

SINGER
211W146

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 211w146

SINGLE NEEDLE. HIGH SPEED. LONG ARM. DROP FEED.

LINK TAKE-UP. BALL BEARING ROLLER PRESSER.

LOCK STITCH. VERTICAL AXIS HOOK.

THE STITCH LENGTH IS CONTROLLED BY AN
ADJUSTABLE ECCENTRIC ON THE BED SHAFT

AND CHANGED BY DEPRESSING A PLUNGER
ON THE TOP SURFACE OF THE BED. THREAD

LUBRICATOR RESERVOIR MOUNTED INSIDE
FACE PLATE. MAXIMUM LENGTH OF STITCH

6 TO THE INCH.

FOR SHOES, LEATHER, ETC.

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<u>Part Number</u>	<u>Description</u>
*267324	Arm with 267343 and 267388
244751	Arm Cover (top) with 267272
267395	Arm Cover (top) Gasket (vellumoid)
200047X	Arm Cover (top) Screw (6)
267343	Arm Oil Drain Tube, 2 in. long, for 267324
204235	Arm Position Pin (2)
200004E	Arm Screw (4)
202005	Arm Screw Washer (4)
*267158	Arm Shaft, for 267247
267247	Arm Shaft 267158 with 200333C, 200374ALX, 200378C, 200388C, 267221 and 267222
272142	Arm Shaft Ball Bearing (back) (double shielded bearing) for 267306
244747	Arm Shaft Bushing
204329	Arm Shaft Bushing Oil Pad (felt) (lower)
267160	Arm Shaft Bushing Oil Pad (felt) (upper)
200341C	Arm Shaft Bushing Set Screw
267161	Arm Shaft Connection Belt (reinforced neoprene)
267162	Arm Shaft Connection Belt Pulley with 200363ALX, 350492C and two 202253
350492C	Arm Shaft Connection Belt Pulley Position Screw, for 267162
200363ALX	Arm Shaft Connection Belt Pulley Set Screw, for 267162
202253	Arm Shaft Connection Belt Pulley Spring Flange, for 267162
*244702	Bed

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<u>Part Number</u>	<u>Description</u>
350440X	Bed Oil Screw
350366X	Bed Oil Stop Screw (2)
243744	Bed Oil Stop Screw Gasket (2)
202254	Bed Oil Wick (4)
267321	Bed Oil Supply Tube with 267322
267322	Bed Oil Supply Tube Oil Wick, for 267321
267254	Bed Oil Tube Clamp
267276	Bed Oil Tube Clamp Oiling Felt
200034C	Bed Oil Tube Clamp Screw
240003	Bed Slide (back)
223811	Bed Slide (back) Stop
223812	Bed Slide (back) Stop Spring
240004	Bed Slide (front)
203470	Bobbin
*235099	Bobbin Case, for 235100
203648	Bobbin Case Latch, for 235100
*202056	Bobbin Case Latch Pin, for 235100
203473	Bobbin Case Latch Plunger, for 235100
203474	Bobbin Case Latch Spring, for 235100
241674	Bobbin Case Oiling Felt, for 235100
241675	Bobbin Case Oiling Felt Retainer, for 235100
350405C	Bobbin Case Oiling Felt Retainer Screw, for 235100
267351	Bobbin Case Opener, for 244720

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<u>Part Number</u>	<u>Description</u>
267166	Bobbin Case Opener Crank, for 244720
200135C	Bobbin Case Opener Crank Cap Screw, for 244720
267167	Bobbin Case Opener Crank Hinge Stud, for 244720
200374ALX	Bobbin Case Opener Crank Hinge Stud Set Screw, for 244720
200388C	Bobbin Case Opener Crank Hinge Stud Set Screw Check Screw, for 244720
244704	Bobbin Case Opener Driving Cam Shaft, for 244720
267370	Bobbin Case Opener Driving Cam Shaft Bushing (lower) for 267194
267371	Bobbin Case Opener Driving Cam Shaft Bushing (upper) for 267194
267365	Bobbin Case Opener Driving Cam Shaft Gear (spiral) with two 350595XC, for 244720
350595XC	Bobbin Case Opener Driving Cam Shaft Gear (spiral) Set Screw, for 267365
267172	Bobbin Case Opener Link, for 244720
200135C	Bobbin Case Opener Link Cap Screw, for 244720
200110D	Bobbin Case Opener Screw, for 244720
203214	Bobbin Case Tension Spring, for 235100
200984C	Bobbin Case Tension Spring Regulating Screw, for 235100
200594E	Bobbin Case Tension Spring Screw, for 235100
203216	Bobbin Case Washer (cloth), for 235100
235100	Bobbin Case complete, Nos. 200594E, 200984C, 202056, 203214, 203216, 203473, 203474, 203648, 235099, 241674, 241675 and two 350405C, for 244711

