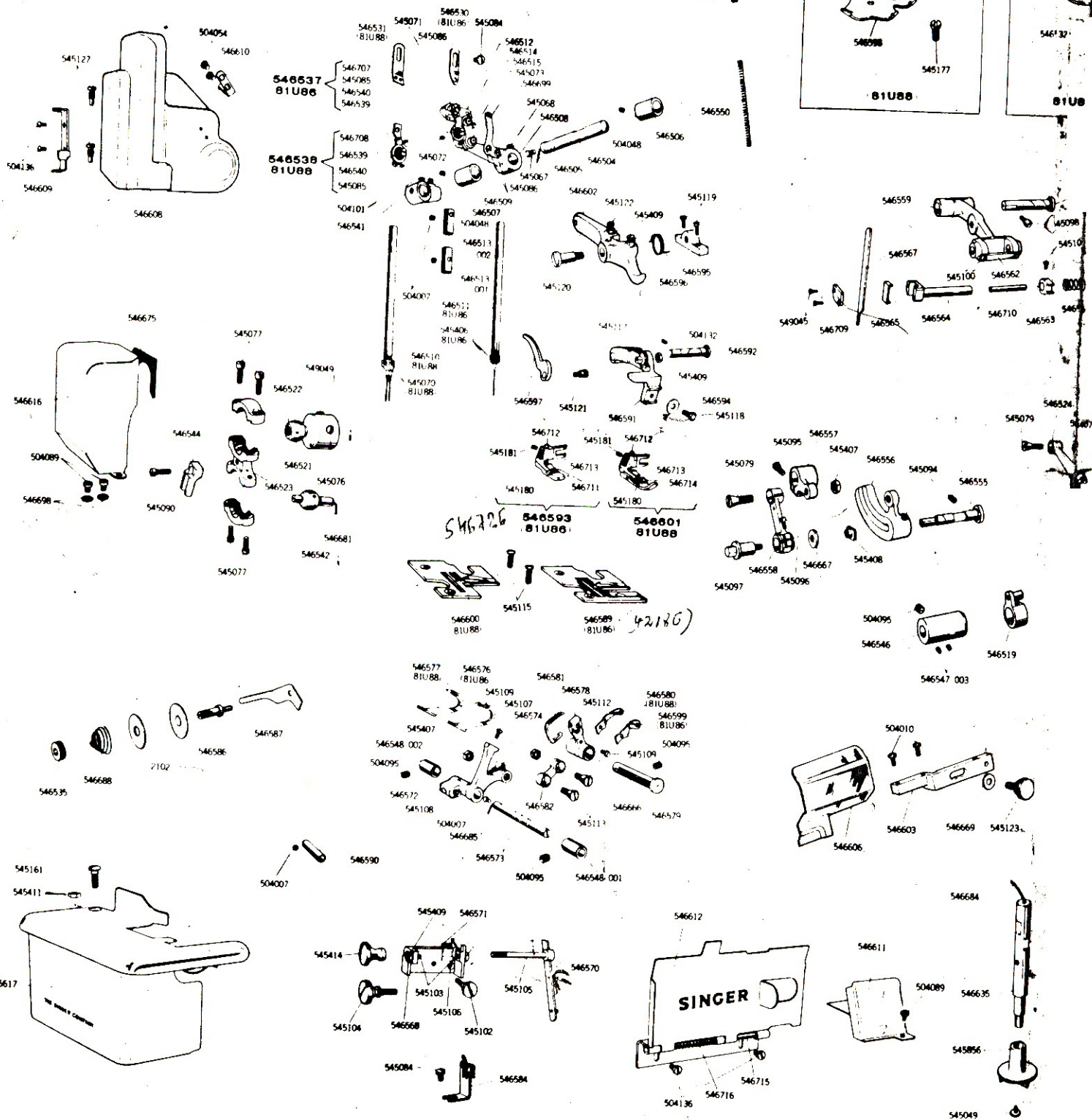
