

**SINGER**  
281-5

Form 21233  
(362)  
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LIST OF PARTS COMPLETE  
FOR  
MACHINE NO. 281-5  
WITH  
HIGH MORTALITY LIST

THE SINGER MANUFACTURING COMPANY

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 281-5

No.	Name
*147199	Arm
	Note: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
8582	2 Arm Dowel Pin
140640(805)	Arm Hole Plug (back of arm)
147109	Arm Hole Plug Gasket
140705(805)	Arm Screw (back)
146552	2 Arm Screw (front and intermediate)
140315(805)	2 Arm Screw Stud (back)
147200	Arm Shaft (horizontal) with 1036(830) and 140542(830)
147486	Arm Shaft (horizontal) Bushing (center)
140296(830)	Arm Shaft (horizontal) Bushing (center) Set Screw
147201	Arm Shaft (horizontal) Counter-Weight (back) with 446(830) and 966(805)
147202	Arm Shaft (horizontal) Counter-Weight (front) with 446(830) and 966(805)
966(805)	2 Arm Shaft (horizontal) Counter-Weight Clamping Screw
446(830)	2 Arm Shaft (horizontal) Counter-Weight Position Screw
140610(819)	Arm Shaft (horizontal) Counter-Weight Oil Plug Screw
147112	Arm Shaft (horizontal) Flanged Bushing (back)
146790	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube
207(805)	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube Holder Screw

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No.	Name
140297(830)	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw
147005	Arm Shaft (horizontal) Flanged Bushing (front)
140279(830)	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw
50555(805)	2 Arm Shaft (horizontal) Plug Screw
144(804)	Arm Shaft (horizontal) Screw (back)
140640(805)	Arm Shaft (horizontal) Screw Plug (front)
147109	Arm Shaft (horizontal) Screw Plug Washer (fiber)
147468	Arm Shaft (horizontal) Thrust Collar with two 457(830)
457(830)	2 Arm Shaft (horizontal) Thrust Collar Set Screw
143013	Arm Shaft (upright)
143014	Arm Shaft (upright) Bevel Gear (lower) right hand spiral with two 1259(830)
Note: To ensure proper functioning of Gears, No. 143014 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 143295	
1259(830)	2 Arm Shaft (upright) Bevel Gear (lower) Set Screw
143015	Arm Shaft (upright) Bevel Gear (upper) left hand spiral with two 1259(830)
Note: To ensure proper functioning of Gears, No. 143015 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 147476	
1259(830)	2 Arm Shaft (upright) Bevel Gear (upper) Set Screw
143016	Arm Shaft (upright) Bushing (lower)
140410(830)	Arm Shaft (upright) Bushing (lower) Set Screw
147111	Arm Shaft (upright) Bushing (upper)
50504(830)	Arm Shaft (upright) Bushing (upper) Set Screw

List of Parts for Machine No. 281-5

No.		Name
147203		Arm Side Shield
147008		Arm Side Shield Wick
16709		Arm Side Shield Wick Spring Holder
147204		Arm Side Shield complete, Nos. 16709, 147008 and 147203
152(819)	2	Arm Side Shield Screw
51701(819)	2	Arm Side Shield Screw Nut
52239		Arm Spool Pin and Thread Eyelet
8879		Arm Spool Pin Washer (cloth)
		Note: When ordering No. 8879, state color required.
147011		Arm Top Cover (back) for 147013
147012		Arm Top Cover (back) for 147014
147013		Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 146511, 147011 and 147105
		Note: No. 147013 is regularly furnished with this machine.
147014		Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 143244, 146511, 147012 and 147105
147015		Arm Top Cover (back) Gasket
51369(813)	4	Arm Top Cover (back) Screw
147205		Arm Top Cover (front)
147206		Arm Top Cover (front) Gasket
51369(813)	4	Arm Top Cover (front) Screw
143244		Arm Top Cover Spool Pin with Spool Rest, 3-1/2 in. long
147105		Arm Top Cover Stitch Regulator Plunger
64519		Arm Top Cover Stitch Regulator Plunger Spring

List of Parts for Machine No. 281-5

No.	Name
146511	Arm Top Cover Stitch Regulator Plunger Stop Ring
*147490	Bed
Note: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.	
143024	Bed Hole Plug
143268	Bed Leg (back)
1518(809)	2 Bed Leg (back) Nut
147207	Bed Raising Plate
1423(819)	2 Bed Raising Plate Screw
12431	Bed Slide
4307	Bed Slide Spring
725(819)	2 Bed Slide Spring Screw
12432	Bed Slide complete, Nos. 4307, 12431 and two 725(819)
147477	Bell Crank
147478	Bell Crank Bracket
158(813)	2 Bell Crank Bracket Screw
140941(803)	Bell Crank Hinge Screw
1650(819)	Bell Crank Hinge Screw Nut
147479	Bell Crank complete, Nos. 1650(819), 140941(803), 147477 and 147478
147469	Combination of Feed and Stitch Regulator Parts, Nos. 143015, 143040, 143049, 143087, 143134, 147472 and 147473 (for Agents only)
147208	Face Plate
147209	Face Plate Gasket

