 9 B 11 147629 0 01			B 12 151200 0 11	K 8 146737 0 01	K 1 1 144811 0 01 K 7	K 10 148188 0 01
	009 5 L 12	146974 0 20	A 42 147943 0 01	B 9 B 11 147629 0 01			B 12 151200 0 11	L 8 146737 0 01	L 1 1 147433 0 01 L 7	L 10 148754 0 01
	010 5 M 8	146974 0 21	A 42 147943 0 01	B 9 B 11 147629 0 01			B 12 151200 0 11	B 64 146732 0 01	M 1 1 146895 0 01 M 7	D 43 146744 0 01
	011 6 N 15	146974 0 25	A 42 147943 0 01	B 9 B 11 147629 0 01			N 3 151200 0 14	N 11 146735 0 01	N 4 1 146895 0 01 N 10	N 12 148187 0 01
802 U	021 4 b 14	146975 0 39	A 42 147943 0 01		a 2 146483 0 01	b 1 146771 0 01 b 2	b 3 1512 0 11	b 13 146779 0 01	b 4 1 146963 0 01 b 12	D 43 146744 0 01
	022 5 6 c 14	146975 0 04	A 42 147943 0 01		a 2 146483 0 01	c 1 146773 0 01 c 2	B 12 151200 0 11	c 12 146781 0 01 146782 0 01	c 3 1 146902 0 01 c 11	D 43 146744 0 01
	023 5 6 c 16	146975 0 40	A 42 147943 0 01		a 2 146483 0 01	c 1 146773 0 01 c 2	B 12 151200 0 11	c 14 146781 0 01 146782 0 01	c 3 1 146902 0 01 c 11	D 43 146744 0 01
	025 6 d 16	146975 0 10	A 42 147943 0 01		a 2 146483 0 01	d 1 146775 0 01 d 2	B 12 151200 0 11	d 14 148031 0 01	d 3 1 146965 0 01 d 11	D 43 146744 0 01
	026 5 d 17	146975 0 12	A 42 147943 0 01		a 2 146483 0 01	d 1 146771 0 01 d 2	d 3 151206 0 11	d 13 146780 0 01	d 4 1 146963 0 01 d 12	d 14 150834 0 01
	027 5 6 e 15 7	146975 0 41 146975 0 15	A 42 147943 0 01		a 2 146483 0 01	e 1 146773 0 01 e 2	e 3 151200 0 14	e 11 146781 0 01 146782 0 01 146783 0 01	e 4 1 146904 0 01 e 10	e 12 148187 0 01
	028 5 e 15	146975 0 63	A 42 147943 0 01		a 2 146483 0 01	e 1 146773 0 01 e 2	e 3 151200 0 14	e 11 146781 0 01	e 4 1 147952 0 01 e 10	e 12 148187 0 01
	031 7 f 16	146975 0 17	A 42 147943 0 01		a 2 146483 0 01	f 1 146775 0 01 f 2	f 3 152186 0 21	f 13 146785 0 01	f 4 1 146965 0 01 f 12	f 14 146790 0 01
	033 5 g 14	146975 0 19	A 42 147943 0 01		a 2 146483 0 01	g 1 146773 0 01 g 2	B 12 151200 0 11	g 10 146786 0 01	g 3 1 144815 0 01 g 9	g 12 148188 0 01
	037 5 h 14	146975 0 21	A 42 147943 0 01		a 2 146483 0 01	h 1 146773 0 01 h 2	B 12 151200 0 11	h 10 146786 0 01	h 3 1 147439 0 01 h 9	h 11 148754 0 01
	041 5 j 12	146975 0 23	A 42 147943 0 01		a 2 146483 0 01	j 1 146773 0 01 j 2	B 12 151200 0 11	j 10 146781 0 01	j 3 1 146906 0 01	D 43 146744 0 01
	045 6 k 17	146975 0 32	A 42 147943 0 01		a 2 146483 0 01	k 1 146773 0 01 k 2	k 5 151200 0 14	k 13 146782 0 01	k 6 1 146906 0 01 k 12	k 14 148187 0 01

Class	Variety	Differential Feed (Front) Dog	Chain Feed Dog	Looper (Right Hand) Holder Assembly	Looper (Right Hand) Assembly	Needle Thread Take up	Washer	Blind Stitch Hemming Guide Assembly	Screw	Guide
801 U	001 3			C 32	C 42					
	4	D 40 146748 0 01	D 42 146577 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
	5			C 55	C 43					
	002 5	I 12 146750 0 01	I 11 148189 0 01	I 14 148217 0 01	I 26 147937 0 01	F 6 144108 0 01	F 7 105248 0 03			
				I 23	I 27					
	003 3			C 32	C 42			I 7		
	4	D 40 146748 0 01	D 42 146577 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03	I 1 147710 0 01	I 21 009670 6 12	