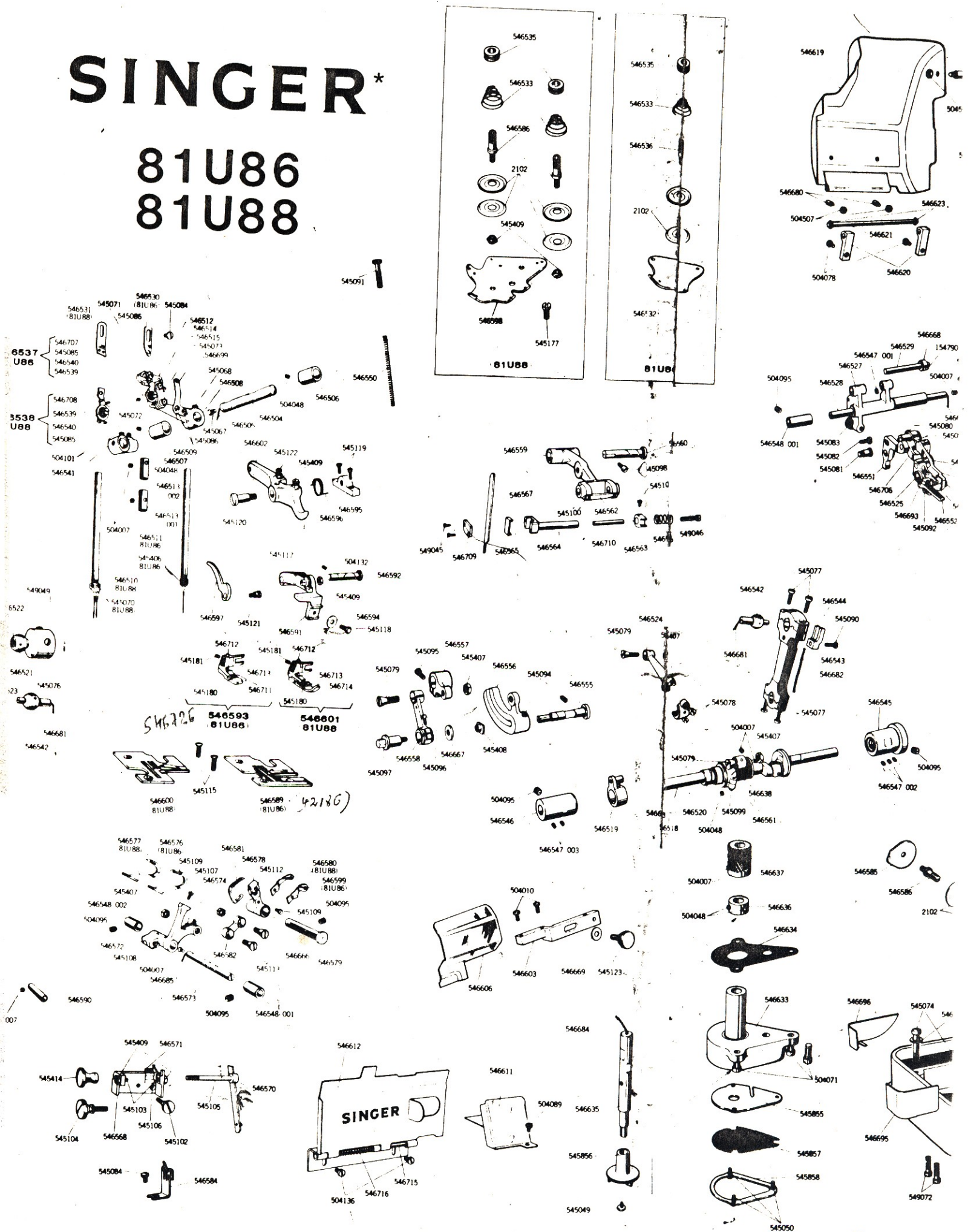


