

**SINGER**  
**81U71**

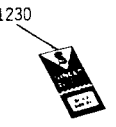
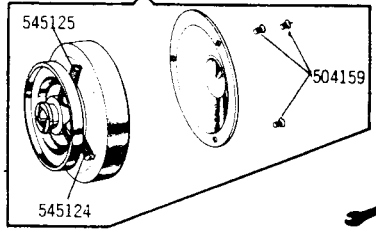
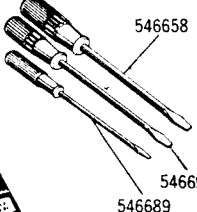
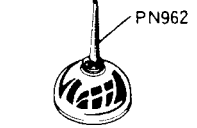
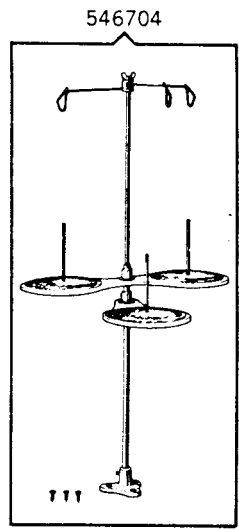
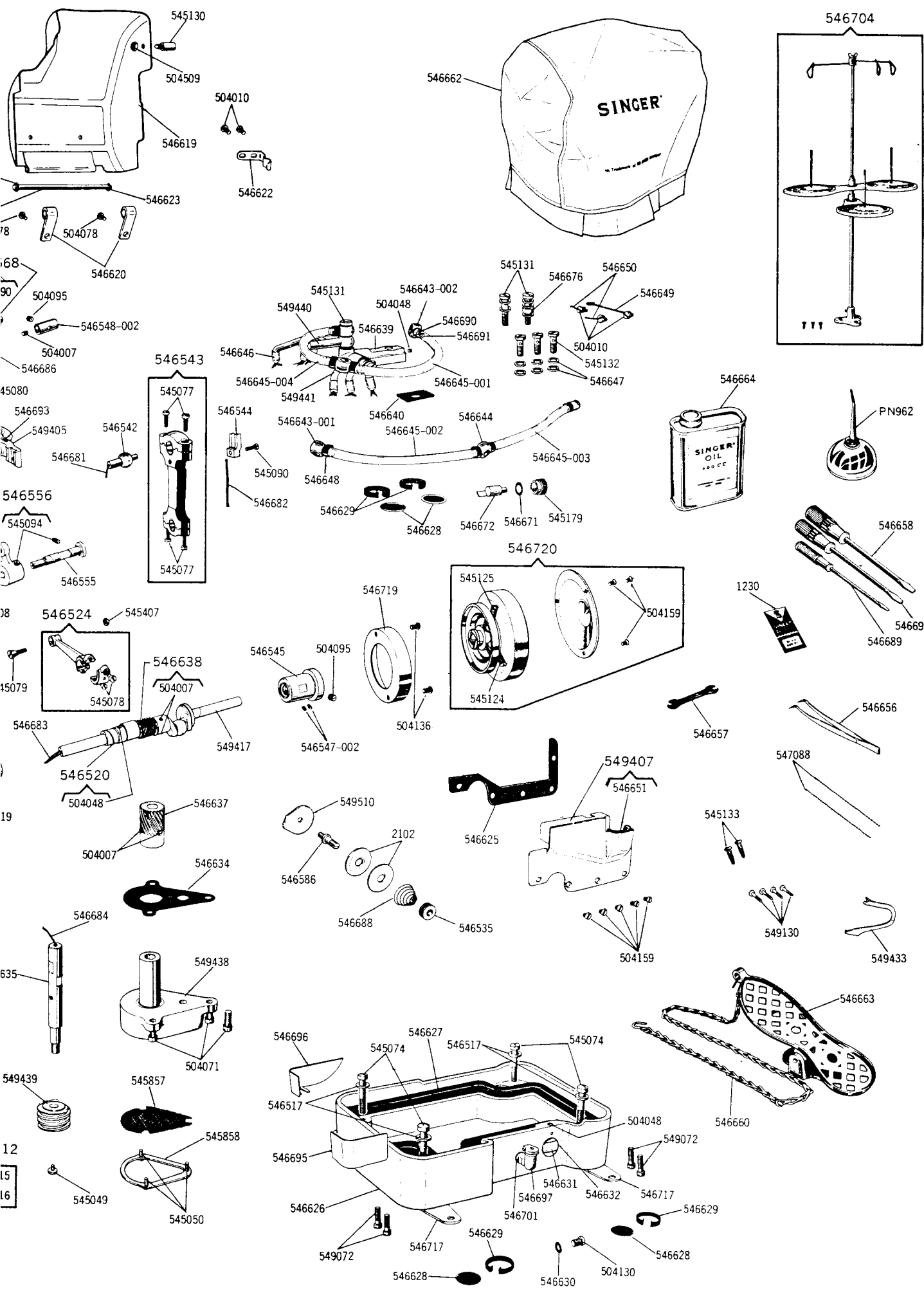
**MACHINE PARTS CHART**  
**for**  
**SINGER\***