	5			C 55	C 43			I 20		
	004 3	D 40 146748 0 01	D 42 146577 0 01	C 32	J 24	J 23 142201 0 01		J 7		
				C 55	J 25			J 20	J 21 009670 6 12	
	005 4			C 32	M 12					M 14
	5	D 40 146748 0 01	D 42 146577 0 01	C 40 148209 0 01	147935 0 01	M 11 142201 0 01				146761 0 01
				C 55	M 13					M 22
	007 2			C 32	C 42					
	4	D 40 146748 0 01	D 42 146577 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
802 U	008 5	K 11 146751 0 01	K 9 148189 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
	009 5	L 11 146751 0 01	L 9 148753 0 01	C 32	C 42					
				C 55	C 43					
	010 5	D 40 146748 0 01	D 42 146577 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
	011 6	N 14 146750 0 01	N 13 148189 0 01	N 16 148217 0 01	N 28 147937 0 01	F 6 144108 0 01	F 7 105248 0 03			
				N 25	N 29					
	021 4	D 40 146748 0 01	D 42 146577 0 01	C 32	C 42					
				C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
	022 5			C 55	C 43					
	6	c 13 146749 0 01	D 42 146577 0 01	C 32	C 42	147934 0 01	F 6 144108 0 01	F 7 105248 0 03		
				C 55	C 43					
	023 5			C 32	c 12	147936 0 01	F 6 144108 0 01	F 7 105248 0 03		
	6	c 15 146749 0 01	D 42 146577 0 01	C 40 148209 0 01	c 13					
				C 55	d 12	147936 0 01	F 6 144108 0 01	F 7 105248 0 03		
	025 6	d 15 146749 0 01	D 42 146577 0 01	C 40 148209 0 01	d 11	147936 0 01	F 6 144108 0 01	F 7 105248 0 03		
				C 55	d 30					
	026 5	d 16 148402 0 01	d 15 148189 0 01	d 18 148217 0 01	d 31 147937 0 01	F 6 144108 0 01	F 7 105248 0 03			
				d 27	e 28					
	027 5			e 16	e 29	147937 0 01	F 6 144108 0 01	F 7 105248 0 03		
	6	e 14 146750 0 01	e 13 148189 0 01	e 25 148217 0 01						
	7			e 16	e 28					
	028 5	e 14 146750 0 01	e 13 148189 0 01	e 25 148217 0 01	e 29 147936 0 01	F 6 144108 0 01	F 7 105248 0 03			
				f 17	f 29					
	031 7	f 15 146791 0 01	D 42 146577 0 01	f 26 148217 0 01	f 30 147937 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 32	C 42					
	033 5	g 13 146751 0 01	g 11 148189 0 01	C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
	037 5	h 13 146751 0 01	h 12 148753 0 01	C 32	C 42					
				C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
	041 5	j 11 146749 0 01	D 42 146577 0 01	C 32	C 42					
				C 40 148209 0 01	147934 0 01	F 6 144108 0 01	F 7 105248 0 03			
				C 55	C 43					
	045 6	k 16 146750 0 01	k 15 148189 0 01	k 18 148217 0 01	k 30 147937 0 01	F 6 144108 0 01	F 7 105248 0 03			
				k 27	k 31					

Class	Variety	Screw	Ruffler Device Assembly	Screw	Handle	Nut	Binder	Screw	Tape Guide	Screw
R01 U	001-3 -4 -5									
	002-5									
	003-3 -4 -5									
	004-3									
	005-4 -5	M-23 110201-0-01								
	007-2 -4									
	008-5	K-13 K-44	146587-0-02	K-45 009781-8-12	K-48 145809-0-01	K-49 150556-0-02				
	009-5	L-13 L-44	146587-0-02	L-45 009781-8-12	L-48 145809-0-01	L-49 150556-0-02	L-50 147440-0-00	L-51 009680-6-12		
	010-5								M-9 146883-0-01	M-10 009669-4-12
	011-5								N-1 146883-0-01	N-2 009669-4-12