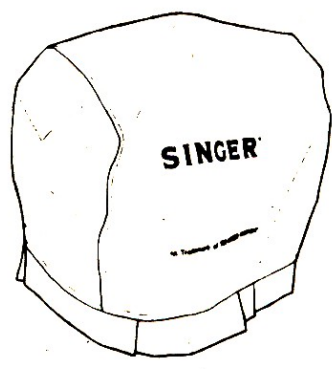
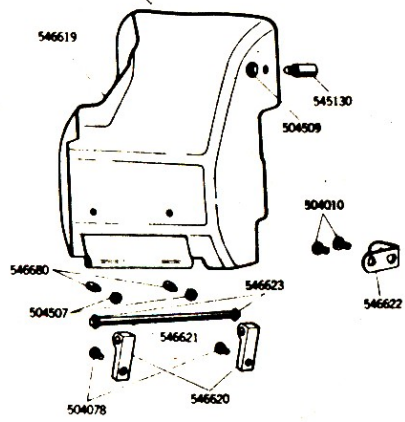
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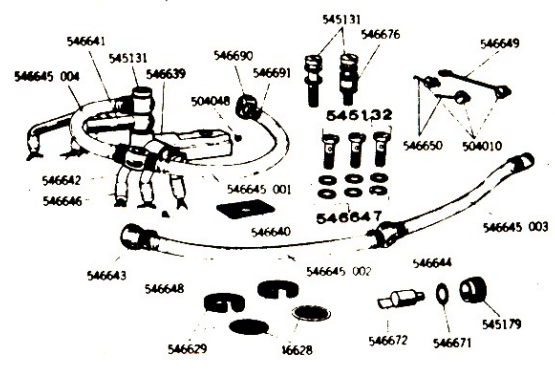
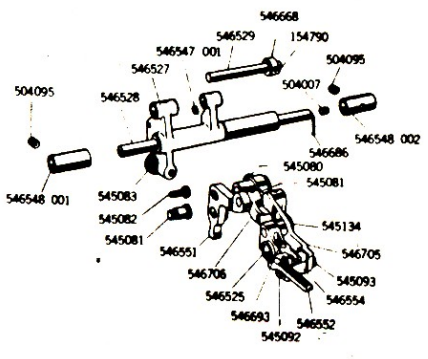
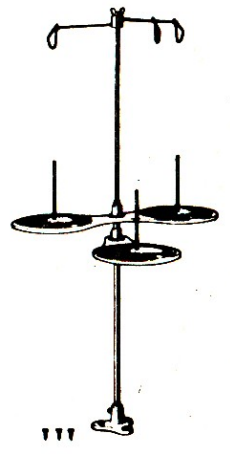
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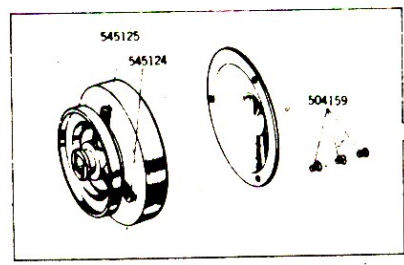
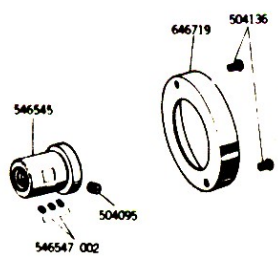
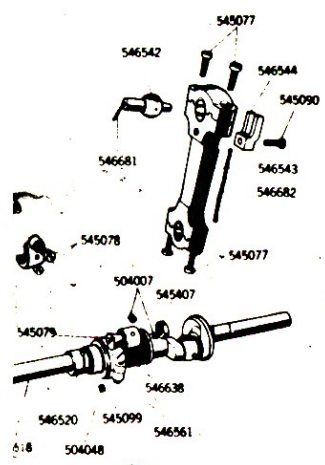
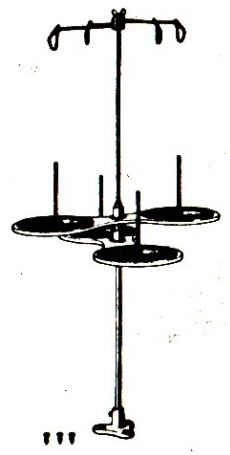