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No.	Name
147210	Face Plate complete, Nos. 143377, 147208, 147232, 147234, 147235 and two 152(819)
152(819)	4 Face Plate Screw
147470	Feed Bar
147471	Feed Bar 147470 with 147290, 147355, 147356, 272110 and two 1423(803)
147355	Feed Bar Carrier with two each 158(805) and 140788(805)
158(805)	2 Feed Bar Carrier Clamping Screw
143031	Feed Bar Carrier Oil Wick
147024	Feed Bar Carrier Oil Wick Holder with 143031
228(805)	2 <b>Feed Bar Carrier Oil Wick Holder Screw</b>
272110	Feed Bar Connecting Link
1423(803)	2 Feed Bar Connecting Link Cap Screw
147288	Feed Bar Connecting Link Oil Wick
272111	Feed Bar Connecting Link Oil Wick Clamp
147035	Feed Bar Connecting Link Oil Wick Holder
147289	Feed Bar Connecting Link Oil Wick Holder 147035 with 147288
50579(809)	Feed Bar Connecting Link Oil Wick Holder Screw
147356	Feed Bar Hinge Pin (eccentric)
140788(805)	2 Feed Bar Hinge Pin Clamping Screw
149025	Feed Dog, 9 teeth (12 teeth to the inch)
50117(830)	2 Feed Dog Screw
147472	Feed Eccentric
1375(830)	Feed Eccentric Body Position Screw

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No.		Name
1036(830)	2	Feed Eccentric Body Set Screw
140256(830)		Feed Eccentric Stop Screw (7 stitch)
140257(830)		Feed Eccentric Stop Screw (5 1/2 stitch)
		Note: No. 140257(830) is regularly furnished with this Machine.
140258(830)		Feed Eccentric Stop Screw (14 stitch)
147473		Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear, right hand spiral with 1259(830), 140333(830) and 143088
		Note: To ensure proper functioning of Gears, No. 147473 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 147476
140333(830)		Feed Lifting Eccentric Position Screw
1259(830)		Feed Lifting Eccentric Set Screw
147025		Feed Lifting Rock Shaft
147030		Feed Lifting Rock Shaft Nos. 197(805), 140359(805), 143236, 147025, 147038, 147039, 147047 and two 147037
143052		Feed Lifting Rock Shaft and Feed Rock Shaft Oil Wick Holder
197(805)		Feed Lifting Rock Shaft and Feed Rock Shaft Oil Wick Holder Screw
147028	2	Feed Lifting Rock Shaft Bushing
447(830)	2	Feed Lifting Rock Shaft Bushing Set Screw
147029	2	Feed Lifting Rock Shaft Collar with two 460(830)
460(830)	4	Feed Lifting Rock Shaft Collar Set Screw
143040		Feed Lifting Rock Shaft Connecting Rod
140230(803)		Feed Lifting Rock Shaft Connecting Rod Hinge Screw
1518(809)		Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut



List of Parts for Machine No. 281-5

No.	Name
149074	Feed Lifting Rock Shaft Crank (back) with 140228(830)
140228(830)	Feed Lifting Rock Shaft Crank (back) Clamping Screw
147290	Feed Lifting Rock Shaft Crank (front) with 140915(830)
140915(830)	Feed Lifting Rock Shaft Crank (front) Clamping Screw
140359(805)	Feed Lifting Rock Shaft Oil Plug Screw
143236	Feed Lifting Rock Shaft Oil Plug Screw Washer (fiber)
147037	2 Feed Lifting Rock Shaft Oil Wick (short)
147038	Feed Lifting Rock Shaft Oil Wick (long)
147039	Feed Lifting Rock Shaft Oil Wick
147047	Feed Lifting Rock Shaft Oil Wick Clamping Plate
197(805)	Feed Lifting Rock Shaft Oil Wick Clamping Plate Screw
147040	Feed Rock Shaft
147041	Feed Rock Shaft Nos. 197(805), 140359(805), 143236, 147039, 147040, 147046, 147047 and two 147045
146933	Feed Rock Shaft Bushing (back)
447(830)	Feed Rock Shaft Bushing (back) Set Screw
147043	Feed Rock Shaft Bushing (front)
447(830)	Feed Rock Shaft Bushing (front) Set Screw
147029	Feed Rock Shaft Collar with two 460(830)
460(830)	2 Feed Rock Shaft Collar Set Screw
143049	Feed Rock Shaft Connecting Rod
140230(803)	Feed Rock Shaft Connecting Rod Hinge Screw
1518(809)	Feed Rock Shaft Connecting Rod Hinge Screw Nut
146099	Feed Rock Shaft Crank with 140228(830)

