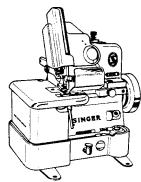
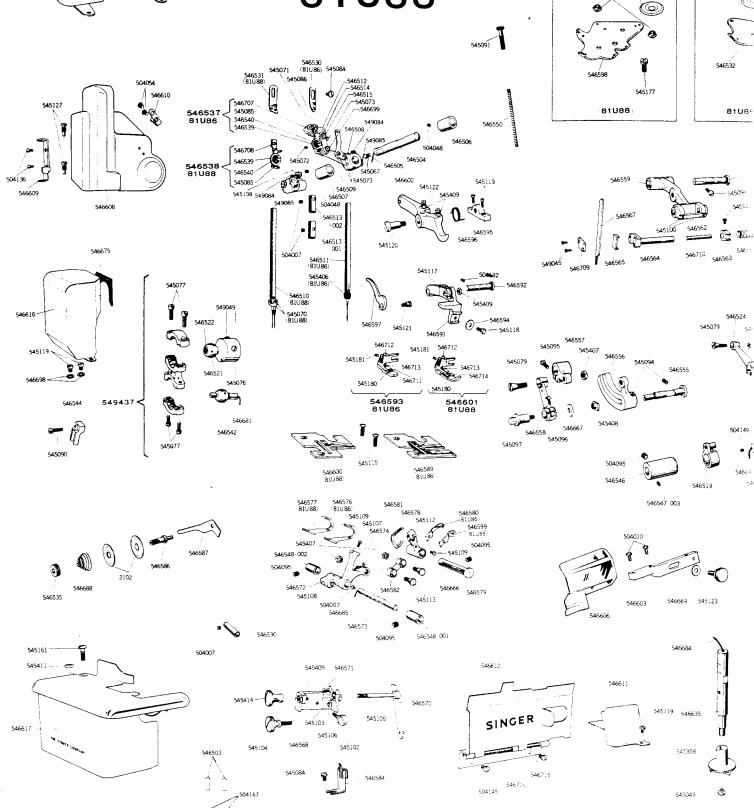
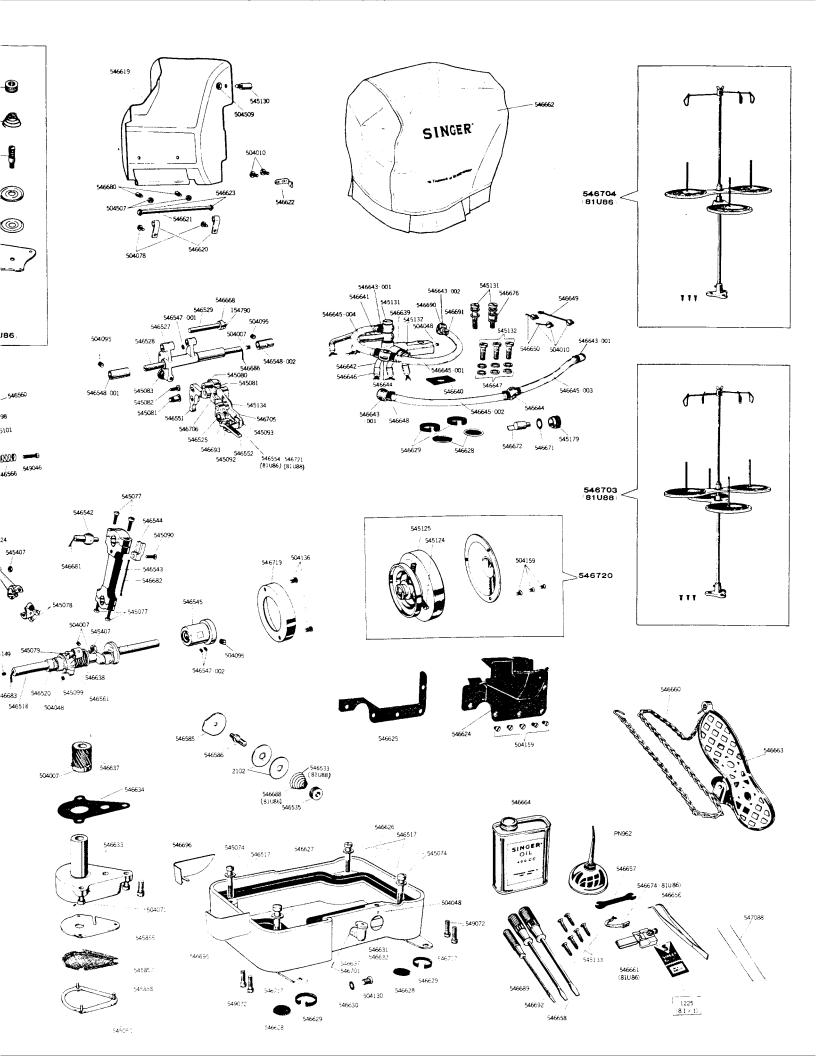
# **SINGER** 81U86,U88



## SINGER\*

81U86 81U88





#### NUMERICAL LIST OF PARTS FOR MACHINES 81U86 AND 81U88

		DART NO	DESCRIPTION	DART NO	DESCRIPTION
PART NO. 2102	DESCRIPTION Tension (looper, left hand) Disc (2)	PART NO. 504509 (809)	DESCRIPTION Frame Back Cover Thumb Screw Nut	PART NO. 545101 (850)	DESCRIPTION Knife (movable) Holder Guide Set Screw
2102	Tension (looper, right hand) Disc (2)	545049 (805)	Oil Pump (centrifugal) Impeller Locking Screw	545102 (850) 545103 (850)	Knife (stationary) Holder Screw Knife (stationary) Holder Stop
2102	Tension (needle thread) Disc (2), for 81U86	545050 (805)	Oil Pump (centrifugal) Screen Frame Screw (3)	545104 (850)	Screw (2) Knife (stationary) Holder Regu-
2102	Tension (needle thread) Disc (4), for 81U88	545067 (821)	Needle Bar Crank Shaft Plug Screw	545105 (850)	lating Thumb Screw Knife (stationary) Clamping Stud
154790 (852)	Feed (front) Bar Hinge Pin Collar Set Screw	545070 (830)	Needle Set Screw (2), for 81U88	545106 (850) 545107 (853)	Needle Guard Screw Thread (looper, left hand)
504007 (850)	Feed (front) Eccentric Set Screw (2)	545071 (853)	Needle Bar Connecting Bracket Clamping Screw	545108 (833)	Eyelet Screw
504007 (850)	Feed (front) Rock Shaft Hinge Pin Plug Screw	545072 (833)	Needle Bar Connecting Link Hinge Pin Set Screw	0.0100 (000)	Spreader Lever Ball Stud Set Screw
504007 (850)	Looper (right hand) and Spreader Lever Hinge Pin	545073 (853)	Needle Bar Connecting Link Hinge Pin Set Screw	545108 (833)	Needle Bar Crank (back) Ball Stud Set Screw
504007 (850)	Plug Screw Needle Bar Bushing (lower) Set	545073 (853)	Thread (needle) Take-up Screw (2)	545109 (853)	Thread (looper, right hand) Take-up Screw
504007 (050)	Screw	, ,	Frame Screw (4)	545109 (853)	Looper (right hand) Screw
504007 (850)	Needle Bar Bushing (upper) Set Screw	,	Frame Rotary Shaft Crank Position Screw	545112 (810)	Looper (left hand) Clamping Screw
504007 (850)	Oil Pump (centrifugal) Impeller Shaft Gear Set Screw (2) Thread (looper, left hand) Tube	545077 (850)	Looper (right hand) and Spreader Lever Connection Cap Screw (4)	,	Looper (left hand) Lever Con- necting Link Hinge Screw (2)
,	Set Screw Chip Guard Screw (2)	545077 (850)	Needle Bar Connecting Rod Cap Screw (4)	545115 (829) 545117 (853)	Throat Plate Screw (2) Presser Lever Screw Stud
	Frame Back Cover Lock Spring	545078 (803)	Feed (front) Connecting Rod	E4E119 /0E2\	(eccentric)
	Screw (2)	E4E070 (0E0)	Cap Screw (2)	545118 (853) 545119 (853)	
504010 (829)		5450/9 (850)	Feed (front) Connecting Rod Hinge Screw	545119 (853)	•
	Feed (front) Lifting Eccentric Set Screw (2)	545079 (850)	Feed (front) Regulator Con- nection Hinge Screw		Spreader Lever Connection Cover Screw (2)
504048 (833) 504048 (833)	ing (back) Set Screw	545079 (850)	Knife (movable) Lever Con- nection Hinge Screw	545119 (853) 545120 (829)	Lifting Lever Bracket Screw (2) Lifting Lever Hinge Screw
504046 (655)	Needle Bar Crank Shaft Bush- ing (front) Set Screw	545080 (803)	Feed (front) Bar Hinge Pin Set	545121 (810)	Presser Lever Lifter Hinge Screw
504048 (833)	Oil Gauge Window Plug Screw	545081 (803)	Screw Feed (back) Connecting Link	545122 (853)	Lifting Lever Stop Screw (2)