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<u>Part Number</u>	<u>Description</u>
267400	Dynamic Head End Lubrication Device complete, Nos. 267396, 267397, 267398, 267399 and five 237D
267325	Face Plate, for 267326
267326	Face Plate and Thread Lubricator complete, Nos. 1623X, 201738X, 201750X, 244735 to 244743, 267323, 267325, two 244746 and six 201402X
200047D	Face Plate Screw (2)
240223	Feed Bar, for 240224
240224	Feed Bar 240223 with 225837, 267273 and 350197E, for 244690
350393C	Feed Bar Hinge Screw (driving) for 244690
201518E	Feed Bar Hinge Screw Nut, for 244690
211263	Feed Dog, for 244686
200106E	Feed Dog Screw (2)
268064	Feed Driving Eccentric
268065	Feed Driving Eccentric Adjusting Disc
268066	Feed Driving Eccentric Adjusting Disc Spring
268067	Feed Driving Eccentric Adjusting Disc Spring Collar with two 200382ALX
200382ALX	Feed Driving Eccentric Adjusting Disc Spring Collar Set Screw, for 268067
267031	Feed Driving Eccentric Connection, for 267032
267032	Feed Driving Eccentric Connection 267031 with 268063 and 270653
267033	Feed Driving Eccentric Connection Friction Washer
200582X	Feed Driving Eccentric Connection Friction Washer Screw (3)

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<u>Part Number</u>	<u>Description</u>
267034	Feed Driving Eccentric Connection Hinge Stud
270653	Feed Driving Eccentric Connection Hinge Stud Needle Bearing, for 267032
200054C	Feed Driving Eccentric Connection Hinge Stud Pinch Screw, for 244710
268063	Feed Driving Eccentric Connection Needle Bearing, for 267032
244706	Feed Driving Eccentric Connection Oil Tube with 267261
267293	Feed Driving Eccentric Connection Oil Tube Support
267261	Feed Driving Eccentric Connection Oil Tube Wick, for 244706
267623	Feed Driving Eccentric Friction Plate, for 267180
350548C	Feed Driving Eccentric Friction Plate Screw, for 267180
350477C	Feed Driving Eccentric Friction Plate Screw Set Screw, for 267180
241763	Feed Driving Eccentric Friction Plate Screw Set Screw Packing (brass) for 267180
267180	Feed Driving Flange with 267623, two each 241763, 350467C, 350477C and 350548C
350467C	Feed Driving Flange Set Screw, for 267180
248502	Feed Driving Rock Shaft, for 244690
244690	Feed Driving Rock Shaft 248502 with 201518E, 240224, and 350393C
244730	Feed Driving Rock Shaft Bushing (left)
267256	Feed Driving Rock Shaft Bushing (left) Oil Tube with 267262
267262	Feed Driving Rock Shaft Bushing (left) Oil Tube Wick, for 267256

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<u>Part Number</u>	<u>Description</u>
244730	Feed Driving Rock Shaft Bushing (right)
267257	Feed Driving Rock Shaft Bushing (right) Oil Tube with 267263
267263	Feed Driving Rock Shaft Bushing (right) Oil Tube Wick, for 267257
244710	Feed Driving Rock Shaft Crank with 200029E, 200054C and 200398C
200029E	Feed Driving Rock Shaft Crank Pinch Screw, for 244710
200398C	Feed Driving Rock Shaft Crank Set Screw, for 244710
202625	Feed Driving Rock Shaft Stop Collar with two 200383C(2)
200383C	Feed Driving Rock Shaft Stop Collar Set Screw, for 202625
267182	Feed Lifting Eccentric with 201220ALX
267273	Feed Lifting Eccentric Fork with 200173D and 223655, for 240224
350197E	Feed Lifting Eccentric Fork Screw, for 240224
225837	Feed Lifting Eccentric Fork Screw Washer, for 240224
223655	Feed Lifting Eccentric Oiling Felt, for 267273
200173D	Feed Lifting Eccentric Oiling Felt Screw, for 267273
201220ALX	Feed Lifting Eccentric Set Screw, for 267182
267245	Feed Regulating Stud
240245	Feed Regulating Stud Retaining Spring
270026	Feed Regulating Stud Spring
*267355	Hook (sewing) with two 140434ALX, for 267356
267356	Hook 267355 with 267358 to 267360, 350574F, two each 200591X, 201253F and 201409F, for 244711