List of Parts for Machine No. 281-5

No.		Name
140228(830)		Feed Rock Shaft Crank Clamping Screw
140359(805)		Feed Rock Shaft Oil Plug Screw
143236		Feed Rock Shaft Oil Plug Screw Washer (fiber)
147045	2	Feed Rock Shaft Oil Wick (short)
147046		Feed Rock Shaft Oil Wick (long)
147039		Feed Rock Shaft Oil Wick
147047		Feed Rock Shaft Oil Wick Clamping Plate
197(805)		Feed Rock Shaft Oil Wick Clamping Plate Screw
50190(805)		Guide Thumb Screw
(149093)	147211	Knife (narrow)
(149094)	147495	Knife (wide)
		Note: No. 149094 is tied on the Arm.
620(830)		Knife Adjusting Screw
147212		Knife Bar
147213		Knife Bar Crank (back) with 50135(803)
50443(803)		Knife Bar Crank (back) Clamping Screw
50135(803)		Knife Bar Crank (back) Position Screw
147214		Knife Bar Crank (back) Connection
147215		Knife Bar Crank (back) Connection 147214 with 147216, 147217 and three 223(803)
147216		Knife Bar Crank (back) Connection Eccentric with 1375(830) and two 1036(830)
147217		Knife Bar Crank (back) Connection Eccentric End Plate
223(803)	3	Knife Bar Crank (back) Connection Eccentric End Plate Screw

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No.	Name
1375(830)	Knife Bar Crank (back) Connection Eccentric Position Screw
1036(830)	2 Knife Bar Crank (back) Connection Eccentric Set Screw
50227(803)	Knife Bar Crank (back) Connection Hinge Screw
1620(819)	Knife Bar Crank (back) Connection Hinge Screw Nut
147218	Knife Bar Crank (front) with 50135(803)
147219	Knife Bar Crank (front) 147218 with 1735(803), 2297, 147220 and 147221
50443(803)	Knife Bar Crank (front) Clamping Screw
147220	Knife Bar Crank (front) Coupling Pin
147221	Knife Bar Crank (front) Coupling Pin Nut
1735(803)	Knife Bar Crank (front) Coupling Pin Nut Lock Nut
2297	Knife Bar Crank (front) Coupling Pin Spring
50135(803)	Knife Bar Crank (front) Position Screw
147222	Knife Bar Crank Shaft
147223	Knife Bar Crank Shaft 147222 with 197(805), 143031, 147047, 147227, two each 140359(805), 143236 and four 147226
147224	Knife Bar Crank Shaft Bushing (back)
624(830)	Knife Bar Crank Shaft Bushing (back) Set Screw
147225	Knife Bar Crank Shaft Bushing (front)
440(830)	Knife Bar Crank Shaft Bushing (front) Set Screw
147227	Knife Bar Crank Shaft Feeder Oil Wick
147047	Knife Bar Crank Shaft Feeder Oil Wick Clamping Plate
197(805)	Knife Bar Crank Shaft Feeder Oil Wick Clamping Plate Screw

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No.		Name
140359(805)	2	Knife Bar Crank Shaft Oil Plug Screw
143236	2	Knife Bar Crank Shaft Oil Plug Screw Washer ( fiber)
143031		Knife Bar Crank Shaft Oil Wick (long)
147226	4	Knife Bar Crank Shaft Oil Wick (short)
147228		Knife Bar Gib (lower)
147229		Knife Bar Gib (upper)
147230		Knife Bar Release Lever
147231		Knife Bar Release Lever Bracket
147232		Knife Bar Release Lever Bracket 147231 with 147230 and 147233
152(819)	2	Knife Bar Release Lever Bracket Screw
147233		Knife Bar Release Lever Hinge Pin
147234		Knife Bar Release Lever Plunger
143377		Knife Bar Release Lever Plunger Retainer
147235		Knife Bar Release Lever Spring
147236		Knife Bar Retaining Plate (lower)
208(830)	2	Knife Bar Retaining Plate (lower) Screw
147237		Knife Bar Retaining Plate (upper)
208(830)	2	Knife Bar Retaining Plate (upper) Screw
149052		Knife Bar Spring
147239		Knife Bar Spring Screw Stud
1607(819)		Knife Bar Spring Screw Stud Nut
593(805)		Knife Bar Spring Screw

List of Parts for Machine No. 281-5

No.	Name
147240	Knife Bar complete, Nos. 2291, 24109, 147212, 147239, 147241 and two 208(830) and three each 185(850) and 1607(819)
147241	Knife Holder with 620(830)
24109	Knife Holder Handle
185(850)	Knife Holder Handle Screw
208(830)	2 Knife Holder Screw
1607(819)	2 Knife Holder Screw Nut
185(850)	2 Knife Screw
2291	Knife Screw Washer
147139	Machine Pulley small rim diameter (disc power) "V" belt groove 2.9 in. diam. and two 51283(830)
	Note: No. 147139 is regularly furnished.
51283(830)	2 Machine Pulley Set Screw
147140	Machine Pulley large rim diameter (disc power) "V" belt groove 2.9 in. diam. and two 51283(830)
127135	Needle Bar (hollow) with 140239(830)
147242	Needle Bar 127135 with 149088
127279	Needle Bar Bushing (lower)
1133(830)	Needle Bar Bushing (lower) Set Screw
147243	Needle Bar Bushing (upper)
1133(830)	Needle Bar Bushing (upper) Set Screw
147492	Needle Bar Connecting Link
140231(803)	Needle Bar Connecting Link Cap Screw
143056	18 Needle Bar Connecting Link Roller Bearing