504048 (833)	Oil Tube Joint Frame Plug Screw	,	Hinge Screw	545123 (852) 545124 (850)	Chip Guard Holder Thumb Screw Balance Wheel Set Screw
504054 (819)	Needle Bar Cover Lock Spring Screw (2)	545081 (803)	Feed (back) Regulator Hinge Screw	545125 (850)	Balance Wheel Position Screw
504071 (833)	Oil Pump (centrifugal) Body	545082 (803)	Feed (back) Regulator Set Screw	545127 (850)	Needle Bar Cover Hinge Screw (2)
504079 (903)	Screw (3) Frame Back Cover Bracket	545083 (853)	Feed (back) Regulator Thumb Screw	545130 (810)	Frame Back Cover Thumb Screw
304078 (803)	Screw (2)	545084 (853)	Thread (needle) Eyelet Screw	545131 (809)	Oil Tube Joint Bolt (large) (3)
504095 (850)	Feed (front) Rock Shaft Hinge Pin Bushing (left) Set Screw	545084 (853)	Thread (looper, right hand) Staple Screw	545132 (809) 545134 (803)	Oil Tube Joint Bolt (small) (4) Feèd (back) Bar Hinge Screw
504095 (850)	Feed (front) Rock Shaft Hinge Pin Bushing (right) Set Screw	545085 (829)	Needle Bar Thread Retainer Screw, for 546537 and		Cloth Plate Hinge Screw Tension (needle thread) Thread
504095 (850)	Frame Rotary Shaft Bushing (front) Set Screw	545086 (829)	546538  Needle Bar Thread Retainer  Bracket Screw	545179 (803)	Guide Screw, for 81U88 Oil Flow Regulating Pin Clamp
504095 (850)	Frame Rotary Shaft Flanged Bushing (back) Set Screw	545090 (803)		545180 (803)	Screw Presser Foot Chaining-Off
504095 (850)	Looper (right hand) and Spreader Lever Hinge Pin Bushing (back) Set Screw	545090 (803)	Guide Screw Needle Bar Connecting Rod		Finger Screw, for 546593 and 546601
504095 (850)	Looper (right hand) and Spreader Lever Hinge Pin Bushing (front) Set Screw	545091 (829)	Guide Screw Presser Regulating Thumb Screw	545181 (803)	Presser Foot Plate Spring Adjusting Pin Set Screw, for 546593 and 546601
504095 (850)	Looper (left hand) Lever Hinge Stud Set Screw	545092 (803) 545093 (803)		545406 (853)	Needle Clamping Nut, for 81U86
504130 (850)	Machine Base and Oil Reservoir Oil Drain Cap Screw	545094 (833)		545407 (819)	Feed (front) Connecting Rod Hinge Screw Nut
504134 (850)	· · · · · · · · · · · · · · · · · · ·	545095 (803)	Feed (front) Rock Shaft Crank	545407 (819)	Feed (front) Regulator Con- nection Hinge Screw Nut
504136 (825)	Balance Wheel Oil Guard Screw (2)	545096 (803)		545407 (819)	Knife (movable) Lever Con- nection Hinge Screw Nut
504136 (825)	_	545097 (803)		545407 (819)	Looper (left hand) Lever Con- necting Link Hinge Screw
	Frame Side Cover Screw (2)	545098 (850)		545408 (803)	Nut (2) Feed (front) Regulating Screw Stud Nut
504159 (819) 504159 (819)	Balance Wheel Cap Screw (3) Frame Rotary Shaft Cover Screw (5)	545099 (803)	Stud Set Screw  Knife (movable) Lever Connection Cap Screw (2)	545409 (819)	Knife (stationary) Holder Stop Screw Nut (2)
504167 (805)	Arm Screw (2)	545100 (850)	Knife (movable) Holder Guide	545409 (821)	Lifting Lever Stop Screw Nut
	Thread Guide (looper, left hand) Lock Nut (2)	/	Plate Screw (2)		(2)

### NUMERICAL LIST OF PARTS FOR MACHINES 81U86 AND 81U88

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO	D. DESCRIPTION
546625	Frame Rotary Shaft Cover	546690	Oil Flow Check Valve Ball	546664	Oil (400 cc)
	Gasket	546691	Oil Flow Check Valve Ball Spring	546674	Spreader, for 81U86
