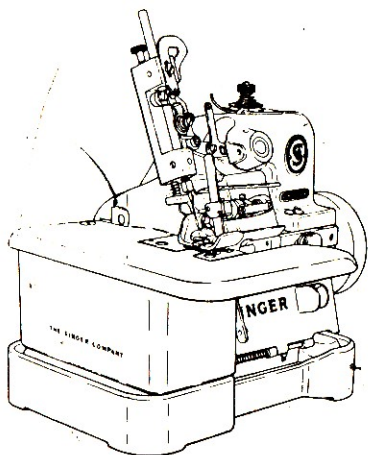




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81U34

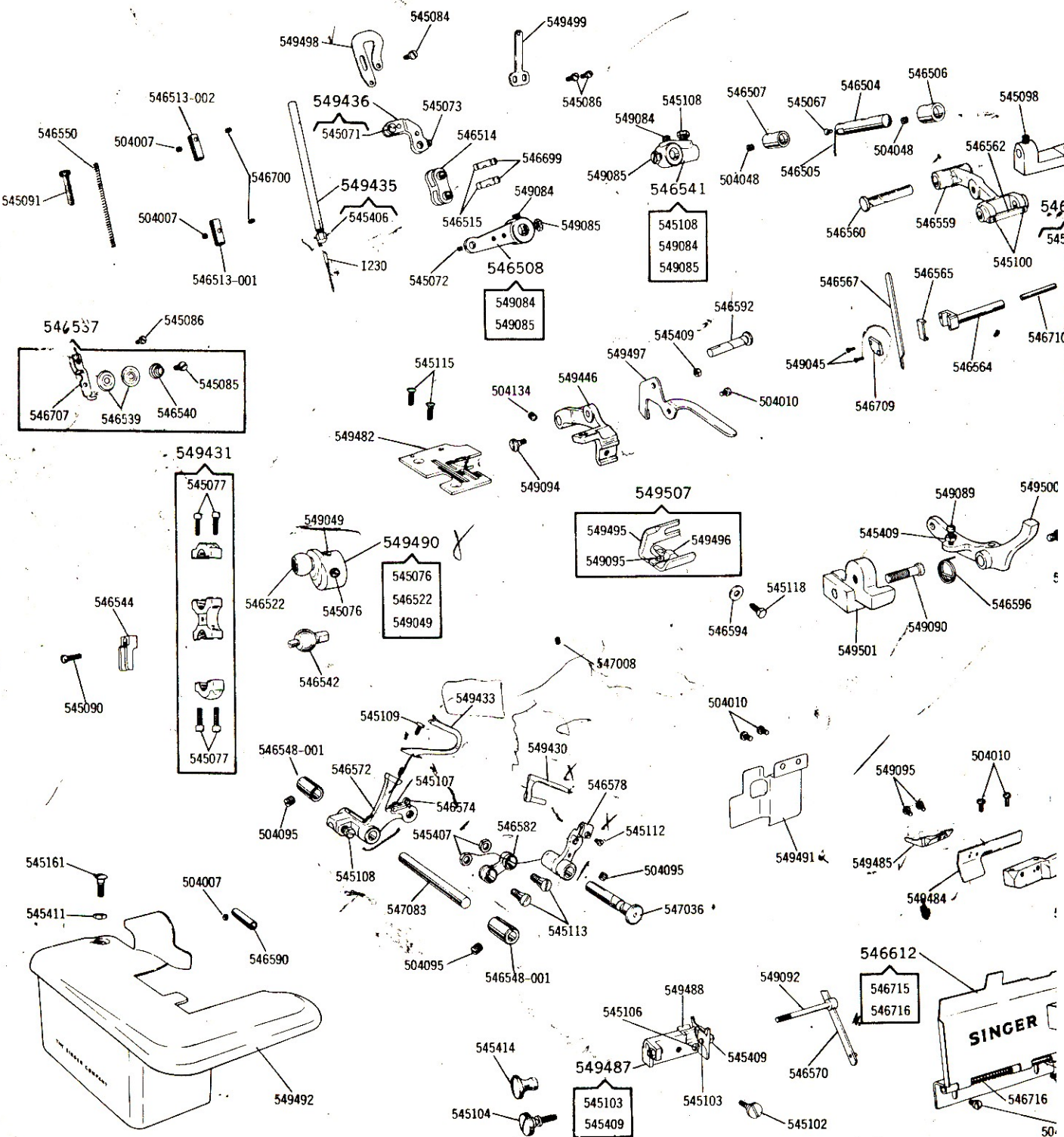
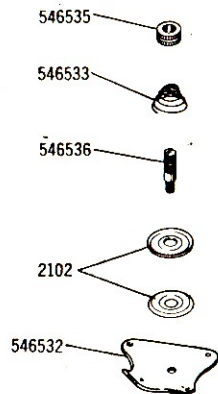