List of Parts for Machine No. 281-5

No.	Name
143057	Needle Bar Connecting Stud with 140706(803)
140706(803)	Needle Bar Connecting Stud Clamping Screw
147053	Needle Bar Connecting Stud Oil Wick
143058	Needle Bar Connecting Stud Slide Block
140542(830)	Needle Bar Crank Position Screw
143196	Needle Bar Oil Wick
149088	Needle Bar Thread Guide
140239(830)	Needle Set Screw
143176	2 Number Plate Rivet
146591	Oil Flow Body
143061	2 Oil Flow Body Gasket
143062	Oil Flow Window
143063	Oil Flow Window Cap
50257(809)	4 Oil Flow Window Cap Screw
143370	Oil Lead
51369(805)	Oil Lead Screw
143064	Oil Pipe
143384	Oil Pipe for Oiling Rotating Hook Shaft (front) Bearing
143065	Oil Pipe Clamping Sleeve
143066	Oil Pipe Clamping Sleeve Nut
147106	Oil Pipe complete from Oil Pump to Arm Shaft (horizontal) Center Bearing, Nos. 143064, 143065 and 143066 (for Agents only)
143387	Oil Pipe 143384 with 143124 for oiling Rotating Hook Shaft Front Bearing

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No.		Name
143124		Oil Pipe Clamping Sleeve
143125		Oil Pipe Clamping Sleeve Nut
143126		Oil Pipe Clamping Sleeve Nut Adaptor
143070		Oil Pump (centrifugal) Body with 143126
143071	2	Oil Pump (centrifugal) Body Position Pin
157(805)	2	Oil Pump (centrifugal) Body Screw (rear and left)
149135		Oil Pump (centrifugal) Body Screw and Magnet Holder
143072		Oil Pump (centrifugal) Cover
143073		Oil Pump (centrifugal) Impeller
50123(805)		Oil Pump (centrifugal) Impeller Locking Screw
143074		Oil Pump (centrifugal) Screen
143075		Oil Pump (centrifugal) Screen Frame
189(805)	4	Oil Pump (centrifugal) Screen Frame Screw
147107		Oil Removing Wick (head end)
149205		Oil Removing Wick (head end) Hinge Plate and Cover
147055		Oil Removing Wick (head end) Hinge Plate and Cover Gasket
197(819)	4	Oil Removing Wick (head end) Hinge Plate and Cover Screw
146745		Oil Removing Wick (head end) Holder Body
147108		Oil Removing Wick (head end) Holder Body 146745 with 146698 and 147107 (for Agents only)
140553(805)		Oil Removing Wick (head end) Holder Body Hinge Screw
146698		Oil Removing Wick (head end) Holder Body Spring
149206		Oil Removing Wick (head end) Holder Body complete, Nos. 140553(805), 146698, 146745, 147055, 147107 and 149205

List of Parts for Machine No. 281-5

No.	Name
147141	2 Oil Wick, 11 in. long for oiling Take-up Lever, Take-up Lever Link, Needle Bar Connecting Link and Thread Take-up Lever Link Hinge Bearing
147245	Oil Wick Holder with two 147141
149224	Oil Wick Holder Plug (felt)
140232(809)	Oil Wick Holder Screw
143295	Pair of Gears for Lower Shaft, Nos. 143014 and 143081 (for Agents only)
147476	Pair of Gears for Upper Shaft, Nos. 143015 and 147473 (for Agents only)
149139	Presser Bar (hollow)
147058	Presser Bar Bushing (lower)
149227	Presser Bar Bushing (lower) Washer
1133(830)	Presser Bar Bushing (lower) Set Screw
149140	Presser Bar Guide Bracket with 50203(830)
50203(830)	Presser Bar Guide Bracket Clamping Screw
147247	Presser Bar Lifter
69(850)	Presser Bar Lifter Hinge Screw
147445	Presser Bar Lifting Lever with 454(830)
143108	Presser Bar Lifting Lever Connecting Rod
1611(819)	Presser Bar Lifting Lever Connecting Rod Nut
1611(819)	Presser Bar Lifting Lever Connecting Rod Lock Nut
143191	Presser Bar Lifting Lever Connecting Rod Oil Mist Retaining Disc (felt)
143109	Presser Bar Lifting Lever Connecting Rod Swivel



List of Parts for Machine No. 281-5

No.	Name
802(819)	Presser Bar Lifting Lever Hinge Screw
147249	Presser Bar Lifting Lever Link
147250	Presser Bar Lifting Lever Pin
454(830)	Presser Bar Lifting Lever Pin Set Screw
146610	Presser Bar Lifting Lever Spring
147063	Presser Bar Spring
26276	Presser Foot Hinge Pin
147251	Presser Foot Plate
	Note: When ordering No. 147251, state required distance of trimmed edge from seam.
147460	Presser Foot Shank
161160	Presser Foot Shank Spring
147253	Presser Foot (Spring Hinged) complete, for 1/8 in. and 5/32 in. trimming margin, Nos. 26276, 147251, 147460 and 161160
	Note: When ordering No. 147253, state required distance of trimmed edge from seam.
26276	Presser Foot Hinge Pin
147264	Presser Foot Plate
	Note: When ordering No. 147264, state required distance of trimmed edge from seam.
147460	Presser Foot Shank
161160	Presser Foot Shank Spring