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<u>Part Number</u>	<u>Description</u>
244711	Hook and Bobbin Case complete, Nos. 235100 and 267356, for 244720
267053	Hook Ball Bearing, for 244720
267361	Hook Ball Bearing Retainer, for 244720
200089X	Hook Ball Bearing Retainer Screw, for 244720
267188	Hook Driving Gear (spiral) with 200382ALX and 201220ALX
201220ALX	Hook Driving Gear Position Screw, for 267188
200382ALX	Hook Driving Gear Set Screw, for 267188
267366	Hook Driving Pinion with two 350595XC, for 244720
350595XC	Hook Driving Pinion Set Screw, for 267366
267248	Hook Driving Pinion Thrust Bearing, for 244720
244712	Hook Driving Shaft
244713	Hook Driving Shaft Ball Bearing (double shielded bearing) for 244714
267190	Hook Driving Shaft Ball Bearing Collar with 200382ALX and 201220ALX, for 244714
244714	Hook Driving Shaft Ball Bearing Collar 267190 with 244713
201220ALX	Hook Driving Shaft Ball Bearing Collar Position Screw, for 267190
200382ALX	Hook Driving Shaft Ball Bearing Collar Set Screw, for 267190
267063	Hook Driving Shaft Ball Bearing Retaining Washer
200580X	Hook Driving Shaft Ball Bearing Retaining Washer Screw (3)
244715	Hook Driving Shaft Bearing (left)
263093	Hook Driving Shaft Bearing (left) Oil Packing Wick

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<u>Part Number</u>	<u>Description</u>
244716	Hook Driving Shaft Bearing (left) Oil Tube with 244717
244717	Hook Driving Shaft Bearing (left) Oil Tube Wick, for 244716
267304	Hook Driving Shaft Connection Belt Pulley with 202253 and two 201254C
201254C	Hook Driving Shaft Connection Belt Pulley Set Screw, for 267304
202253	Hook Driving Shaft Connection Belt Pulley Spring Flange, for 267304
267358	Hook Gib, for 267356
201253F	Hook Gib Screw, for 267356
350574F	Hook Height Adjusting Screw, for 267356
267359	Hook Needle Guard, for 267356
201409F	Hook Needle Guard Screw, for 267356
267194	Hook Saddle with 200185D, 267367, 267370 and 267371, for 244720
244718	Hook Saddle Bearing (right)
223847	Hook Saddle Bearing (right) Oil Packing (wick)
244719	Hook Saddle Bearing (right) Oil Tube with 267262
267262	Hook Saddle Bearing (right) Oil Tube Wick, for 244719
244720	Hook Saddle complete, Nos. 200110D, 200374AL, 200378C, 200388C, 244084, 244704, 244711, 267053, 267166, 267167, 267172, 267194, 267198, 267200, 267212, 267215, 267248, 267351, 267365, 267366, 350564E, two each 200089X, 200135C, 267361 and eight 200061ALX
267198	Hook Saddle Oil Gauge Sleeve with 267277, for 244720
350564E	Hook Saddle Oil Regulating Screw, for 244720
200378C	Hook Saddle Oil Regulating Screw Check Screw, for 244720
244084	Hook Saddle Oil Regulating Screw Check Screw Packing (fibre) for 244720