R02 U	021-4									
	022-5 -6									
	023-5 -6									
	025-6									
	026-5									
	027-5 6 7									
	028-5									
	031-7									
	033-5	g-15 g-46	146587-0-02	g-47 009781-8-12	g-50 145809-0-01	g-51 150556-0-02				
	037-5	h-15 h-46	146587-0-02	h-47 009781-8-12	h-50 145809-0-01	h-51 150556-0-02	h-52 147440-0-00	h-53 009680-6-12		
	041-5								j-13 146883-0-01	j-14 009669-4-12
	045-6								k-1 146883-0-01	k-2 009669-4-12

Class	Variety	Ruffler Guide	Screw	Thread Unwinder Assembly	Tape Winder Assembly	Screw	Screw Driver	Spring	Weather	Ruffler Interlocking Parts Assembly
801 U	001-3 -4 -5							F-16 144104-0-01		
	002-5							F-16 144104-0-01		
	003-3 -4 -5							F-16 144104-0-01		
	004-3							F-16 144104-0-01		
	005-4 -5							F-16 144104-0-01		
	007-2 -4						J-14 148925-0-01	F-16 144104-0-01		
	008-5	K-46 144793-0-00	K-47 112751-0-02					F-16 144104-0-01		P-18 151238-0-02 P-34
	009-5	L-46 144793-0-00	L-47 112751-0-02	P-1 181031-0-01 P-7	P-8 143767-0-02 P-16	P-17 101118-0-01		F-16 144104-0-01	L-52 110735-0-02	P-18 151238-0-02 P-34
	010-5							F-16 144104-0-01		
	011-6							F-16 144104-0-01		
802 U	021-4							b-15 144104-0-01		
	022-5 -6							c-15 144104-0-01		
	023-5 -6							c-17 144104-0-01		
	025-6							d-17 144104-0-01		
	026-5							d-32 144104-0-01		
	027-5 -6 -7							e-30 144104-0-01		
	028-5							e-30 144104-0-01		
	031-7							f-31 148851-0-01		
	033-5	g-48 144793-0-00	g-49 112751-0-02					g-52 144104-0-01		P-18 151238-0-02 P-34
	037-5	h-48 144793-0-00	h-49 112751-0-02	P-1 181031-0-01 P-7	P-8 143767-0-02 P-16	P-17 101118-0-01		h-54 144104-0-01	h-55 110735-0-02	P-18 151238-0-02 P-34
	041-5							i-15 144104-0-01		
	045-6							k-32 144104-0-01		

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001660-5-12	E -69		009680-7-12	B -34		025030-1-32	K -2		100105-0-05	M -3	
001670-5-12	K -32			C -57			L -2			N -7	
	L -32			D -53			M -2			b -10	
	g -34			E -14			M -2			c -4	
	h -34			E -58			N -5			c' -9	
001670-6-14	J -11			J -19			b -5			d' -6	
005710-8-12	M -14		009680-7-14	A -1			c -5			e -6	
009630-8-12	D -41		009680-8-12	K -41			c' -4			e' -6	
009639-3-12	E -60			L -42			d' -5			f -5	
	J' -6			P -25			e -5			g -8	
	M -9			g -43			e' -5			h -6	
	b -8			h -43			f -7			j -6	
	c -9		009681-0-12	B -55			g -4			k -9	
	c' -7			Y -16			h -4		100136-0-01	P -15	
	d' -11			Z -7			j -4		100260-0-01	C -27	
	f -10		009681-2-12	A -17			k -7			E -30	
009660-4-12	J -7		009681-4-12	F -19		025030-2-32	J -8		100366-0-01	B -17	
009660-5-12	Z -3		009681-6-12	E -10			Z -2			B -18	
009660-7-12	K -15		009761-0-12	P -33		025080-2-36	Z -9			B -24	
	L -15		009781-8-12	K -45		025680-2-32	Y -15			B -73	
	g -17			L -45		025770-2-32	K -28			D -22	
	h -17			g -47			L -28		100444-0-02	P -2	
009669-3-12	F -8			h -47			g -29		100447-0-01	P -7	
009669-4-12	B -5		011711-4-12	P -32			h -30		101118-0-01	P -17	
	E -72		013679-4-12	K -42		028050-2-42	P -5		101572-1-01	Y -10	