**81U71**

# NUMERICAL LIST OF PARTS FOR MACHINE 81U71

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2102	Tension (looper, left hand) Disc (2)	504507 (809)	Thread Guide (looper, right hand) Lock Nut (2)	545115 (829)	Throat Plate Screw (2)
2102	Tension (looper, right hand) Disc (2)	504509 (809)	Frame Back Cover Thumb Screw Nut	545118 (853)	Presser Foot Screw
2102	Tension (needle thread) Disc (2)	545049 (805)	Oil Pump (screw pump) Screw Locking Screw	545119 (853)	Frame Top Cover Screw
154790 (850)	Feed Bar Hinge Pin Collar Set Screw	545050 (805)	Oil Pump (screw pump) Screen Frame Screw (3)	545119 (853)	Lifting Lever Bracket Screw (2)
504007 (850)	Feed Eccentric Set Screw (2)	545067 (821)	Needle Bar Crank Shaft Plug Screw	545119 (853)	Looper (right hand) and Spreader Lever Connection Cover Screw (2)
504007 (850)	Feed Rock Shaft Hinge Pin Plug Screw	545071 (853)	Needle Bar Connecting Bracket Clamping Screw	545120 (829)	Lifting Lever Hinge Screw
504007 (850)	Looper (right hand) and Spreader Lever Hinge Pin Plug Screw	545072 (833)	Needle Bar Connecting Link Hinge Pin Set Screw	545121 (810)	Presser Lever Lifter Hinge Screw
504007 (850)	Needle Bar Bushing (lower) Set Screw	545073 (853)	Needle Bar Connecting Link Hinge Pin Set Screw	545122 (853)	Lifting Lever Stop Screw (2)
504007 (850)	Needle Bar Bushing (upper) Set Screw	545074 (805)	Frame Screw (4)	545123 (852)	Feed Eccentric Cover Holder Thumb Screw
504007 (850)	Oil Pump (screw pump) Screw Shaft Gear Set Screw (2)	545076 (833)	Frame Rotary Shaft Crank Position Screw	545124 (850)	Balance Wheel Set Screw
504007 (850)	Thread (looper, left hand) Tube Set Screw	545077 (850)	Looper (right hand) and Spreader Lever Connection Cap Screw (4)	545125 (850)	Balance Wheel Position Screw
504010 (829)	Feed Eccentric Cover Holder Oil Guard Screw (2)	545077 (850)	Needle Bar Connecting Rod Cap Screw (4)	545130 (810)	Frame Back Cover Thumb Screw
504010 (829)	Frame Back Cover Lock Spring Screw (2)	545078 (803)	Feed Connecting Rod Cap Screw (2)	545131 (809)	Oil Tube Joint Bolt (large) (3)
504010 (829)	Guide Smoothing Plate Screw	545079 (850)	Feed Connecting Rod Hinge Screw	545132 (809)	Oil Tube Joint Bolt (small) (4)
504010 (829)	Oil Tube Holder Screw (3)	545079 (850)	Feed Regulator Connection Hinge Screw	545161 (829)	Cloth Plate Hinge Screw
504048 (833)	Feed Lifting Eccentric Set Screw (2)	545080 (803)	Feed Bar Hinge Pin Set Screw	545179 (803)	Oil Flow Regulating Pin Clamp Screw
504048 (833)	Needle Bar Crank Shaft Bushing (back) Set Screw	545084 (853)	Guide Body Screw (2)	545180 (803)	Guide Finger Screw (2)
504048 (833)	Needle Bar Crank Shaft Bushing (front) Set Screw	545084 (853)	Thread (looper, right hand) Staple Screw	545180 (803)	Presser Foot Chaining-off Finger Screw
504048 (833)	Oil Gauge Window Plug Screw	545084 (853)	Thread (needle) Eyelet Screw	545406 (853)	Needle Clamping Nut
504048 (833)	Oil Tube Joint Frame Plug Screw	545085 (829)	Needle Bar Thread Retainer Screw	545407 (819)	Feed Connecting Rod Hinge Screw Nut
504071 (833)	Oil Pump (screw pump) Body Screw (3)	545086 (829)	Needle Bar Thread Retainer Bracket Screw	545407 (819)	Feed Regulator Connection Hinge Screw Nut