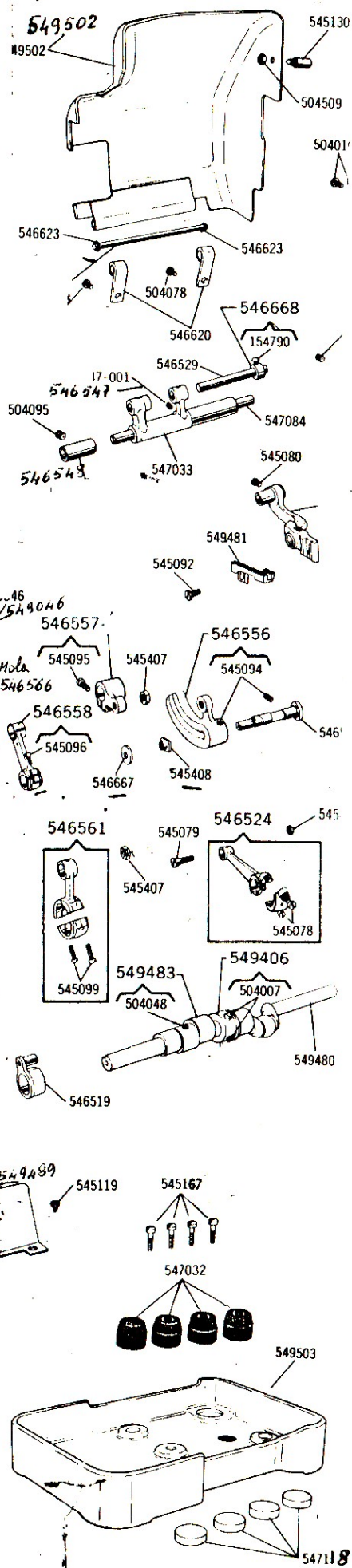
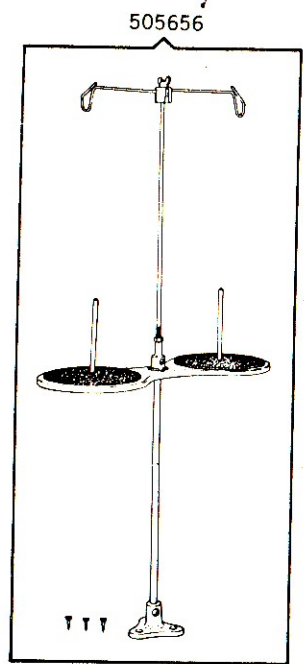
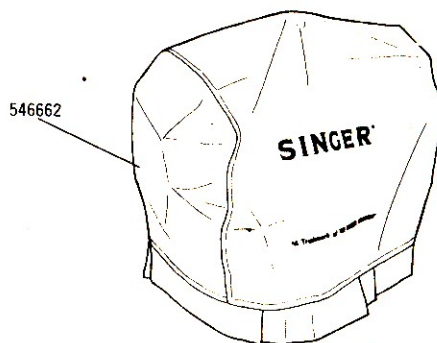
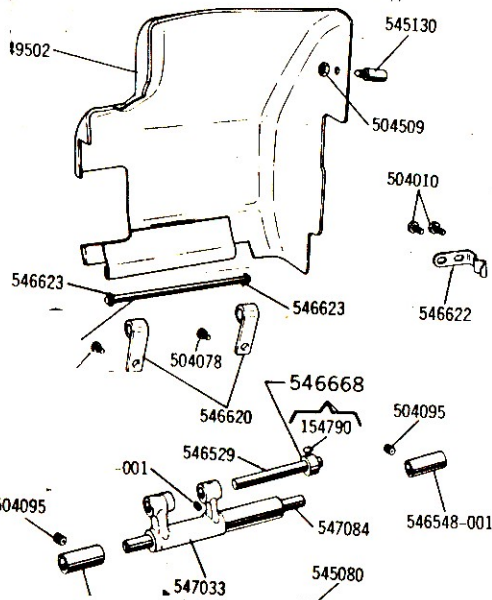