546626	Machine Base and Oil Reservoir	546693	Feed (front) Bar Oil Pad	546689	Screw Driver (small)
546627	Machine Base and Oil Reservoir Gasket	546695	Frame Angle Cover (front)	546692	Screw Driver (medium)
546628	Oil Filter Screen (4)	546696	Frame Angle Cover (back)	547088	Threading Wire (2)
546629	Oil Filter Screen Clamp (4)	546697	Machine Base and Oil Reservoir Oil Cup	549130	Wood Screw No. $11 \times 1$ inch (4)
546630	Machine Base and Oil Reservoir	546698	Looper (right hand) and		
340000	Oil Drain Cap Screw Gasket	340030	Spreader Lever Connection		
546631	Oil Gauge Window		Cover Screw Washer (2)		
546632	Oil Gauge Window Gasket	546699	Needle Bar Connecting Link Hinge Pin Oil Wick (2)		FOOT LIETED
546633	Oil Pump (centrifugal) Body	546701	Machine Base and Oil Reservoir		FOOT LIFTER
546634	Oil Pump (centrifugal) Body	340/01	Oil Cup Gasket (2)		(Supplied with machine)
EACCOE	Gasket Oil Pump (centrifugal) Impeller	546705	Feed (back) Bar	546663	Foot Lifter Treadle, complete
546635	Shaft	546706	Feed (back) Connecting Link	546660	Foot Lifter Chain
546637	Oil Pump (centrifugal) Impeller	546707	Needle Bar Thread Retainer		
	Shaft Gear	F 4.0700	Bracket, for 546537		
546638	Feed (front) Eccentric and Gear with two 504007	546708	Needle Bar Thread Retainer Bracket, for 546538	•	THREAD UNWINDER
546639	Oil Tube Joint Frame	546709	Knife (movable) Holder Cap		(Supplied with machine)
546640	Oil Tube Joint Frame Gasket	546710	Knife (movable) Holder Screw		
546641	Oil Focal Point (large)	•	Extension Pin	546703	Thread Unwinder complete (for 4 spools), for 81U88
546642	Oil Focal Point (small)	546711	Presser Foot Chaining-off	546704	Thread Unwinder complete (for
546643-001	Oil Tube Joint (single way) (3)	F40710	Finger, for 546593	340704	3 spools), for 81U86
546643-002	Oil Tube Joint (single way)	546712	Presser Foot Plate Spring Adjusting Pin, for 546593		
	Suction End		and 546601		
546644	Oil Tube Joint (two way) (2)	546713	Presser Foot Plate Spring, for		KNEE LIFTER
546645-001	Oil Tube (vinyl)	E 4071 4	546593 and 546601	(Will be	supplied in place of Foot Lifter if
546645-002	Oil Tube (vinyl)	546714	Presser Foot Chaining-off Finger, for 546601	•	ed on order)
546645-003	Oil Tube (vinyl)	546715	Frame Side Cover Hinge Pin	EACTAC	Kana liftan nomenlete
546645-004	Oil Tube (vinyl)	546716	Frame Side Cover Hinge Pin	546746	Knee Lifter, complete
546646	Oil Focal Point Oil Wick (7)	340/10	Spring		
EACCAT					
546647 EACCAR	Oil Tube Clamp (8)	546717	Machine Base Cushion (2)	FOR	LIGHT AND MEDIUM WEIGHT
546648	Oil Tube Clamp (8)	546717 546719	Machine Base Cushion (2) Balance Wheel Oil Guard		LIGHT AND MEDIUM WEIGHT
546648 546649	Oil Tube Clamp (8) Oil Tube Holder (large)		Balance Wheel Oil Guard Balance Wheel with 545124,	1	FABRICS AND KNIT GOODS
546648 546649 546650	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2)	546719 546720	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159	(Supp	FABRICS AND KNIT GOODS lied only when specified on order)
546648 546649	Oil Tube Clamp (8) Oil Tube Holder (large)	546719 546720 546721	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88	(Supp 546724	FABRICS AND KNIT GOODS blied only when specified on order) Throat Plate, for 81U86