504078 (803)	Frame Back Cover Bracket Screw (2)	545086 (829)	Thread (needle) Take-up Screw (2)	545407 (819)	Looper (left hand) Lever Connecting Link Hinge Screw Nut (2)
504095 (850)	Feed Rock Shaft Hinge Pin Bushing (left) Set Screw	545090 (803)	Looper (right hand) and Spreader Lever Connection Guide Screw	545408 (803)	Feed Regulating Screw Stud Nut
504095 (850)	Feed Rock Shaft Hinge Pin Bushing (right) Set Screw	545090 (803)	Needle Bar Connecting Rod Guide Screw	545409 (821)	Lifting Lever Stop Screw Nut (2)
504095 (850)	Frame Rotary Shaft Bushing (front) Set Screw	545091 (829)	Presser Regulating Thumb Screw	545409 (821)	Presser Lever Screw Stud Nut
504095 (850)	Frame Rotary Shaft Flanged Bushing (back) Set Screw	545092 (803)	Feed Dog Screw	545411 (805)	Cloth Plate Hinge Screw Nut
504095 (850)	Looper (left hand) Lever Hinge Stud Set Screw	545094 (833)	Feed Regulator Set Screw (2)	545857	Oil Pump (screw pump) Screen
504095 (850)	Looper (right hand) and Spreader Lever Hinge Pin Bushing (back side) Set Screw	545095 (803)	Feed Rock Shaft Crank Clamping Screw	545858	Oil Pump (screw pump) Screen Frame
504095 (850)	Looper (right hand) and Spreader Lever Hinge Pin Bushing (front side) Set Screw	545096 (803)	Feed Regulator Connection Adjusting Screw	546503	Arm Dowel Pin (2)
504102 (833)	Arm Oil Hole Plug Screw	545097 (803)	Feed Regulating Screw Stud	546504	Needle Bar Crank Shaft
504102 (833)	Frame Oil Hole Plug Screw (2)	545102 (850)	Needle Guard Holder Set Screw	546505	Needle Bar Crank Shaft Oil Wick
504130 (850)	Machine Base and Oil Reservoir Oil Drain Cap Screw	545106 (850)	Needle Guard Screw	546506	Needle Bar Crank Shaft Bushing (front)
504134 (850)	Presser Lever Hinge Stud Set Screw	545107 (853)	Thread (looper, left hand) Eyelet Screw	546507	Needle Bar Crank Shaft Bushing (back)
504136 (825)	Balance Wheel Oil Guard Screw (2)	545108 (833)	Looper (right hand) and Spreader Lever Ball Stud Set Screw	546508	Needle Bar Crank (front) with 549084 (833) and 549085 (833)
504145 (810)	Frame Side Cover Screw (2)	545108 (833)	Needle Bar Crank (back) Ball Stud Set Screw	546513-001	Needle Bar Bushing (lower)
504159 (819)	Balance Wheel Cap Screw (3)	545109 (853)	Looper (right hand) Screw	546513-002	Needle Bar Bushing (upper)
504159 (819)	Frame Rotary Shaft Cover Screw (5)	545109 (853)	Thread (looper, right hand) Take-up Screw	546514	Needle Bar Connecting Link
504167 (805)	Arm Screw (2)	545112 (810)	Looper (left hand) Clamping Screw	546515	Needle Bar Connecting Link Hinge Pin (2)
		545113 (850)	Looper (left hand) Lever Connecting Link Hinge Screw (2)	546517	Frame Screw Washer (4)
				546519	Feed Lifting Eccentric Connection
				546520	Feed Lifting Eccentric with two 504048 (833)
				546522	Frame Rotary Shaft Crank Oil Pad (felt)
				546524	Feed Connecting Rod with two 545078 (803)
				546528	Feed Rock Shaft Hinge Pin
				546529	Feed Bar Hinge Pin
				546530	Thread (needle) Eyelet





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# NUMERICAL LIST OF PARTS FOR MACHINE 81U71