	M -10			L -40		028080-2-42	Z -10		101706-0-01	A -63	
	N -2			g -44		031311-3-02	Y -13			K -18	
	j -14			h -44		047140-8-42	A -37			K -20	
	k -2		013689-4-12	F -21			K -54			L -18	
009670-6-12	P -28		013760-6-12	A -74			L -57			L -20	
009670-5-12	C -1			C -13			a -7			g -20	
	C -22		013761-4-10	B -53			g -57			g -22	
	C -44		014680-4-22	A -22			h -60			h -20	
	C -54			C -18		048030-3-42	J -16			h -22	
	E -25			C -40		072600-0-00	B -39		101706-0-03	D -28	
009670-6-12	A -7			C -42		072600-1-00	B -50		102627-0-01	E -54	
	A -9			I -14			B -57		102843-0-04	A -8	
	A -40			I -27			B -59			B -43	
	A -48			M -13		081002-6-70	E -17			B -47	
	A -54			N -16		100022-0-05	E -21		104908-0-01	E -20	
	A -60			N -29		100032-0-03	A -58		105163-0-01	K -36	
	A -67			c' -13			A -79			L -36	
	A -70			d' -18			B -63			g -38	
	E -47			d' -31		100080-0-02	P -3			h -38	
	F -5			e -16		100080-0-04	E -64		105234-0-03	K -22	
	F -24			e -29			I -2			L -22	
	F -33			e' -16			J -1			g -23	
	F -38			e' -29			J' -1			h -24	
	J -21			f -17			K -1		105248-0-03	F -7	
009670-8-12	B -8			f -30			L -1		105343-0-01	Y -3	
	B -36			k -18			M -1		106120-0-02	A -69	
	C -19			k -31			M -1		106568-0-01	A -55	
	F -10		017761-4-12	D -7			N -4		107244-0-01	B -61	
	F -37			D -14			c' -4		107351-0-01	B -70	
009671-4-12	B -68			D -25			c -3		107407-0-03	A -39	
009679-3-12	J -15		017761-6-12	B -22			d -3			D -38	
	M -20			B -76			d' -4			D -45	
009680-6-12	K -30		017771-4-12	C -9			e -4			E -44	
	K -37		017771-6-12	A -45			e' -4			E -51	
	L -30			C -52			f -4		107779-0-01	Y -4	
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	L -51		018061-6-22	B -69			h -3		108495-0-01	P -14	
	g -32		021080-1-06	Z -11			j -3		108809-0-01	C -31	
	g -39		021670-2-02	B -67			k -6			I -24	
	h -32		021680-2-02	E -9		100105-0-05	E -67			N -26	
	h -39			M -17			I -4			d' -28	
	h -53		025030-1-82	E -63			J' -3			e -26	
009680-7-12	A -52			I -3			K -4			e' -26	
	A -77			J -2			L -4			f -27	
	B -29			J' -2			M -4			k -28	

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109853-0-01	P-1		140180-0-01	B-52						c'-2	
109854-0-01	P-1~6		140208-0-01	D-34		144764-0-01	K-33			d'-2	
110161-0-03	P-6			D-57			L-33			d'-23	
110161-0-06	P-31		140248-0-01	E-57			g-35			e-2	
110201-0-01	M-23		140342-0-01	Y-2			h-35			e'-21	
110230-0-01	K-23		140504-0-01	E-68		144783-0-01	K-13			e'-2	
	L-23		140759-0-00	Y-29			L-13			e'-21	
	g-24		140774-0-00	D-30			g-15			f-2	
	h-25			D-54			h-15			f'-22	
110641-0-01	A-43		141183-0-00	A-65		144784-0-01	K-14			g-2	
110670-0-00	B-56		141393-0-01	E-73			L-14			h-2	
110672-0-00	B-58		141514-0-01	P-18			g-16			j-2	
110673-0-00	B-60			P-19			h-16			k-4	
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	K-29		142669-0-01	F-41			g-48			h-59	
	L-29		142674-0-00	D-31			h-48		146441-0-00	A-38	
	a-16			D-58		144811-0-01	K-1~7			K-55	
	g-30		143311-0-01	B-37		144813-0-01	K-6			L-58	
	h-31		143312-0-00	B-38			L-6			a-5	
110832-0-01	F-13		143374-0-01	A-75		144815-0-01	g-3~9			g-58	