546648 546649 546650	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw	546719 546720	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159	(Supp 546724 546725	FABRICS AND KNIT GOODS blied only when specified on order) Throat Plate, for 81U86 Feed dog, for 81U86
546648 546649 546650 546666 546667	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer	546719 546720 546721 549045 (803)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap	(Supp 546724	FABRICS AND KNIT GOODS  lied only when specified on order)  Throat Plate, for 81U86  Feed dog, for 81U86  Presser Foot complete, Nos. 545180, 545181, 546711,
546648 546649 546650 546666	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw	546719 546720 546721 549045 (803) 549046 (803)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set	(Supp 546724 546725	FABRICS AND KNIT GOODS  lied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for
546648 546649 546650 546666 546667	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin	546719 546720 546721 549045 (803) 549046 (803) 549049 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw	(Supp 546724 546725 546726	FABRICS AND KNIT GOODS  blied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86
546648 546649 546650 546666 546667 546668 546669	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer	546719 546720 546721 549045 (803) 549046 (803) 549049 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw	(Supp 546724 546725 546726	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be
546648 546649 546650 546666 546667 546668 546669 546671	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O·Ring	546719 546720 546721 549045 (803) 549046 (803) 549049 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw	(Supp 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546650 546666 546667 546668 546669 546671 546672	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O·Ring Oil Flow Regulating Pin	546719 546720 546721 549045 (803) 549046 (803) 549049 (833) 549072 (805)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4)	(Supp 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be
546648 546649 546650 546666 546667 546668 546669 546671	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and	546719 546720 546721 549045 (803) 549046 (803) 549049 (833) 549072 (805)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Po-	(Supp 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546650 546666 546667 546668 546669 546671 546672	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O·Ring Oil Flow Regulating Pin	546719 546720 546721 549045 (803) 549046 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw	(Supp 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer	546719 546720 546721 549045 (803) 549046 (803) 549049 (833) 549072 (805) 549084 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw	(Supp 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand)	546719 546720 546721 549045 (803) 549046 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (back) Set Screw Needle Bar Crank (front) Set	(Supp. 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2)	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (back) Set Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw	(Supp. 546724 546725 546726 Note:	FABRICS AND KNIT GOODS  blied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS  blied only when specified on order)