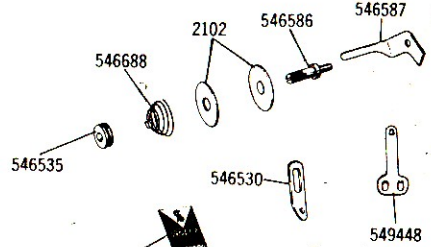
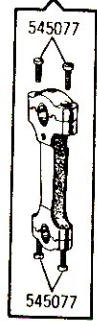
Diagram illustrating the front suspension assembly components:

- 546535: Upper control arm ball joint
- 546533: Lower control arm ball joint
- 546536: Lower control arm
- 2102: Two different types of control arm bushings
- 546532: Lower control arm bracket

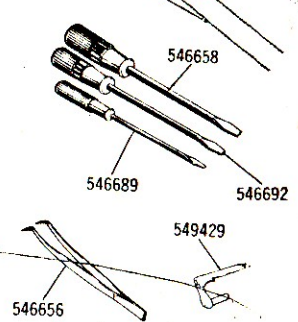
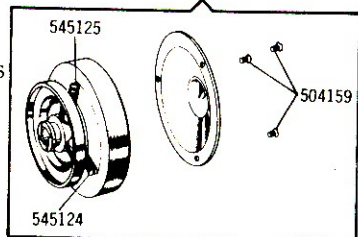




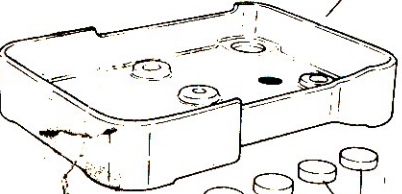
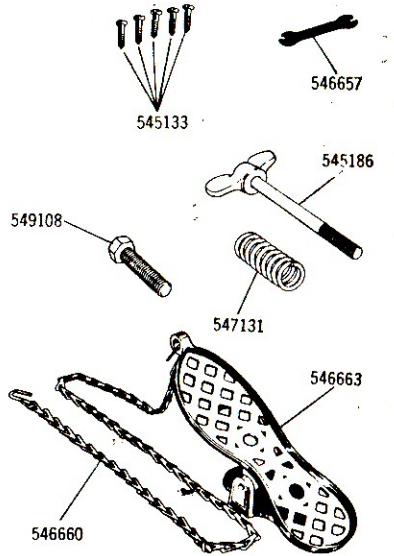
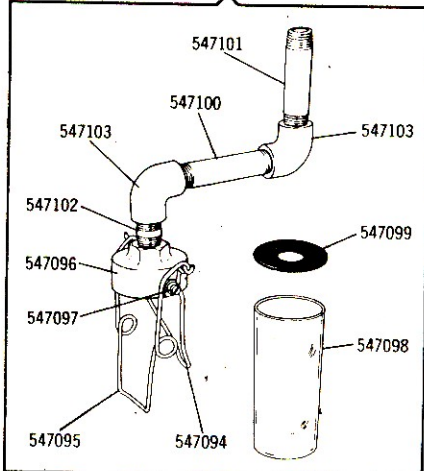
547106