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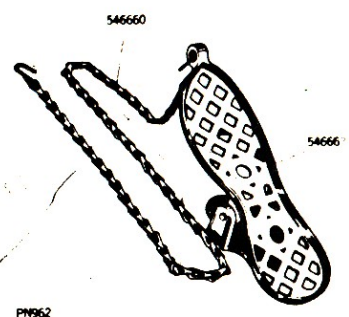
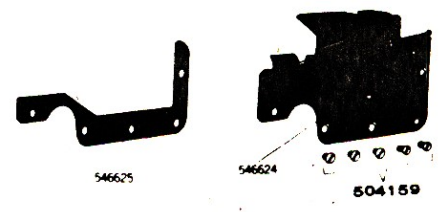
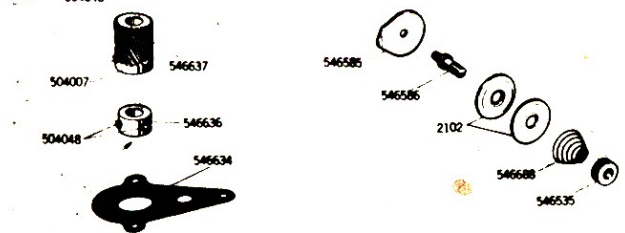
546704
81U86



546703
81U86



546720



546664

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546657

546674 (81U86)
546656

545133

546661 (81U86)

1295
(81 x 1)