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
546533	Tension (needle thread) Spring	546587	Tension (looper, left hand) Thread Guide	546676	Oil Tube Joint Washer
546535 (821)	Tension (looper, left hand) Regulating Thumb Nut	546590	Thread (looper, left hand) Tube	546680	Thread Guide (looper, right hand) (2)
546535 (821)	Tension (looper, right hand) Regulating Thumb Nut	546592	Presser Lever Hinge Stud	546681	Looper (right hand) and Spreader Lever Ball Stud Oil Wick
546535 (821)	Tension (needle thread) Regulating Thumb Nut	546594	Presser Foot Screw Washer	546681	Needle Bar Crank (back) Ball Stud Oil Wick
546536 (853)	Tension (needle thread) Screw Stud	546596	Lifting Lever Spring	546682	Needle Bar Connecting Rod Oil Wick
546537	Needle Bar Thread Retainer complete, Nos. 545085 (829), 546540, 546707 and two 546539	546597	Presser Lever Lifter	546683	Frame Rotary Shaft Oil Wick
546539	Needle Bar Thread Retainer Disc (2)	546602	Lifting Lever with two each 545122 (853) and 545409 (821)	546684	Oil Pump (screw pump) Screw Shaft Oil Wick
546540	Needle Bar Thread Retainer Spring	546611	Frame Top Cover	546685	Looper (right hand) and Spreader Lever Hinge Pin Oil Wick (felt)
546541	Needle Bar Crank (back) with 545108 (833), 549084 (833) and 549085 (833)	546612	Frame Side Cover complete, Nos. 546715 and 546716	546686	Feed Rock Shaft Hinge Pin Oil Wick
546542	Looper (right hand) and Spreader Lever Ball Stud	546616	Looper (right hand) and Spreader Lever Connection Cover	546688	Tension (looper, left hand) Spring
546542	Needle Bar Crank (back) Ball Stud	546619	Frame Back Cover	546688	Tension (looper, right hand) Spring
546543	Needle Bar Connecting Rod with four 545077 (850)	546620	Frame Back Cover Bracket (2)	546690	Oil Flow Check Valve Ball
546544	Looper (right hand) and Spreader Lever Connection Guide	546621	Frame Back Cover Hinge Pin	546691	Oil Flow Check Valve Ball Spring
546544	Needle Bar Connecting Rod Guide	546622	Frame Back Cover Lock Spring	546693	Feed Bar Oil Pad
546545	Frame Rotary Shaft Flanged Bushing (back)	546623	Frame Back Cover Hinge Pin Washer (2)	546695	Frame Angle Cover (front)
546547-001	Oil Pad for Feed Rock Shaft	546625	Frame Rotary Shaft Cover Gasket	546696	Frame Angle Cover (back)
546547-002	Oil Pad for Frame Rotary Shaft Flanged Bushing (back) (2)	546626	Machine Base and Oil Reservoir	546697	Machine Base and Oil Reservoir Oil Cup
546547-003	Oil Pad for Frame Rotary Shaft Bushing (front)	546627	Machine Base and Oil Reservoir Gasket	546698	Looper (right hand) and Spreader Lever Connection Cover Screw Washer (2)
546548-001	Feed Rock Shaft Hinge Pin Bushing (left)	546628	Oil Filter Screen (4)	546699	Needle Bar Connecting Link Hinge Pin Oil Wick (2)
546548-001	Looper (right hand) and Spreader Lever Hinge Pin Bushing (front side)	546629	Oil Filter Screen Clamp (4)	546700	Needle Bar Bushing Oil Wick (felt) (2)
546548-002	Feed Rock Shaft Hinge Pin Bushing (right)	546630	Machine Base and Oil Reservoir Oil Drain Cap Screw Gasket	546701	Machine Base and Oil Reservoir Oil Cup Gasket (2)
546548-002	Looper (right hand) and Spreader Lever Hinge Pin Bushing (back side)	546631	Oil Gauge Window	546707	Needle Bar Thread Retainer Bracket
546550	Presser Lever Spring	546632	Oil Gauge Window Gasket	546715	Frame Side Cover Hinge Pin
546555	Feed Regulator Hinge Stud	546633	Oil Pump (screw pump) Body Gasket	546716	Frame Side Cover Hinge Pin Spring
546556	Feed Regulator with two 545094 (833)	546635	Oil Pump (screw pump) Screw Shaft	546717	Machine Base Cushion complete
546557	Feed Rock Shaft Crank with 545095 (803)	546637	Oil Pump (screw pump) Screw Shaft Gear	546719	Balance Wheel Oil Guard
546558	Feed Regulator Connection with 545096 (803)	546638	Feed Eccentric and Gear with two 504007 (850)	546720	Balance Wheel with three 504159 (819), 545124 (850) and 545125 (850)
546572	Looper (right hand) and Spreader Lever	546639	Oil Tube Joint Frame	547033	Feed Rock Shaft
546573	Looper (right hand) and Spreader Lever Hinge Pin	546640	Oil Tube Joint Frame Gasket	549049 (833)	Frame Rotary Shaft Crank Set Screw
546574	Thread (looper, left hand) Eyelet	546643-001	Oil Tube Joint (single way) (3)	549072 (805)	Machine Base Cushion Screw (4)
546578	Looper (left hand) Lever	546643-002	Oil Tube Joint (single way) Suction End	549084 (833)	Needle Bar Crank (back) Position Screw
546579	Looper (left hand) Lever Hinge Stud	546644	Oil Tube Joint (two way) (2)	549084 (833)	Needle Bar Crank (front) Position Screw
546582	Looper (left hand) Lever Connecting Link	546645-001	Oil Tube (vinyl)	549085 (833)	Needle Bar Crank (back) Set Screw
546584	Thread (looper, right hand) Staple	546645-002	Oil Tube (vinyl)	549085 (833)	Needle Bar Crank (front) Set Screw
546586 (853)	Tension (looper, left hand) Screw Stud	546645-003	Oil Tube (vinyl)	549138 (853)	Presser Lever Screw Stud (eccentric)
546586 (853)	Tension (looper, right hand) Screw Stud	546645-004	Oil Tube (vinyl)	549403	Cloth Plate complete
		546646	Oil Focal Point Oil Wick (5)	549404	Feed Dog
		546647	Oil Tube Joint Washer (16)	549405	Feed Bar
		546648	Oil Tube Clamp (8)	549407	Frame Rotary Shaft Cover with 546651
		546649	Oil Tube Holder (large)	549408	Feed Eccentric Cover Holder Oil Guard
		546650	Oil Tube Holder (small) (2)		
		546651	Frame Rotary Shaft Cover Felt		
		546666	Looper (left hand) Lever Hinge Stud Oil Wick		
		546667	Feed Regulating Screw Stud Nut Washer		
		546668	Feed Bar Hinge Pin Collar with 154790 (850)		
		546669	Feed Eccentric Cover 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		