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand)	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (back) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and	(Supp. 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS  Isolied only when specified on order)  Throat Plate, for 81U86
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675 546676 546680	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O·Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (back) Set Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw	(Supp. 546724 546725 546726 Note:	TABRICS AND KNIT GOODS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS  Isolied only when specified on order)  Throat Plate, for 81U86 Feed dog, for 81U86
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection	(Supp. 546724 546725 546726 Note:	Throat Plate, for 81U86 Feed dog, for 81U86 Feed dog, for 81U86 Fresser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Freed dog, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712,
546648 546649 546649 546650 546666 546667 546668 546669 546671 546672 546675 546676 546680 546681	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection	(Supp. 546724 546725 546726 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 5456713  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546711, 546712 and 546713, for 81U86  Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS  Dilied only when specified on order)  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675 546676 546680	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection	(Supp. 546724 546725 546726 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 54661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Diled only when specified on order)  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713, and 546743, for 81U86
546648 546649 546649 546650 546666 546667 546668 546669 546671 546672 546675 546676 546680 546681	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Looper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 546743	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 54661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order)  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546680 546681 546681	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549084 (833) 549085 (833)	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order)  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546681 546681 546682 546683 546683	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546680 546681 546682 546683	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10)	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order)  Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be
546648 546649 546650 546666 546667 546668 546669 546671 546672 546675 546676 546681 546681 546682 546683 546683 546684	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O-Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick Looper (right hand) and	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225 545133	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10) Wood Screw No. 11×1 inch (2)	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546681 546681 546682 546683 546683	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O Ring Oil Flow Regulating Pin Looper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick Looper (right hand) and Spreader Lever Hinge Pin Oil Wick Feed (front) Rock Shaft Hinge	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225 545133 546656	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10) Wood Screw No. 11×1 inch (2) Tweezers (curved)	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546680 546681 546681 546682 546683 546684 546685	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O Ring Oil Flow Regulating Pin O Ring Oil Flow Regulating Pin Looper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick Looper (right hand) and Spreader Lever Hinge Pin Oil Wick Feed (front) Rock Shaft Hinge Pin Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225 545133 546656 546657	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10) Wood Screw No. 11×1 inch (2) Tweezers (curved) Wrench	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546681 546681 546682 546683 546684 546685	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O Ring Oil Flow Regulating Pin Looper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick Looper (right hand) and Spreader Lever Hinge Pin Oil Wick Feed (front) Rock Shaft Hinge	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225 545133 546656 546657 546658	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10) Wood Screw No. 11×1 inch (2) Tweezers (curved) Wrench Screw Driver (large)	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when
546648 546649 546649 546650 546666 546667 546668 546669 546672 546675 546676 546680 546681 546681 546682 546683 546684 546685	Oil Tube Clamp (8) Oil Tube Holder (large) Oil Tube Holder (small) (2) Looper (left hand) Lever Hinge Stud Oil Wick Feed (front) Regulating Screw Stud Nut Washer Feed (front) Bar Hinge Pin Collar with 154790 Chip Guard Holder Thumb Screw Washer Oil Flow Regulating Pin O Ring Oil Flow Regulating Pin Locper (right hand) and Spreader Lever Connection Cover Gasket Oil Tube Joint Washer Thread Guide (looper, left hand) (2) Looper (right hand) and Spreader Lever Ball Stud Oil Wick Needle Bar Crank (back) Ball Stud Oil Wick Needle Bar Connecting Rod Oil Wick Frame Rotary Shaft Oil Wick Oil Pump (centrifugal) Impeller Shaft Oil Wick Looper (right hand) and Spreader Lever Hinge Pin Oil Wick Feed (front) Rock Shaft Hinge Pin Oil Wick	546719 546720 546721 549045 (803) 549049 (833) 549072 (805) 549084 (833) 549085 (833) 549085 (833) 549437 PN 962 1225 545133 546656 546657	Balance Wheel Oil Guard Balance Wheel with 545124, 545125 and three 504159 Feed (back) Dog, for 81U88 Knife (movable) Holder Cap Screw (2) Knife (movable) Holder Screw Frame Rotary Shaft Crank Set Screw Machine Base Cushion Screw (4) Needle Bar Crank (back) Position Screw Needle Bar Crank (front) Position Screw Needle Bar Crank (front) Set Screw Needle Bar Crank (front) Set Screw Looper (right hand) and Spreader Lever Connection with four 545077  ACCESSORIES Oiler Needle (81×1) #11 (10) Wood Screw No. 11×1 inch (2) Tweezers (curved) Wrench	(Supp. 546724 546725 546726 Note: Supp. 546724 546725 546742 S46743 Note:	Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546713, for 81U86 Welt Guide No. 546661 will be deleted from accessories when above parts are supplied.  