546720



547105



NUMERICAL LIST OF PARTS FOR MACHINE 81U34

PART No.	DESCRIPTION
546562	Knife (movable) Holder Guide Plate
546563	Knife (movable) Holder Guide with 545101 (850)
546564	Knife (movable) Holder
546565	Knife (movable) Gib
546566	Knife (movable) Holder Spring
546567	Knife (movable)
546570	Knife (stationary) with Stud
546572	Looper (right hand) and Spreader Lever
546578	Looper (left hand) Lever
546582	Looper (left hand) Lever Connecting Link
546590	Thread (looper, left hand) Tube
546592	Presser Lever Hinge Stud
546594	Presser Foot Screw Washer
546596	Lifting Lever Spring
546612	Frame Side Cover complete, Nos. 546715 and 546716
546620	Frame Back Cover Bracket (2)
546621	Frame Back Cover Hinge Pin
546622	Frame Back Cover Spring
546623	Frame Back Cover Hinge Pin Washer (2)
546667	Feed Regulating Screw Stud Nut Washer
546668	Feed Bar Hinge Pin Collar with 154790 (852)
546669	Feed Eccentric Cover Holder Thumb Screw Washer
546699	Needle Bar Connecting Link Hinge Pin Oil Wick (2)
546700	Needle Bar Bushing Oil Wick (felt) (2)
546707	Needle Bar Thread Retainer Bracket
546709	Knife (movable) Holder Cap
546710	Knife (movable) Holder Screw Extension Pin
546715	Frame side Cover Hinge Pin
546716	Frame side Cover Hinge Pin Spring
546719	Balance Wheel Oil Guard
546720	Balance Wheel with 545124 (850), 545125 (850) and three 504159 (819)
547008	Oil Pad, for Frame
547009	Oil Pad, for Frame Rotary Shaft Flanged Bushing (back)
547032	Machine Cushion (4)
547033	Feed Rock Shaft
547036	Looper (left hand) Lever Hinge Stud
547083	Looper (right hand) and Spreader Lever Hinge Pin
547084	Feed Rock Shaft Hinge Pin
547106	Needle Bar Connecting Rod with four 545077 (850)
547118	Machine Base Cushion (4)
549045 (803)	Knife (movable) Holder Cap Screw (2)
549046 (803)	Knife (movable) Holder Screw
549049 (833)	Frame Rotary Shaft Crank Set Screw
549084 (833)	Needle Bar Crank (back) Position Screw

PART No.	DESCRIPTION
549084 (833)	Needle Bar Crank (front) Position Screw
549085 (833)	Needle Bar Crank (back) Set Screw
549085 (833)	Needle Bar Crank (front) Set Screw
549089 (850)	Lifting Lever Stop Screw
549090 (803)	Lifting Lever Bracket Screw
549092 (850)	Knife (stationary) Clamping Stud
549093 (803)	Knife (movable) Lever Bracket Screw
549094 (853)	Presser Lever Lifter Screw (back)
549095 (853)	Chip Guard Chaining-off Finger Screw (2)
549095 (853)	Presser Foot Chaining-off Finger Screw
549108 (805)	Frame Screw (for shipping purposes only)
549405	Feed Bar
549406	Feed Eccentric with two 504007 (850)
549412	Feed Eccentric Cover Holder
549430	Spreader (left hand)
549431	Looper (right hand) and Spreader Lever Connection with four 545077 (850)
549433	Spreader (right hand)
549435	Needle Bar with 545406 (853)
549436	Needle Bar Connecting Bracket with 545071 (853)
549446	Presser Lever
549480	Frame Rotary Shaft
549481	Feed Dog
549482	Throat Plate
549483	Feed Lifting Eccentric with two 504048 (833)
549484	Chip Guard
549485	Chip Guard Chaining-off Finger
549486	Knife (movable) Lever Bracket
549487	Knife (stationary) Holder with two each 545103 (850) and 545409 (819)
549488	Needle Guard
549489	Frame Top Cover
549490	Frame Rotary Shaft Crank with 545076 (833), 546522 and 549049 (833)
549491	Feed Eccentric Cover
549492	Cloth Plate complete
549493	Frame Rotary Shaft Flanged Bushing (back)
549495	Presser Foot (body)
549496	Presser Foot Chaining-off Finger
549497	Presser Lever Lifter
549498	Thread (needle) Eyelet
549499	Thread (needle) Take-up
549500	Lifting Lever
549501	Lifting Lever Bracket
549502	Frame Back Cover
549503	Machine Base
549504	Frame Rotary Shaft Bushing (front)
549507	Presser Foot 549495 with 549095 (853) and 549496

PART NO.	DESCRIPTION
ACCESSORIES	
PN 962	Oiler
1230	Needle (81x5) # 16 (6)
2102	Tension (looper, left hand) Disc (2)
505656	Thread Unwinder (for two spools) complete
545107	Thread (looper, left hand) Eyelet Screw
545133	Wood Screw 1" No. 11 (5)
545186	Thumb Screw
546530	Thread (needle) Eyelet
546535 (821)	Tension (looper, left hand) Screw Stud Nut
546574	Thread (looper, left hand) Eyelet
546586	Tension (looper, left hand) Screw Stud
546587	Tension (looper, left hand) Thread Guide
546656	Tweezers (curved) (2)
546657	Wrench
546658	Screw Driver (large)
546660	Foot Lifter Chain
546662	Machine Cover
546663	Foot Lifter Treadle complete
546688	Tension (looper, left hand) Spring
546689	Screw Driver (small)
546692	Screw Driver (medium)
547088	Threading Wire
549429	Looper (left hand)
549448	Thread (needle) Take-up
547131	Thumb Screw Spring