547088

NUMERICAL LIST OF PARTS FOR 81U86 AND 81U88

PART No.	PART NAME	PART No.	PART NAME	PART No.	PART NAME
2102	Tension (Needle Thread) Disc (2)	504136 (825)	Needle Bar Cover Bracket Screw (2)	545096 (803)	Feed (Front) Regulator Connection Adjusting Screw
2102	Tension (Looper, Left Hand) Disc (2)	504159 (819)	Balance Wheel Cap Screw (3)	545097 (803)	Feed (Front) Regulating Screw Stud
2102	Tension (Looper, Right Hand) Disc (2)	504159 (819)	Frame Rotary Shaft Cover Screw (5)	545098 (833)	Knife (Movable) Lever Hinge Stud Set Screw
154790 (852)	Feed (Front) Bar Hinge Pin Collar Set Screw	504167 (805)	Arm Screw (2) (Not illustrated)	545099 (803)	Knife (Movable) Lever Connection Cap Screw (2)
154905	Number Plate Rivet (2) (Not illustrated)	504507 (809)	Thread Guide (Looper, Left Hand) Lock Nut (2)	545100 (850)	Knife (Movable) Holder Guide Plate Screw (2)
154905	Trademark Rivet (2) (Not illustrated)	504509 (809)	Frame Back Cover Thumb Screw Nut	545101 (850)	Knife (Movable) Holder Guide Set Screw
504007 (850)	Feed (Front) Rock Shaft Hinge Pin Plug Screw	505049 (805)	Oil Pump (Centrifugal) Impeller Locking Screw	545102 (850)	Knife (Stationary) Holder Screw
504007 (850)	Feed (Front) Eccentric Set Screw (2)	545050 (805)	Oil Pump (Centrifugal) Screen Frame Screw (3)	545103 (850)	Knife (Stationary) Holder Stop Screw (2)
504007 (850)	Looper (Right Hand) and Spreader Lever Hinge Pin Plug Screw (2)	545067 (821)	Needle Bar Crank Shaft Plug Screw	545104 (850)	Knife (Stationary) Holder Regulating Thumb Screw
504007 (850)	Needle Bar Bushing Set Screw (2)	545068 (850)	Needle Bar Crank (Front) Set Screw (2)	545105 (850)	Knife (Stationary) Clamping Stud
504007 (850)	Oil Pump (Centrifugal) Impeller Shaft Gear Set Screw (2)	545070 (833)	Needle Set Screw (2), for 81U88	545106 (850)	Needle Guard Screw
504007 (850)	Thread (Looper, Left Hand) Tube Set Screw	545071 (821)	Needle Bar Connecting Bracket Clamping Screw	545107 (803)	Thread (Looper, Left Hand) Eyelet Screw
504010 (829)	Chip Guard Screw (2)	545072 (833)	Needle Bar Connecting Link Hinge Pin Set Screw	545108 (833)	Looper (Right Hand) and Spreader Lever Ball Stud Set Screw
504010 (829)	Frame Back Cover Lock Spring Screw (2)	545073 (806)	Needle Bar Connecting Link Hinge Pin Set Screw	545109 (810)	Looper (Right Hand) Screw
504010 (829)	Oil Tube Holder Screw (3)	545074 (805)	Frame Screw (4)	545109 (821)	Thread (Looper, Right Hand) Take Up Screw
504048 (850)	Feed (Front) Lifting Eccentric Set Screw (2)	545076 (830)	Frame Rotary Shaft Crank Position Screw	545112 (810)	Looper (Left Hand) Clamping Screw
504048 (850)	Needle Bar Crank Shaft Bushing Set Screw (2)	545077 (833)	Looper (Right Hand) and Spreader Lever Connection Cap Screw (4)	545113 (803)	Looper (Left Hand) Lever Connecting Link Hinge Screw (2)
504048 (850)	Oil Gauge Window Plug Screw	545077 (833)	Needle Bar Connecting Rod Cap Screw (4)	545115 (829)	Throat Plate Screw (2)
504048 (850)	Oil Pump (Centrifugal) Impeller Shaft Collar Set Screw (2)	545078 (833)	Feed (Front) Connecting Rod Cap Screw (2)	545117 (853)	Presser Lever Screw Stud (Eccentric)