# NUMERICAL LIST OF PARTS FOR MACHINE 81U71

PART NO	DESCRIPTION
549412	Feed Eccentric Cover Holder
549417	Frame Rotary Shaft
549420	Frame Rotary Shaft Crank with 545076 (833), 549049 (833) and 546522
549423	Guide Body
549424	Guide Finger
549425	Guide Smoothing Plate
549426	Guide Smoothing Plate Screw Washer
549427	Guide complete, Nos. 549423 to 549426, 504010 (829) and two 545180 (803)
549429	Looper (left hand)
549432	Looper (right hand)
549435	Needle Bar with 545406 (853)
549436	Needle Bar Connecting Bracket with 545071 (853)
549437	Looper (right hand) and Spreader Lever Connection with four 545077 (850)
549438	Oil Pump (screw pump) Body
549439 (803)	Oil Pump (screw pump) Screw
549440	Oil Focal Point (large)
549441	Oil Focal Point (small)
549442	Needle Guard Holder
549443	Presser Foot 549444 with 549445 and 545180 (803)
549444	Presser Foot (body)
549445	Presser Foot Chaining-off Finger
549447	Thread (looper, right hand) Take-up
549448	Thread (needle) Take-up
549449	Throat Plate
549450	Lifting Lever Bracket
549451	Presser Lever
549452	Needle Guard
549508	Tension (needle thread) Thread Guide
549509	Frame Rotary Shaft Bushing (front)
549510	Tension (looper, right hand) Thread Guide

## ACCESSORIES

PN962	Oiler
1230	Needle (81X5) #21 (6)
545133	Wood Screw 1" No. 11 (2)
546656	Tweezers (curved)
546657	Wrench
546658	Screw Driver (large)
546660	Foot Lifter Chain
546662	Machine Cover
546663	Foot Lifter Treadle complete
546664	Oil Can (400 cc)
546689	Screw Driver (small)
546692	Screw Driver (medium)
546704	Thread Unwinder (for three spools)
547088	Threading Wire (2)
549130	Wood Screw 1" No. 11(4)
549433	Spreader (right hand)