OIL DRAIN JAR

547094	Oil Drain Jar Clamp Lever
547095	Oil Drain Jar Clamp
547096	Oil Drain Jar Cap
547097	Oil Drain Jar Clamp Lever Hinge Pin (2)
547098	Oil Drain Jar
547099	Oil Drain Jar Cap Packing
547100	Oil Drain Jar Nipple (large)
547101	Oil Drain Jar Nipple (medium)
547102	Oil Drain Jar Nipple (small)
547103	Oil Drain Jar Nipple Elbow (2)
547105	Oil Drain Jar complete, No 547094 to 547103

NUMERICAL LIST OF PARTS FOR MACHINE 81U34

PART No.	DESCRIPTION	PART No.	DESCRIPTION	PART No.	DESCRIPTION
2102	Tension (needle thread) Disc (2)	545086 (829)	Needle Bar Thread Retainer Bracket Screw	545411 (805)	Cloth Plate Hinge Screw Nut
154790 (852)	Feed Bar Hinge Pin Collar Set Screw	545086 (829)	Thread (needle) Take-up Screw (2)	545414 (853)	Knife (stationary) Clamping Stud Thumb Nut
504007 (850)	Feed Eccentric Set Screw (2)	545090 (803)	Looper (right hand) and Spreader Lever Connection Guide Screw	546503	Arm Dowel Pin (2)
504007 (850)	Needle Bar Bushing (lower) Set Screw	545090 (803)	Needle Bar Connecting Rod Guide Screw	546504	Needle Bar Crank Shaft
504007 (850)	Needle Bar Bushing (upper) Set Screw	545091 (829)	Presser Regulating Thumb Screw	546505	Needle Bar Crank Shaft Oil Wick
504007 (850)	Thread (looper, left hand) Tube Set Screw	545092 (803)	Feed Dog Screw	546506	Needle Bar Crank Shaft Bushing (front)
504010 (829)	Chip Guard Screw (2)	545094 (833)	Feed Regulator Set Screw (2)	546507	Needle Bar Crank Shaft Bushing (back)
504010 (829)	Feed Eccentric Cover Screw (2)	545095 (803)	Feed Rock Shaft Crank Clamping Screw	546508	Needle Bar Crank (front) with 549084 (833) and 549085 (833)
504010 (829)	Frame Back Cover Spring Screw (2)	545096 (803)	Feed Regulator Connection Adjusting Screw	546513 001	Needle Bar Bushing (lower)
504010 (829)	Presser Lever Lifter Screw (front)	545097 (803)	Feed Regulating Screw Stud	546513 002	Needle Bar Bushing (upper)
504048 (833)	Feed Lifting Eccentric Set Screw (2)	545098 (850)	Knife (movable) Lever Hinge Stud Set Screw	546514	Needle Bar Connecting Link
504048 (833)	Needle Bar Crank Shaft Bushing (back) Set Screw	545099 (803)	Knife (movable) Lever Connection Cap Screw (2)	546515	Needle Bar Connecting Link Hinge Pin (2)
504048 (833)	Needle Bar Crank Shaft Bushing (front) Set Screw	545100 (850)	Knife (movable) Holder Guide Plate Screw (2)	546519	Feed Lifting Eccentric Connection
504078 (803)	Frame Back Cover Bracket Screw (2)	545101 (850)	Knife (movable) Holder Guide Set Screw	546522	Frame Rotary Shaft Crank Oil Pad
504095 (850)	Feed Rock Shaft Hinge Pin Bushing Set Screw (2)	545102 (850)	Knife (stationary) Holder Screw	546524	Feed Connecting Rod with two 545078 (803)
504095 (850)	Frame Rotary Shaft Bushing (front) Set Screw	545103 (850)	Knife (stationary) Holder Stop Screw (2)	546529	Feed Bar Hinge Pin
504095 (850)	Frame Rotary Shaft Flanged Bushing (back) Set Screw	545104 (850)	Knife (stationary) Holder Regulating Thumb Screw	546532	Tension (needle thread) Thread Guide
504095 (850)	Looper (left hand) Lever Hinge Stud Set Screw	545106 (850)	Needle Guard Screw	546533	Tension (needle thread) Spring