MEDIUM AND HEAVY SWEATER MATERIALS Died only when specified on order) Throat Plate, for 81U86 Presser Foot complete, Nos. 545180, 545181, 546712, 546713 and 546743, for 81U86 Presser Foot Chaining-off Finger Welt Guide No. 546661 will be deleted from accessories when

546662

Machine Cover

Tension (looper, right hand) Spring, for 81U86

#### NUMERICAL LIST OF PARTS FOR MACHINES 81U86 AND 81U88

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
545409 (821)		546537	Needle Bar Thread Retainer	546571	Needle Guard
545409 (821)	Stud Nut (2), for 81U88		complete, Nos. 545085, 546540, 546707 and two 546539, for 81U86	546572	Looper (right hand) and Spreader Lever
545411 (805)		546538	Needle Bar Thread Retainer	546573	Looper (right hand) and
545414 (853) 545855	Stud Thumb Nut		complete, Nos. 545085, 546540, 546708 and two	546574	Spreader Lever Hinge Pin Thread (looper, left hand) Eyelet
545856	Oil Pump (centrifugal) Cover	EACERO	546539, for 81U88	546576	Looper (right hand), for 81U86
545857	Oil Pump (centrifugal) Impeller Oil Pump (centrifugul) Screen	546539	Needle Bar Thread Retainer Disc (2), for 546537 and	546577	Looper (right hand), for 81U88
545858	Oil Pump (centrifugal) Screen	F 40 F 40	546538	546578	Looper (left hand) Lever
546503	Frame Arm Dowel Pin (2)	546540	Needle Bar Thread Retainer Spring, for 546537 and	546579	Looper (left hand) Lever Hinge Stud
546504	Needle Bar Crank Shaft	546541	546538 Needle Bar Crank (back) with	546580	Thread (looper, right hand) Take-up, for 81U86
546505	Needle Bar Crank Shaft Oil		545108, 549084 and 549085	546581	Looper (left hand)
546506	Wick Needle Bar Crank Shaft Bush-	546542	Looper (right hand) and Spreader Lever Ball Stud	546582	Looper (left hand) Lever Con- necting Link
546507	Needle Bar Crank Shaft Bush-	546542	Needle Bar Crank (back) Ball Stud	546584	Thread (looper, right hand) Staple
546508	ing (back) Needle Bar Crank (front) with	546543	Needle Bar Connecting Rod with four 545077	546585	Tension (looper, right hand) Thread Guide
546509	549084 and 549085 Thread (needle) Take-up	546544	Looper (right hand) and Spreader Lever Connection	546586	Tension (looper, left hand)
546510	Needle Bar with two 545070,		Guide	546586	Screw Stud
546511	for 81U88 Needle Bar with 545406, for	546544	Needle Bar Connecting Rod Guide		Tension (looper, right hand) Screw Stud
546512	81U86 Needle Bar Connecting Bracket	546545	Frame Rotary Shaft Flanged Bushing (back)	546586	Tension (needle thread) Screw Stud (2), for 81U88
546513-001	with 545071 Needle Bar Bushing (lower)	546546	Frame Rotary Shaft Bushing (front)	546587	Tension (looper, left hand) Thread Guide
546513-002	Needle Bar Bushing (lower)	546547-001	Oil Pad, for Feed Front Rock	546589	Throat Plate, for 81U86
546514	Needle Bar Connecting Link	F46547 000	Shaft	546590 546501	Thread (looper, left hand) Tube
546515	Needle Bar Connecting Link	546547-002	Oil Pad, for Frame Rotary Shaft Flanged Bushing (2)	546591 546592	Presser Lever Presser Lever Hinge Stud.