504048 (850)	Oil Tube Joint Frame Plug Screw (2)	545079 (803)	Feed (Front) Connecting Rod Hinge Screw	545118 (850)	Presser Foot Screw
504054 (818)	Needle Bar Cover Lock Spring Screw (2)	545079 (803)	Feed (Front) Regulator Connection Hinge Screw	545119 (853)	Lifting Lever Bracket Screw
504071 (833)	Oil Pump (Centrifugal) Body Screw (3)	545079 (803)	Knife (Movable) Lever Connection Hinge Screw	545120	Lifting Lever Hinge Screw
504078 (803)	Frame Back Cover Bracket Screw (2)	545080 (803)	Feed (Front) Bar Hinge Pin Set Screw	545121	Presser Lever Lifter Hinge Screw
504089 (832)	Frame Top Cover Screw	545081 (803)	Feed (Back) Connecting Link Hinge Screw	545122 (853)	Lifting Lever Stop Screw (2)
504089 (832)	Looper (Right Hand) and Spreader Lever Connection Cover Screw (2)	545081 (803)	Feed (Back) Regulator Hinge Screw	545123 (852)	Chip Guard Holder Thumb Screw
504095 (850)	Feed (Front) Rock Shaft Hinge Pin Bushing Set Screw (2)	545082 (803)	Feed (Back) Regulator Set Screw	545124 (850)	Balance Wheel Set Screw
504095 (850)	Frame Rotary Shaft (Front) (Back) Set Screw (2)	545083 (853)	Feed (Back) Regulator Thumb Screw	545125 (850)	Balance Wheel Position Screw
504095 (850)	Looper (Left Hand) Lever Hinge Stud Set Screw	545084 (821)	Thread (Looper, Right Hand) Staple Screw	545127 (850)	Needle Bar Cover Hinge Screw (2)
504095 (850)	Looper (Right Hand) and Spreader Lever Hinge Pin Bushing Set Screw (2)	545084 (854)	Thread (Needle) Eyelet Screw	545130 (810)	Frame Back Cover Thumb Screw
504101 (850)	Needle Bar Crank (Back) Ball Stud Set Screw	545085 (821)	Needle Bar Thread Retainer Screw	545131 (809)	Oil Tube Joint Bolt (Large) (3)
504101 (850)	Needle Bar Crank (Back) Set Screw (2)	545086 (854)	Needle Bar Thread Retainer Bracket Screw	545132 (809)	Oil Tube Joint Bolt (Small) (4)
504102 (833)	Arm Oil Hole Plug Screw (4) (Not illustrated)	545086 (829)	Thread (Needle) Take-up Screw (2)	545134 (803)	Feed (Back) Bar Hinge Screw
504102 (833)	Frame Oil Hole Plug Screw (6) (Not illustrated)	545090 (803)	Looper (Right Hand) and Spreader Lever Connection Guide Screw	545161 (829)	Cloth Plate Hinge Screw
504130 (850)	Machine Base and Oil Reservoir Oil Drain Cap Screw	545090 (803)	Needle Bar Connecting Rod Guide Screw	545177 (853)	Tension (Needle Thread) Thread Guide Screw, for 81U88
504134 (850)	Presser Lever Hinge Stud Set Screw	545091 (829)	Presser Regulating Thumb Screw	545179 (805)	Oil Flow Regulating Pin Clamp Screw
504136 (825)	Balance Wheel Oil Guard Screw (2)	545092 (803)	Feed (Front) Dog Screw	545180 (803)	Presser Foot Chaining-Off Finger Screw
504136 (825)	Frame Side Cover Bracket Screw (2)	545093 (803)	Feed (Back) Dog Screw	545181 (803)	Presser Foot Spring Adjusting Pin Set Screw
		545094 (833)	Feed (Front) Regulator Set Screw (2)	545406 (853)	Needle Clamping Nut
		545095 (803)	Feed (Front) Rock Shaft Crank Clamping Screw	545407 (819)	Feed (Front) Connecting Rod Hinge Screw Nut
				545407 (819)	Feed (Front) Regulator Connection Hinge Screw Nut
				545407 (819)	Knife (Movable) Lever Connection Hinge Screw Nut