	F-30		143552-0-01	J-8		144816-0-01	g-6			h-61	
	a-15		143750-0-02	P-16			h-8		146442-0-01	A-35	
111443-0-01	J-13		143757-0-01	F-9		145277-1-04	Y-36			K-51	
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112299-0-01	F-3		143978-0-01	P-9~10			a-14			g-54	
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112436-0-01	E-49		144073-0-01	E-43			e-8		146486-0-00	B-10	
	Y-33		144075-0-01	E-41			e'-8		146547-0-00	D-51	
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	g-49			L-3		145803-0-01	K-16		146580-0-01	E-39	
	h-49			g-5			L-16		146581-0-01	C-28	
112754-0-01	B-35			h-5			g-18			E-31	
113431-0-02	D-37		144100-0-01	K-5			h-18		146582-0-01	E-53	
	D-46			L-5		145807-0-01	K-40		146584-0-01	E-55	
	Z-6			g-9			L-43		146585-0-01	E-48	
113589-0-01	A-15			h-7			g-42		146586-0-00	E-56	
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116231-0-01	D-9			a-13			L-38			g-15~46	
	D-15		144104-0-01	F-16			g-40			h-15~46	
117160-0-01	A-30			b-15			h-40		146588-0-01	g-36	
117466-0-00	Y-11			c-15		145809-0-01	K-48			h-36	
117515-0-01	E-45			c'-17			L-48		146592-0-01	K-43	
117516-0-01	D-39			d'-32			g-50			L-41	
	D-44			e-30			h-50			g-45	
	E-46			e'-30		145811-0-01	K-31			h-45	
117608-0-01	B-65			g-52			L-31		146596-0-01	M-22	
118768-0-01	B-30			h-54			g-33		146597-0-01	M-18	
118837-0-01	Y-9			j-15			h-33		146598-0-01	M-19	
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140065-0-01	D-1			L-26			A-68		146652-0-01	F-35	
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	C-24			g-27			C-35		146654-0-01	F-39	
140077-0-01	A-50			h-28			E-2		146700-0-01	Y-8	
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146732-0-01	B-64			f-8		146975-0-39	b-14			h-56-61	
146734-0-01	I-9			j-5		146975-0-40	d-16		148098-0-01	a-9	
146735-0-01	N-11			k-8		146975-0-41	e-15		148109-0-01	B-48	
	I-9		146888-0-01	E-59		146975-0-63	e'-15		148111-0-00	B-51	
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146748-0-01	D-40			c-10		147049-0-04	F-45		148123-0-01	B-14	
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146750-0-01	I-12		146889-0-01	J'-7		147440-0-00	L-50		148130-0-01	E-13	
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	e-14			b-11		147629-0-01	B-9~11		148133-0-01	E-19	
	e'-14			c-7		147631-0-01	B-11		148134-0-01	E-16	
	k-16			c'-10		147691-0-00	B-31		148135-0-01	E-15	
146751-0-01	K-11			d'-8			B-32		148136-0-01	E-29	
	L-11			f-6		147710-0-01	J-7~20		148137-0-01	E-27	
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	h-13		146892-0-01	J-4		147712-0-01	J-18		148139-0-01	E-26	
146754-0-01	E-50		146893-0-01	M-1~9		147713-0-01	J-14		148143-0-01	E-7	
146759-0-01	J-17		146894-0-01	M-6		147919-0-01	Z-13		148144-0-01	E-4	
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	d'-1~2		146900-0-01	I-6			h-23		148148-0-01	E-71	
146773-0-01	c-1~2			N-8		147934-0-01	C-42~43		148149-0-01	E-70	
	c'-1~2		146902-0-01	c-3~11		147935-0-01	M-12~13		148163-0-01	D-21~24	