List of Parts for Machine No. 281-5

No.	Name
147254	Presser Foot (spring hinged) complete, for 3/16 in., 1/4 in., 9/32 in. and 5/16 in. trimming margin, Nos. 26276, 147264, 147460 and 161160  Note: When ordering No. 147254, state required distance of trimmed edge from seam.  Note: No. 147253, 1/8 in. gauge and No. 147254, 3/16 in. gauge are sent with this machine unless other gauges are specified on order.
127033	Presser Foot for 1/16 in. and 5/32 in. trimming margin.  Note: When ordering No. 127033, state size of trim required.
140390(830)	Presser Foot Screw
147255	Pressure Regulating Screw and Presser Bar Guide
149141	Rotating Hook (Air Cooled) with 143301 and two 1253(830)
149142	Rotating Hook (Air Cooled) 149141 with 143351, 149066 and four 1053(805)
149143	Rotating Hook (Air Cooled) 149142 with 143346, 149065 and three 1367(805)
149145	Rotating Hook (Air Cooled) 149142 with 149065 and three 1367(805) (for Agents only)
149146	Rotating Hook (Air Cooled) 149143 with 149063
270010	Rotating Hook Bobbin
149060	Rotating Hook Bobbin Case
149061	Rotating Hook Bobbin Case 149060 with 591(806), 1380(805) and 40394
40392	Rotating Hook Bobbin Case Latch
125320	Rotating Hook Bobbin Case Latch Lever
2974	Rotating Hook Bobbin Case Latch Lever Fulcrum Pin

List of Parts for Machine No. 281-5

No.		Name
1259(830)	2	Rotating Hook Shaft Bevel Gear Set Screw
143082		Rotating Hook Shaft Bushing (back)
140259(830)		Rotating Hook Shaft Bushing (back) Set Screw
149150		Rotating Hook Shaft Bushing (front)
1285(830)		Rotating Hook Shaft Bushing (front) Set Screw
149152		Rotating Hook Shaft Oil Filter Wick
143349		Rotating Hook Shaft Oil Filter Wick Holder
149153		Rotating Hook Shaft Oil Filter complete, Nos. 143349 and 149152
147131		Rotating Hook Shaft Oil Retaining Collar with two 50429(830)
50429(830)	2	Rotating Hook Shaft Oil Sling Set Screw
149066		Rotating Hook Thread Guard
1053(805)	4	Rotating Hook Thread Guard Screw
143351		Rotating Hook Wiper (leather)
147256		Slack Thread Regulator
190(809)		Slack Thread Regulator Screw
147092		Stitch Length Indicator Plate
402(819)		Stitch Length Indicator Plate Screw
143085		Stitch Regulator
143134		Stitch Regulator 143085 with 140549(805), 143086 and 143378
143086		Stitch Regulator Locking Slide
143087		Stitch Regulator Locking Slide Ratchet Wheel
143088		Stitch Regulator Locking Slide Ratchet Wheel Pin

List of Parts for Machine No. 281-5

No.	Name
143378	Stitch Regulator Locking Slide Spring
140549(805)	Stitch Regulator Locking Slide Spring Screw
2102	2 Tension Disc
1560(803)	Tension Regulating Thumb Nut
1560(803)	Tension Regulating Thumb Nut Lock Nut
147151	Tension Releasing Disc
147159	Tension Releasing Lever Body
147160	Tension Releasing Lever (adjustable) 147159 with 50123(819) and 147161
50123(819)	Tension Releasing Lever (adjustable) Screw
12398	Tension Releasing Lever Hinge Pin
147161	Tension Releasing Lever Segment
12329	Tension Releasing Lever Spring
32574	Tension Releasing Pin
147152	Tension Spring
140873(803)	Tension Stud
147292	Tension Stud 140873(803) with two 1560(803)
50305(803)	Tension Stud Set Screw
147293	Tension complete, Nos. 32574, 52083, 52394, 147151, 147152, 147292 and two 2102
147257	Thread Eyelet (side of arm) lower
208(830)	Thread Eyelet (side of arm) lower Screw
149166	Thread Eyelet and Thread Guard (front of arm)
52454	Thread Retainer