NUMERICAL LIST OF PARTS FOR 81U86 AND 81U88

PART No.	PART NAME	PART No.	PART NAME	PART No.	PART NAME
545407 (819)	Looper (Left Hand) Lever Connecting Link Hinge Screw Nut (2)	546530	Thread (Needle) Eyelet, for 81U86	546561	Knife (Movable) Lever Connection with two 545099 (803)
545408 (803)	Feed (Front) Regulator Screw Stud Nut	546531	Thread (Needle) Eyelet, for 81U88	546562	Knife (Movable) Holder Guide Plate
545409 (819)	Knife (Stationary) Holder Stop Screw Nut (2)	546532	Tension (Needle Thread) Thread Guide, for 81U86	546563	Knife (Movable) Holder Guide
545409 (821)	Lifting Lever Stop Screw Nut (2)	546533	Tension (Needle Thread) Spring	546564	Knife (Movable) Holder
545409 (821)	Presser Lever Screw Stud Nut	546535 (821)	Tension (Looper, Right Hand) Regulating Thumb Nut	546565	Knife (Movable) Gib
545409 (809)	Tension (Needle Thread) Screw Stud Nut (2)	546535 (821)	Tension (Looper, Left Hand) Regulating Thumb Nut	546566	Knife (Movable) Holder Spring
545411 (805)	Cloth Plate Hinge Screw Nut	546535 (821)	Tension (Needle Thread) Regulating Thumb Nut	546567	Knife (Movable)
545414 (821)	Knife (Stationary) Clamping Stud Thumb Nut	546536	Tension (Needle Thread) screw Stud	546568	Knife (Stationary) Holder with two each 545103 (850) and 545409 (819)
545855	Oil Pump (Centrifugal) Cover	546537	Needle Bar Thread Retainer Complete, Nos. 545085 (821), 546707, two 546539 and 546540, for 81U86	546570	Knife (Stationary) with Stud Needle Guard
545856	Oil Pump (Centrifugal) Impeller	546538	Needle Bar Thread Retainer Complete, Nos. 545085 (821), 546708, two 546539 and 546540, for 81U88	546571	Looper (Right Hand) and Spreader Lever
545857	Oil Pump (Centrifugal) Screen	546539	Needle Bar Thread Retainer Disc (2)	546572	Looper (Right Hand) and Spreader Lever Hinge Pin
545858	Oil Pump (Centrifugal) Screen Frame	546540	Needle Bar Thread Retainer Spring	546573	Thread (Looper, Left Hand) Eyelet
546501	Arm (Not illustrated)	546541	Needle Bar Crank (Back) with three 504101 (850)	546574	Looper (Right Hand), for 81U86
546502	Arm and Frame Assembly, Nos. two 504167 (805), 546501, two 546503 and 546516, for 81U86 (Not illustrated)	546542	Looper (Right Hand) and Spreader Lever Ball Stud	546576	Looper (Right Hand), for 81U88
546503	Arm Dowel Pin (2) (Not illustrated)	546542	Needle Bar Crank (Back) Ball Stud	546577	Looper (Right Hand), for 81U88
546504	Needle Bar Crank Shaft	546543	Needle Bar Connecting Rod with four 545077 (833)	546578	Looper (Left Hand) Lever
546505	Needle Bar Crank Shaft Oil Wick	546544	Looper (Right Hand) and Spreader Lever Connection Guide	546579	Looper (Left Hand) Lever Hinge Stud
546506	Needle Bar Crank Shaft Bushing (Front)	546544	Needle Bar Connecting Rod Guide	546580	Thread (Looper, Right Hand) Take-Up, for 81U86
546507	Needle Bar Crank Shaft Bushing (Back)	546545	Frame Rotary Shaft Flanged Bushing (Back)	546581	Looper (Left Hand) ✓
546508	Needle Bar Crank (Front) with two 545068 (850)	546546	Frame Rotary Shaft Bushing (Front)	546582	Looper (Left Hand) Lever Connecting Link
546509	Thread (Needle) Take-Up	546547-001	Oil Pad for Feed Bar	546584	Thread (Looper, Right Hand) Staple
546510	Needle Bar with two 545070 (833), for 81U88	546547-002	Oil Pad for Frame Rotary Shaft Flanged Bushing (Back) (3)	546585	Tension (Looper, Right Hand) Thread Guide
546511	Needle Bar with 545406 (853), for 81U86	546547-003	Oil Pad for Frame Rotary Shaft Bushing (Front)	546586	Tension (Looper, Right Hand) Screw Stud
546512	Needle Bar Connecting Bracket with 545071 (821)	546548-001	Looper (Right Hand) and Spreader Lever Hinge Pin Bushing (Front Side)	546586	Tension (Looper, Left Hand) Screw Stud
546513-001	Needle Bar Bushing (Lower)	546548-001	Feed (Front) Rock Shaft Hinge Pin Bushing (Left)	546586	Tension (Needle Thread) Screw Stud (2), for 81U88
546513-002	Needle Bar Bushing (Upper)	546548-002	Feed (Front) Rock Shaft Hinge Pin Bushing (Right)	546587	Tension (Looper, Left Hand) Thread Guide
546514	Needle Bar Connecting Link with 545072 (833), 545703 (806) and two 546515	546548-002	Looper (Right Hand) and Spreader Lever Hinge Pin Bushing (Back Side)	546589	Throat Plate, for 81U86
546515	Needle Bar Connecting Link Hinge Pin (2)	546550	Presser Lever Spring	546590	Thread (Looper, Left Hand) Tube
546516	Frame (Not illustrated)	546551	Feed (Back) Regulator	546591	Presser Lever
546517	Frame Screw Washer (4)	546552	Feed (Front) Dog	546592	Presser Lever Hinge Stud
546518	Frame Rotary Shaft	546554	Feed (Back) Dog	546593	Presser Foot Complete, for 81U86
546519	Feed (Front) Lifting Eccentric Connection	546555	Feed (Front) Regulator Hinge Stud	546594	Presser Foot Screw Washer
546520	Feed (Front) Lifting Eccentric with two 504048 (850)	546556	Feed (Front) Regulator with two 545094 (833)	546595	Lifting Lever Bracket
546521	Frame Rotary Shaft Crank with 545076 (830), 546522 and 549049 (833)	546557	Feed (Front) Rock Shaft Crank with 545095 (803)	546596	Lifting Lever Spring
546522	Frame Rotary Shaft Crank Oil Pad	546558	Feed (Front) Regulator Connection	546597	Presser Lever Lifter
546523	Looper (Right Hand) and Spreader Lever Connection with four 545077 (833)	546559	Knife (Movable) Lever	546598	Tension (Needle Thread) Thread Guide, for 81U88
546524	Feed (Front) Connecting Rod with two 545078 (833)	546560	Knife (Movable) Lever Hinge Stud	546599	Thread (Looper, Right Hand) Take-Up for 81U88
546525	Feed (Front) Bar			546600	Throat Plate, for 81U88
546527	Feed (Front) Rock Shaft			546601	Presser Foot Complete, for 81U88
546528	Feed (Front) Rock Shaft Hinge Pin			546602	Lifting Lever with two each 545122 (853) and 545409 (821)
546529	Feed (Front) Bar Hinge Pin			546603	Chip Guard Holder
				546606	Chip Guard
				546608	Needle Bar Cover
				546609	Needle Bar Cover Bracket
				546610	Needle Bar Cover Lock Spring