	e-1~2			c'-3~11		147936-0-01	c'-12~13		148166-0-01	D-23	
	e'-1~2		146903-0-01	c-8			e'-28~29		148167-0-01	D-3	
	g-1~2			c'-6		147937-0-01	I-26~27		148168-0-00	D-4	
	h-1~2		146904-0-01	e-4~10			N-28~29		148169-0-00	D-20	
	j-1~2		146905-0-01	e-9			e-28~29		148170-0-01	D-49~50	
	k-3~4		146906-0-01	j-3~9			d'-30~31		148173-0-00	D-48	
146775-0-01	f-1~2			k-6~12			f-29~30		148174-0-00	D-36	
146779-0-01	b-13		146907-0-01	e'-9			k-30~31		148175-0-00	D-47	
146780-0-01	d'-13			j-8		147943-0-01	A-42		148176-0-01	D-27	
146781-0-01	c-12			k-10		147952-0-01	e'-4~10		148177-0-01	D-17	
	e'-11		146924-0-00	A-29		148041-0-01	Z-4		148178-0-01	D-16	
	j-10		146926-0-02	F-23		148042-0-01	Z-5		148179-0-01	D-10	
146782-0-01	d-14		146929-0-01	F-34		148065-0-01	A-16		148180-0-01	D-8	
	e-11		146963-0-01	b-4~12		148066-0-00	A-18		148181-0-01	D-5	
	k-13			d'-4~12		148067-0-01	A-2			D-19	
146783-0-01	e-11		146964-0-01	b-7		148068-0-00	A-3		148182-0-01	D-18	
146785-0-01	f-13			d'-9		148069-0-01	A-72		148183-0-01	D-6	
146786-0-01	g-10		146965-0-01	f-4~12		148070-0-01	A-76		148184-0-00	D-32	
	h-10		146966-0-01	f-9		148071-0-00	A-73		148185-0-01	D-33	
146790-0-01	f-14		146974-0-01	A-19		148072-0-01	A-71		148186-0-01	D-35	
146791-0-01	f-15		146974-0-02	A-19		148073-0-01	A-12			D-56	
146793-0-01	a-1		146974-0-03	A-19		148074-0-01	A-6		148187-0-01	I-10	
146883-0-01	M-9		146974-0-04	I-13		148075-0-00	A-4			N-12	
	N-1		146974-0-05	I-13		148076-0-01	A-66			e-12	
	j-13		146974-0-07	J-22		148077-0-01	A-61			e'-12	
	k-1		146974-0-08	J-22		148078-0-01	A-49			k-14	
146884-0-01	E-59~67		146974-0-14	M-25		148079-0-01	K-50~55		148188-0-01	K-10	
146886-0-01	E-61		146974-0-19	K-12			L-53~58			g-12	
146887-0-01	E-62		146974-0-20	L-12		148081-0-01	A-41		148189-0-01	I-11	
	I-5		146974-0-21	M-8		148082-0-01	A-57			K-9	
	J-3		146974-0-25	N-15		148083-0-01	A-56			N-13	
	J'-4		146974-0-56	J'-13		148084-0-01	A-23			d'-15	
	M-3		146974-0-57	J'-13		148085-0-01	A-26			e-13	
	M-4		146975-0-04	c-14		148086-0-00	B-40			e'-13	
	N-6		146975-0-12	d'-17		148087-0-01	A-46			g-11	
	b-6		146975-0-15	e-15		148088-0-00	A-47			k-15	
	c-6		146975-0-17	f-16		148089-0-01	A-59		148196-0-00	E-38	
	c'-5		146975-0-19	g-14		148090-0-01	A-51		148197-0-00	E-32	
	d'-7		146975-0-21	h-14		148091-0-01	A-33		148198-0-01	E-42	
	e-7		146975-0-23	j-12		148092-0-01	M-24			Y-30	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
148200-0-01	C-46-51		148782-0-01	C-56		151200-0-14	M-10		148092-0-01	J-26	
148204-0-01	C-45		148783-0-01	C-55			N-3		150339-0-01	I'-9	
148205-0-01	B-46			I-23			e-3		150351-0-01	I'-10	
148206-0-01	C-25			N-25			e'-3		151173-0-01	I'-7-10	
148207-0-00	C-26			d-27			k-5		151200-0-09	I'-6	
148208-0-01	C-29			e-25		151200-0-19	f-3				
148209-0-01	C-32-40-55			e'-25		151201-0-01	a-10-18				
148217-0-01	I-14-23			f-26		151201-0-02	F-25-43				
	N-16-25			k-27		151201-0-03	F-18-42				
	d-18-27		148813-0-01	E-24		151201-0-04	F-44-45				
	e-16-25		148838-0-01	D-12		151206-0-11	b-3				