List of Parts for Machine No. 281-5

No.	Name
624(830)	Thread Retainer Set Screw
149128	Thread Take-up Crank and Thread Take-up Lever with 147193 and eighteen 143056 (for Agents only)
149199	Thread Take-up Crank and Thread Take-up Lever with 143057, 143058, 147193 and eighteen 143056
149200	Thread Take-up Crank and Thread Take-up Lever complete, Nos. 92440, 147075 and 149199 (for Agents only)
140609(830)	Thread Take-up Crank Clamping Screw
140610(819)	Thread Take-up Crank Clamping Screw Hole Plug Screw
147070	Thread Take-up Crank Clamping Screw Hole Plug Screw Gasket
1036(830)	Thread Take-up Crank Set Screw
147193	Thread Take-up Crank Wearing Plate
149161	Thread Take-up Lever Guard
147077	Thread Take-up Lever Guard Gasket
152(819)	Thread Take-up Lever Guard and Thread Eyelet and Thread Guard Screw (front of arm)
152(819)	Thread Take-up Lever Guard Screw
147073	Thread Take-up Lever Link Hinge Stud
92440	Thread Take-up Lever Link Hinge Stud Clip
147074	Thread Take-up Lever Link Hinge Stud Oil Wick
435(830)	Thread Take-up Lever Link Hinge Stud Set Screw
147075	Thread Take-up Lever Link Hinge Stud 147073 with 147074
147296	Thread Take-up Lever Oil Guard with 143196 and 147053
217(805)	Thread Take-up Lever Oil Guard Screw

List of Parts for Machine No. 281-5

No.	Name
143056	18 Thread Take-up Lever Roller Bearing
147079	Thread Take-up Lever Thread Eyelet Bushing
52394	Thread Take-up Spring
52083	Thread Take-up Spring Regulator with 50305(803)
448(830)	Thread Take-up Spring Regulator Set Screw
147259	Throat Plate Body
(149095) 147260	Throat Plate Cutting Bar (small needle hole) #53 Drill, #5 Needle Position for 147261
	Note: When ordering No. 149095, state required distance of trimmed edge from seam.
50438(804)	2 Throat Plate Cutting Bar Screw
127035	Throat Plate Slide
50438(804)	Throat Plate Slide Screw
(149097) 147262	Throat Plate Cutting Bar (large needle hole) #46 Drill, #5 Needle Position for 149098
	Note: No. 149097 3/16 in. gauge (tied to the Arm of Machine) is also sent with the machine unless another gauge is specified on order.
	Note: When ordering No. 149097, state required distance of trimmed edge from seam.
(149096) 147261	Throat Plate (small needle hole) complete, for 3/32 in., 1/8 in., 5/32 in., 3/16 in., and 1/4 in. trim, #53 Drill, #5 Needle Position, Nos. 127035, 147259, 149095 and three 50438(804)
	Note: When ordering No. 149096, state required distance of trimmed edge from seam.

List of Parts for Machine No. 281-5

No.	Name
(149098) 147263	Throat Plate (large needle hole) complete, for 3/32 in., 1/8 in., 5/32 in., 3/16 in. and 1/4 in. trim, #46 Drill, #5 Needle Position Nos. 127035, 147259, 149097 and three 50438(804)
	Note: No. 149098 1/8 in. gauge is sent with this machine unless another gauge is specified on order.
	Note: When ordering No. 149098, state required distance of trimmed edge from seam.
142032	Throat Plate Cutting Bar (small needle hole) #53 Drill, #5 Needle Position for 147294
147294	Throat Plate (small needle hole) complete, for 1/16 in. trim, #53 Drill, #5 Needle Position for use with No. 149025, Nos. 127035, 142032, 147259 and three 50438(804)
52131	Throat Plate Cutting Bar (large needle hole) #46 Drill, #5 Needle Position for 147295
147295	Throat Plate (large needle hole) complete, for 1/16 in. trim, #46 Drill, #5 Needle Position for use with No. 149025, Nos. 52131, 127035, 147259 and three 50438(804)
1454(850)	2 Throat Plate Screw
143176	2 Trade Mark Rivet
Cat. No. 1515 (16x95)	Needle

ACCESSORIES

No.		Name
270010	2	Bobbin
25878		Edge Guide
Cat. No. 1515 (16x95)	6	Needle
143308	4	Machine Base and Oil Reservoir Cushion
12361	2	Machine Hinge Connection
41400		Machine Rest Pin (wood)
121741		One Quart Can filled with light grade stainless oil
228476		Screw Driver
120440		Screw Driver
259477		Screw Driver 5 in. long
146057		Wrench (socket) for 140609(830)
		Note: Nos. 8908, 11140 and 146057 are not regularly furnished.
8908		Wrench
11140		Wrench
129090		Wrench for 1607

BOBBIN WINDER NO. 259462

259428		Brake (leather)
259429		Brake Clamp
200113(806)		Brake Clamp Screw
225453		Frame with 202277 and 259660
225454		Frame Hinge Pin



BOBBIN WINDER NO. 259462 (Cont'd)

No.	Name
202277	Frame Oil Packing (wick)
259660	Frame Oil Well Washer
225455	Frame Spring
225456	Frame Spring Plunger
259930	Pulley with 457(830)
457(830)	Pulley Set Screw
225381	Spindle
225444	Stop Latch
200056(805)	Stop Latch Screw
225458	Stop Latch Thumb Lever
225459	Stop Latch Thumb Lever Hinge Stud
225459	Stop Latch Thumb Lever Joint Stud
202478	Stop Latch Trip Lever
200299(819)	Stop Latch Trip Lever Hinge Screw
225461	Tension Bracket with 201499(819)
200082(804)	Tension Bracket Screw
228026	Tension Bracket Screw Washer
2102	2 Tension Disc
13710	Tension Spring
201499(819)	Tension Stud
201572(819)	Tension Stud Thumb Nut
225462	Bobbin Winder Tension Bracket complete, Nos. 13710, 201572(819), 225461 and two 2102

BOBBIN WINDER NO. 259462 (Cont'd)

No.	Name
259462	Bobbin Winder complete, Nos. 200056(805), 200082(804), 200113(806), 200299(819), 202478, 225381, 225444, 225453, 225454, 225455, 255456, 225458, 225462, 228026, 259428, 259429, 259662, 259930, two each 225459 and wood screws 3/4 in. No. 12 R. H. B.