PARTS LIST OF PARTS FOR 81U86 AND 81U88

PART No.	PART NAME	PART No.	PART NAME	PART No.	PART NAME
546611	Frame Top Cover	546681	Needle Bar Crank (Back) Ball Stud Oil Wick	ATTACHMENT	
546612	Frame Side Cover with 546715 and 546716	546682	Needle Bar Connecting Rod Oil Wick	PN962	Oilier
546616	Looper (Right Hand) and Spreader Lever Connection Cover	546630	Machine Base and Oil Reservoir Oil Drain Cap Screw Gasket	1255 (81X1)	Needle
546617	Cloth Plate Complete	546631	Oil Gauge Window	545133	Wood Screw
546619	Frame Back Cover	546683	Frame Rotary Shaft Oil Wick	546656	Tweezers (Curved)
546620	Frame Back Cover Bracket (2)	546684	Oil Pump (Centrifugal) Impeller Shaft Oil Wick	546657	Wrench
546621	Frame Back Cover Hinge Pin	546685	Looper (Right Hand) and Spreader Lever Hinge Pin Oil Wick	546658	Screw Driver (Large)
546622	Frame Back Cover Lock Spring	546686	Feed (Front) Rock Shaft Hinge Pin Oil Wick	546660	Foot Lifter Chain
546623	Frame Back Cover Hinge Pin Washer (2)	546688	Tension (Looper, Right Hand) Spring	546661	Welt Guide Complete, for 81U86
546624	Frame Rotary Shaft Cover Complete	546688	Tension (Looper, Left hand) Spring	546662	Machine Cover
546625	Frame Rotary Shaft Cover Gasket	546690	Oil Flow Check Valve Ball	546663	Foot Lifter Treadle Complete
546626	Machine Base and Oil Reservoir	546691	Oil Flow Check Valve Ball Spring	546664	Oil (400 cc)
546627	Machine Base and Oil Reservoir Gasket	546693	Feed (Front) Bar Oil Pad	546674	Spreader, for 81U86
546628	Oil Filter Screen	546695	Frame Angle Cover (Front)	546689	Screw Driver (Small)
546629	Oil Filter Screen Clamp	546696	Frame Angle Cover (Back)	546692	Screw Driver (Medium)
546632	Oil Gauge Window Gasket	546697	Machine Base and Oil Reservoir Oil Cup	546703	Thread Unwinder, for Four Spools
546633	Oil Pump (Centrifugal) Body	546698	Looper (Right Hand) and Spreader Lever Connection Cover Screw Washer	546704	Thread Unwinder, for Three Spools
546634	Oil Pump (Centrifugal) Body Gasket	546699	Needle Bar Connecting Link Hinge Pin Oil Wick (2)	547088	Threading Wire (2)
546635	Oil Pump (Centrifugal) Impeller Shaft	546700	Needle Bar Crank Shaft Bushing Oil Wick (2) (Not illustrated)		
546636	Oil Pump (Centrifugal) Impeller Shaft Collar with two 504048 (850)	546701	Machine Base and Oil Reservoir Oil Cup Gasket		
546637	Oil Pump (Centrifugal) Impeller Shaft Gear with two 504007 (850)	546705	Feed (Back) Bar		
546638	Feed (Front) Eccentric and Gear with two 504007 (850)	546706	Feed (Back) Connecting Link		
546639	Oil Tube Joint Frame	546707	Needle Bar Thread Retainer Bracket, for 81U86		
546640	Oil Tube Joint Frame Gasket	546708	Needle Bar Thread Retainer Bracket, for 81U88		
546641	Oil Focal Point (Large)	546709	Knife (Movable) Holder Cap		
546642	Oil Focal Point (Small)	546710	Knife (Movable) Holder Screw Extension Pin		
546643	Oil Tube Joint (Single Way) (4)	546711	Presser Foot Chaining Off Finger, for 81U86		
546644	Oil Tube Joint (Two Way) (2)	546712	Presser Foot Spring Adjusting Pin		
546645-001	Oil Tube (Vinyl)	546713	Presser Foot Spring		
546645-002	Oil Tube (Vinyl)	546714	Presser Foot Chaining Off Finger		
546645-003	Oil Tube (Vinyl)	546715	Frame Side Cover Hinge Pin		
546645-004	Oil Tube (Vinyl)	546716	Frame Side Cover Hinge Pin Spring		
546646	Oil Focal Point Oil Wick (3)	546717	Machine Base Cushion		
546647	Oil Tube Joint Washer (13)	546718	Arm and Frame Assembly, Nos. two 504167 (805), 546501, two 546503 and 546516, for 81U88 (Not illustrated)		
546648	Oil Tube Clamp (8)	546719	Balance Wheel Oil Guard		
546649	Oil Tube Holder (Large)	546720	Balance Wheel with Cap, three 504149 (819), 545124 (850) and 545125 (850)		
546650	Oil Tube Holder (Small) (2)	549045 (803)	Knife (Movable) Holder Cap Screws (2)		
546666	Looper (Left Hand) Lever Hinge Stud Oil Wick	549046 (803)	Knife (Movable) Holder Screw		
546667	Feed (Front) Regulator Screw Stud Nut Washer	549049 (833)	Frame Rotary Shaft Crank Set Screw		
546668	Feed (Front) Bar Hinge Pin Collar with 154790 (852)	549072 (805)	Machine Base Cushion Screw (4)		
546669	Chip Guard Holder Thumb Screw Washer				
546671	Oil Flow Regulating Pin O-Ring				
546672	Oil Flow Regulating Pin				
546675	Looper (Right Hand) and Spreader Lever Connection Cover Gasket				
546676	Oil Tube Joint Washer				
546680	Thread Guide (Looper, Left Hand) (2)				
546681	Looper (Right Hand) and Spreader Lever Ball Stud Oil Wick				