504095 (850)	Looper (right hand) and Spreader Lever Hinge Pin Bushing Set Screw (2)	545108 (833)	Looper (right hand) and Spreader Lever Ball Stud Set Screw	546535 (821)	Tension (needle thread) Screw Stud Nut
504134 (850)	Presser Lever Hinge Stud Set Screw	545108 (833)	Needle Bar Crank (back) Ball Stud Set Screw	546536	Tension (needle thread) Screw Stud
504136 (825)	Balance Wheel Oil Guard Screw (2)	545109 (853)	Spreader (right hand) Screw	546537	Needle Bar Thread Retainer complete, Nos. 545085 (829), 546540, 546707 and two 546539
504145 (810)	Frame Side Cover Screw (2)	545112 (810)	Spreader (left hand) Clamping Screw	546539	Needle Bar Thread Retainer Disc (2)
504159 (819)	Balance Wheel Cap Screw (3)	545113 (850)	Looper (left hand) Lever Connecting Link Hinge Screw (2)	546540	Needle Bar Thread Retainer Spring
504167 (805)	Arm Screw (2)	545115 (829)	Throat Plate Screw (2)	546541	Needle Bar Crank (back) with 545108 (833), 549084 (833) and 549085 (833)
504509 (809)	Frame Back Cover Thumb Screw Nut	545118 (853)	Presser Foot Screw	546542	Looper (right hand) and Spreader Lever Ball Stud
505067 (821)	Needle Bar Crank Shaft Plug Screw	545119 (853)	Frame Top Cover Screw	546542	Needle Bar Crank (back) Ball Stud
505071 (853)	Needle Bar Connecting Bracket Clamping Screw	545120 (829)	Lifting Lever Hinge Screw	546544	Looper (right hand) and Spreader Lever Connection Guide
505072 (833)	Needle Bar Connecting Link Hinge Pin Set Screw	545123 (852)	Feed Eccentric Cover Holder Thumb Screw	546544	Needle Bar Connecting Rod Guide
505073 (853)	Needle Bar Connecting Link Hinge Pin Set Screw	545124 (850)	Balance Wheel Set Screw	546547 001	Oil Pad, for Feed Rock Shaft
505076 (833)	Frame Rotary Shaft Crank Position Screw	545125 (850)	Balance Wheel Position Screw	546548 001	Feed Rock Shaft Hinge Pin Bushing (2)
505077 (850)	Looper (right hand) and Spreader Lever Connecting Cap Screw (4)	545130 (810)	Frame Back Cover Thumb Screw	546548 001	Looper (right hand) and Spreader Lever Hinge Pin Bushing (2)
505077 (850)	Needle Bar Connecting Rod Cap Screw (4)	545161 (829)	Cloth Plate Hinge Screw	546550	Presser Lever Spring
505078 (803)	Feed Connecting Rod Cap Screw (2)	545167 (805)	Machine Cushion Screw (4)	546555	Feed Regulator Hinge Stud
505079 (850)	Feed Connecting Rod Hinge Screw	545406 (853)	Needle Clamping Nut	546556	Feed Regulator with two 545094 (833)
505079 (850)	Feed Regulator Connection Hinge Screw	545407 (819)	Feed Connecting Rod Hinge Screw Nut	546557	Feed Rock Shaft Crank with 545095 (803)
505079 (850)	Knife (movable) Lever Connection Hinge Screw	545407 (819)	Feed Regulator Connection Hinge Screw Nut	546558	Feed Regulator Connection with 545096 (803)
505080 (803)	Feed Bar Hinge Pin Set Screw	545407 (819)	Knife (movable) Lever Connection Hinge Screw Nut	546559	Knife (movable) Lever
505084 (853)	Thread (needle) Eyelet Screw	545407 (819)	Looper (left hand) Lever Connecting Link Hinge Screw Nut (2)	546560	Knife (movable) Lever Hinge Stud
505085 (829)	Needle Bar Thread Retainer Screw	545408 (803)	Feed Regulating Screw Stud Nut	546561	Knife (movable) Lever Connection with two 545099 (803)
		545409 (821)	Presser Lever Lifter Screw (back) Nut		
		545409 (819)	Knife (stationary) Holder Stop Screw Nut (2)		
		545409 (819)	Lifting Lever Stop Screw Nut		