546517	Hinge Pin (2)	546547-003	Oil Pad, for Frame Rotary Shaft	546593	Presser Foot complete, Nos.
546518	Frame Screw Washer (4) Frame Rotary Shaft	F46F40 001	Bushing (front)		545180, 545181, 546711,
546519	Feed (front) Lifting Eccentric Connection	546548-001	Feed (front) Rock Shaft Hinge Pin Bushing (left)	FACEDA	546712 and 546713, for 81U86
546520	Feed (front) Lifting Eccentric	546548-001	Looper (right hand) and Spreader Lever Hinge Pin	546594	Presser Foot Screw Washer
	with two 504048		Bushing (front)	546595 546596	Lifting Lever Bracket Lifting Lever Spring
546521	Frame Rotary Shaft Crank with 545076, 546522 and 549049	546548-002	Feed (front) Rock Shaft Hinge Pin Bushing (right)	546597	Presser Lever Lifter
546522	Frame Rotary Shaft Crank Oil Pad (felt)	546548-002	Looper (right hand) and Spreader Lever Hinge Pin	546598	Tension (needle thread) Thread Guide, for 81U88
546524	Feed (front) Connecting Rod with two 545078	546550	Bushing (back) Presser Lever Spring	546599	Thread (looper, right hand) Take-up, for 81U88
546525	Feed (front) Bar	546551	Feed (back) Regulator	546600	Throat Plate, for 81U88
546527	Feed (front) Rock Shaft	546552	Feed (front) Dog	546601	Presser Foot complete, Nos.
546528	Feed (front) Rock Shaft Hinge Pin	546554 546555	Feed (back) Dog, for 81U86 Feed (front) Regulator Hinge		545180, 545181, 546712, 546713 and 546714, for 81U88
546529	Feed (front) Bar Hinge Pin	540555	Stud	546602	Lifting Lever with two 545122
546530	Thread (needle) Eyelet, for 81U86	546556	Feed (front) Regulator with two 545094	E40000	and 545409
546531	Thread (needle) Eyelet, for 81U88	546557	Feed (front) Rock Shaft Crank with 545095	546603 546606	Chip Guard Holder Chip Guard
546532	Tension (needle thread) Thread Guide, for 81U86	546558	Feed (front) Regulator Connection with 545096	546608 546609	Needle Bar Cover Needle Bar Cover Bracket
546533	Tension (looper, right hand) Spring, for 81U88	546559	Knife (movable) Lever	546610	Needle Bar Cover Lock Spring
546533	Tension (needle thread) Spring, for 81U86	546560	Knife (movable) Lever Hinge Stud	546611 546612	Frame Side Cover complete,
546533	Tension (needle thread) Spring	546561	Knife (movable) Lever Con- nection with two 545099	546616	Nos. 546715 and 546716  Looper (right hand) and
546535 (821)	(2), for 81U88 Tension (looper, left hand)	546562	Knife (movable) Holder Guide Plate		Spreader Lever Connection Cover
546535 (821)	Regulating Thumb Nut Tension (looper, right hand)	546563	Knife (movable) Holder Guide with 545101	546617 546619	Cloth Plate, complete Frame Back Cover
546535 (821)	Regulating Thumb Nut Tension (needle thread) Regu-	546564	Knife (movable) Holder	546620	Frame Back Cover Bracket (2)
	lating Thumb Nut, for 81U86	546565 546566	Knife (movable) Gib Knife (movable) Holder Spring	546621 546622	Frame Back Cover Hinge Pin Frame Back Cover Lock Spring
546535 (821)	Tension (needle thread) Regulating Thumb Nut (2), for	546567	Knife (movable)	546623	Frame Back Cover Lock Spring
	81U88	546568	Knife (stationary) Holder with		Washer (2)
546536	Tension (needle thread) Screw Stud, for 81U86	546570	two 545103 and 545409 Knife (stationary) with Stud	546624	Frame Rotary Shaft Cover, complete