KNEE LIFTER PARTS

147480	Bell Crank Plunger
143280	Rock Shaft
147481	Rock Shaft 143280 with 147482, 147483 and 147485
147482	Rock Shaft Crank with 140351(830) and 143282
140350(830)	Rock Shaft Crank Adjusting Screw
143282	Rock Shaft Crank Adjusting Screw 140350(830) and 51649(809)
51649(809)	Rock Shaft Crank Adjusting Screw Lock Nut
140351(830)	Rock Shaft Crank Clamping Screw
147487	Rock Shaft Knee Arm
147489	Rock Shaft Knee Arm Hub with 140351(830) and 140737(869)
140351(830)	Rock Shaft Knee Arm Hub Clamping Screw
140737(869)	Rock Shaft Knee Arm Set Screw
147488	Rock Shaft Knee Arm complete, Nos. 2767, 147487 and 147489
2767	Rock Shaft Knee Arm Plate with 356(803)
356(803)	Rock Shaft Knee Arm Plate Set Screw
147485	Rock Shaft Spring
147483	Rock Shaft Stop Dog with 140351(830)

## HIGH MORTALITY LIST

Recommended Spare Parts and Needles for one years maintenance

281-5 Machine

1 M/c	Quantity		Part Number	Name
	5 M/c	10 M/c		
1	5	10	52239	Arm Spool Pin and Thread Eyelet
1	5	10	149025	Feed Dog
2	10	20	50117(830)	Feed Dog Screw
3	15	30	147211	Knife (narrow)
3	15	30	147495	Knife (wide)
3	15	30	620(830)	Knife Adjusting Screw
2	10	20	185(850)	Knife Screw
2	10	20	2291	Knife Screw Washer
1	5	10	149139	Presser Bar (hollow)
1	5	10	147247	Presser Bar Lifter
1	5	10	147253	Presser Foot (spring hinged) complete, for 1/8 in. and 5/32 in. trimming margin
1	5	10	147254	Presser Foot (spring hinged) complete, for 3/16 in., 1/4 in., 9/32 in. and 5/16 in. trimming margin
				Note: When ordering Nos. 147253 and 147254, state required distance of trimmed edge from seam.
				Note: No. 147253, 1/8 in. gauge and No. 147254, 3/16 in. gauge are sent with this Machine unless other gauges are specified on order.
1	5	10	140390(830)	Presser Foot Screw
1	5	10	149145	Rotating Hook
6	30	60	270010	Rotating Hook Bobbin
1	5	10	147256	Slack Thread Regulator
1	5	10	190(809)	Slack Thread Regulator Screw
6	30	60	2102	Tension Disc
2	10	20	147151	Tension Releasing Disc
1	5	10	12329	Tension Releasing Lever Spring
1	5	10	147292	Tension Stud
1	5	10	147257	Thread Eyelet (side of arm) lower
1	5	10	149166	Thread Eyelet and Thread Guard (front of arm)
1	5	10	52454	Thread Retainer

KNEE LIFTER PARTS (Cont'd)

No.	Name
140351(830)	Rock Shaft Stop Dog Clamping Screw
147484	Rock Shaft complete, Nos. 147481 and 147488

MACHINE BASE and OIL RESERVOIR

147491	Machine Base and Oil Reservoir
143257	Machine Base and Oil Reservoir Gasket (cork)
50741(805)	Machine and Machine Base and Oil Reservoir Screw (for shipping purposes)
140343(805)	Machine and Machine Base and Oil Reservoir Screw Hole Plug Screw
149121	Machine Base and Oil Reservoir (large) with Knee Lifter Rock Shaft, Nos. 50741(805), 143257, 143280, 147480, 147482, 147483, 147485 and 147491

FITTINGS

(For Triangular Needle Hole Location)