	e'-16-25		148847-0-01	D-11			d'-3				
	f-17-26			D-13		180323-0-01	C-12-13				
	k-18-27		148851-0-01	f-31		181031-0-01	P-1-7				
148220-0-01	C-3-8		148857-0-01	B-45		181628-0-01	C-47-48				
148224-0-01	C-2			C-5		181629-0-01	C-4-5				
148225-0-01	B-42			C-48		181630-0-01	C-3-6-7				
148226-0-01	C-10			D-26		181631-0-01	C-46-49-50				
148227-0-00	C-11		148858-0-01	B-18-21		181969-0-03	A-63-64				
148228-0-00	C-15			44-45		181995-0-02	D-28-29				
148229-0-01	C-14			72-75			K-19-20				
148247-0-01	B-33		148859-0-00	A-78			L-19-20				
148248-0-00	D-2		148925-0-01	J'-14			g-21-22				
148249-0-00	C-41		148982-0-01	A-34-38-80			h-21-22				
	I-25		148984-0-01	A-80		210973-0-01	Z-8				
	N-27			K-52		151200-	Y-22				
	d'-29			L-55		181656-0-01	B-44-45				
	e-27			a-21		146782-0-01	C-12				
	e'-27			g-55		151238-0-02	P-18-34				
	f-28			h-58							
	k-29		148985-0-01	a-4-8-21		001670-6-14	I'-11				
148250-0-01	C-53		149171-0-01	C-16		009639-3-12	d-7				
148251-0-01	C-23		149172-0-01	C-34		009660-4-12	I'-7				
148253-0-01	F-20			I-20		009670-6-12	I'-21				
148254-0-01	F-22			N-22		009679-3-12	I'-15				
148258-0-02	Y-19			d'-24		009680-7-12	I'-19				
148259-0-01	Y-32			e-22		014680-4-22	J-25				
148262-0-01	D-48-50			e'-22			d-13				
148269-0-01	B-1-8			f-23		025030-1-32	I'-2				
148281-0-01	E-40			k-24			d-4				
148304-0-01	A-53		149173-0-01	Y-6		025030-2-32	I'-8				
148311-1-01	J'-1-9					048030-3-42	I'-16				
148313-0-01	J'-5		149253-0-01	P-26		100080-0-04	I'-1				
148314-0-01	J'-10-12		149255-0-01	P-29			d-3				
148315-0-01	B-28		149256-0-01	P-34		100105-0-05	d-9				
148346-0-01	E-22-25		149257-0-01	P-30		111443-0-01	I'-13				
148348-0-01	Z-4-7		149566-0-02	K-25		142201-0-01	J-23				
148352-0-01	J'-10-12			L-25		144104-0-01	d-17				
148354-0-01	J'-11			g-26		146427-0-01	d-2				
148355-0-01	J'-12			h-27		146749-0-01	d-15				
148373-0-00	B-41		150160-0-02	Z-15		146759-0-01	I'-17				
148387-0-01	P-24		150161-0-02	z-1		146760-0-01	I'-20				
148388-0-01	P-20		150339-0-01	J-9		146775-0-01	d-1-2				
148389-0-01	P-23		150351-0-01	J-10		146887-0-01	I'-3				
148390-0-01	P-21		150382-0-01	C-46			d-5				
148395-0-01	P-19-23		150550-0-00	Z-1		146888-0-01	d-8				
148402-0-01	d'-16		150553-0-02	K-44		146889-0-01	d-10				
148403-0-01	D-55			L-44		146890-0-01	I'-1-5				
148404-0-01	D-59			g-46		146892-0-01	I'-4				
148425-0-01	C-3			h-46		146965-0-01	d-3-11				
	C-7		150556-0-02	K-49		146966-0-01	d-6				
	C-50			L-49		146974-0-10	J-22				
148430-0-01	Y-14			g-51		146975-0-10	d-16				
148431-0-01	Y-17			h-51		147710-0-01	I'-7-20				
148432-0-01	Y-18		150934-0-01	d'-14		147711-0-01	I'-12				
148433-0-00	Z-12		151017-0-01	Z-1-3		147712-0-01	I'-18				
148753-0-01	L-9		151173-0-01	J-7-10		147713-0-01	I'-14				
	h-12		151200-0-09	J-6		147935-0-01	J-24-25				
148754-0-01	L-10		151200-0-11	B-12		147936-0-01	d-12-13				
	h-11		151200-0-14	I-1		148031-0-01	d-14				

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