No.	Name
143553	Feed Dog, 12 teeth (8 teeth to the inch) for 1/8 in. -1/8 in. and 9/64 in. -9/64 in. gauges, for 143600
	Note: When ordering No. 143553, state gauge required.
1255(805)	Feed Dog Screw
143562	Needle Clamp with three 51334(830), for 1/8 in. -1/8 in. and 9/64 in. -9/64 in. gauges
	Note: When ordering No. 143562, state gauge required.
51334(830)	Needle Set Screw (3)
143563	Needle Guard (movable) for 1/8 in. -1/8 in. and 9/64 in. -9/64 in. gauges
	Note: When ordering No. 143563, state gauge required.
143564	Presser Foot Plate
	Note: When ordering No. 143564, state gauge required.
128390	Presser Foot Plate Hinge Stud (2)
665(809)	Presser Foot Plate Hinge Stud Position Screw (2)
143591	Presser Foot Shank
143592	Presser Foot Yielding Heel
	Note: When ordering No. 143592, state gauge required.
143593	Presser Foot Yielding Heel Connection
18055	Presser Foot Yielding Heel Connection Hinge Pin
20178	Presser Foot Yielding Heel Connection Spring
18055	Presser Foot Yielding Heel Hinge Pin

## ACCESSORIES

No.	Name
Cat. No. 3651 (149x3)	Needle (18)
120344	Oiler with 120345 (not filled)
120345	Oiler Spout (4 1/2 in. long)
120341	Tweezers
4879	Treadle Chain Connecting Link (hook)
6439	Treadle Chain (45 in. ) with 56864 and 56865
56864	Treadle Chain Hook (large)
56865	Treadle Chain Hook (small)
139190	Machine Cushion
139191	Machine Mounting Cushion (2)
51069(813)	Machine Mounting Cushion Bolt (2)
2807	Machine Mounting Cushion Bolt Washer (2)
146(813)	Machine Screw (for mounting machine to cushion) (2)

## BELT GUARD

143574	Belt Guard
146(819)	Belt Guard Adjusting Screw (2)
143575	Belt Guard Bracket
143576	Belt Guard Holder with 1448(830)
1448(830)	Belt Guard Holder Set Screw
143577	Belt Guard complete, Nos. 143574, 143575, 143576 and four 146(819)
146(819)	Belt Guard Screw (2)

FOOT LIFTER AND TREADLE STARTING PARTS (Cont'd)

No.	Name
1522(816)	Starting Treadle Support Bracket Bolt Nut (2)
126509	Starting Treadle Support Bracket Bolt Nut Socket Washer (2)
12620(816)	Starting Treadle Support Bracket Bolt Washer (2)

THREAD UNWINDER FOR SIX CONES

150364	Base with two 437(830)
150653	Rod with 151614
151614	Rod Coupling
437(830)	Rod Set Screw (2)
150366	Thread Cone Holder (6)
164(809)	Thread Cone Holder Screw (6)
19020	Thread Cone Holder Screw Washer (6)
150654	Thread Cone Holder Support for two cones
150367	Thread Cone Holder Support for four cones
150655	Thread Cone Holder Support Bracket for 150654
51083(813)	Thread Cone Holder Support Bracket Bolt with 51581(813)
51581(813)	Thread Cone Holder Support Bracket Bolt Nut
51082(813)	Thread Cone Holder Support Bolt with 51581(813), for 150367
51581(813)	Thread Cone Holder Support Bolt Nut
150368	Thread Cone Steady Wire (6)
150656	Thread Guide for two threads
150369	Thread Guide for four threads
178(809)	Thread Guide Screw (2)

Quantity			Part Number	Name
1 M/c	5 M/c	10 M/c		
1	5	10	143568	Tension (looper thread) complete
15	75	150	2102	Tension (needle thread) Disc
3	15	30	32572	Tension (needle thread) Releasing Disc
3	15	30	59539	Tension (needle thread) Screw Stud
2	10	20	49220	Tension (needle thread) Thread Guide (back)
2	10	20	143569	Tension (needle thread) Thread Guide (center)
2	10	20	131696	Tension (needle thread) Thread Guide (front)
3	15	30	139181	Thread Cutter (knife)
6	30	60	198(818)	Thread Cutter Screw
1	5	10	143570	Thread Guide (front of arm)
1	5	10	140180(809)	Thread Guide (front of arm) Screw
1	5	10	139147	Thread (looper) Take-up Cover Lock Spring
1	5	10	139148	Thread (looper) Take-up Stripper
1	5	10	139154	Thread (looper) Take-up Thread Guide (left)
1	5	10	237(809)	Thread (looper) Take-up Thread Guide (left) Screw
1	5	10	139315	Thread (looper) Take-up Thread Guide (right) (for one thread)
1	5	10	139316	Thread (looper) Take-up Thread Guide (right) (for two threads)
1	5	10	139317	Thread (looper) Take-up Thread Separator
1	5	10	139171	Thread (looper) Thread Guide (front of bed) Cover Catch
1	5	10	229(809)	Thread (looper) Thread Guide (front of bed) Cover Catch Screw
3	15	30	139158	Thread (looper) Thread Guide (intermediate, left and right)
1	5	10	139177	Thread (needle) Eyelet
1	5	10	143571	Thread (needle) Eyelet (side of arm)
1	5	10	724(809)	Thread (needle) Eyelet (side of arm) Screw
1	5	10	143572	Thread (needle) Take-up
1	5	10	**143596	Throat Plate (1/8 in. -1/8 in. and 9/64 in. -9/64 in. gauges)
3	15	30	691(806)	Throat Plate Screw
			Cat. No. 3651 (149x3)	Needle