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<u>Part Number</u>	<u>Description</u>
267200	Hook Saddle Oil Reservoir, for 244720
267212	Hook Saddle Oil Reservoir Gasket, for 244720
200061ALX	Hook Saddle Oil Reservoir Screw, for 244720
200185D	Hook Saddle Oil Stop Screw, for 267194
267277	Hook Saddle Oil Strainer, for 267198
267139	Hook Saddle Pinch Sleeve (lower)
267140	Hook Saddle Pinch Sleeve (upper)
200001E	Hook Saddle Pinch Sleeve Screw
200006E	Hook Saddle Screw
225585	Hook Saddle Screw Washer
140434ALX	Hook Set Screw, for 267355
267215	Hook Shaft with 270880 and 276061, for 244720
267367	Hook Shaft Bushing, for 267194
270880	Hook Shaft Oil Wick, for 267215
276061	Hook Shaft Oil Wick Holder, for 267215
267360	Hook Thread Guard, for 267356
200591X	Hook Thread Guard Screw, for 267356
240068	Knee Lifter Lifting Lever
223733	Knee Lifter Lifting Lever Extension
200082D	Knee Lifter Lifting Lever Extension Screw (2)
350464X	Knee Lifter Lifting Lever Hinge Screw
267289	Knee Lifter Lifting Lever Spring
200738X	Knee Lifter Lifting Lever Spring Stop Screw

MACHINE NO. 211w146

<u>Part Number</u>	<u>Description</u>
267305	Machine Pulley (aluminum alloy casting) for "V" Belt, (outside diam. of belt groove 2.9 in.) (rim diam. 4 in.) (inside belt groove) with 350540C and 350541C, for 267306
267306	Machine Pulley 267305 with 272142
350540C	Machine Pulley Position Screw, for 267305
350541C	Machine Pulley Set Screw, for 267305
244681	Needle Bar with 200125ALX, 200175D and 240039
235871	Needle Bar Bushing (lower)
267317	Needle Bar Bushing (upper)
200352ALX	Needle Bar Bushing Set Screw (2)
202552	Needle Bar Connecting Link
267307	Needle Bar Connecting Link Guide Block
200051E	Needle Bar Connecting Link Guide Block Screw (2)
267308	Needle Bar Connecting Link Oil Guard
267221	Needle Bar Connecting Link Stud with 202254, for 267247
202254	Needle Bar Connecting Link Stud Oil Packing (wick) for 267221
200374ALX	Needle Bar Connecting Link Stud Set Screw, for 267247
200388C	Needle Bar Connecting Link Stud Set Screw, for 267247
264714	Needle Bar Connecting Stud with 200072C and 202330
202330	Needle Bar Connecting Stud Oil Packing (wick) for 264714
200072C	Needle Bar Connecting Stud Pinch Screw, for 264714
*267222	Needle Bar Crank, for 267247
267224	Needle Bar Crank Friction Washer

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<u>Part Number</u>	<u>Description</u>
200333C	Needle Bar Crank Position Screw, for 267247
200378C	Needle Bar Crank Position Screw Check Screw, for 267247
267309	Needle Bar Oiling Felt (lower)
267330	Needle Bar Oiling Felt (lower) Retainer
200904X	Needle Bar Oiling Felt (lower) Retainer Screw
267311	Needle Bar Oiling Felt (upper)
267312	Needle Bar Oiling Felt (upper) Retainer
240039	Needle Bar Thread Guide, for 244681
200175D	Needle Bar Thread Guide Screw, for 244681
200125ALX	Needle Bar Set Screw, for 244681
267272	Oil Lever Indicator, for 244751
267236	Oil Reservoir Oil Wick
267396	Oil Vibrating Pump Block, for 267400
237D	Oil Vibrating Pump Block Screw, for 267400
267397	Oil Vibrating Pump Bracket, for 267400
200142E	Oil Vibrating Pump Bracket Screw (2)
267398	Oil Vibrating Pump Weight, for 267400
237D	Oil Vibrating Pump Weight Screw, for 267400
267399	Oil Vibrating Pump Weight Spring, for 267400
237D	Oil Vibrating Pump Weight Spring Screw, for 267400
207072	Presser Bar Bushing (lower)
207072	Presser Bar Bushing (upper)
200352ALX	Presser Bar Bushing Set Screw (2)

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<u>Part Number</u>	<u>Description</u>
202671	Presser Bar Lifter
200653C	Presser Bar Lifter Hinge Screw
267238	Presser Bar Lifting Releasing Lever Bracket
200975F	Presser Bar Lifting Releasing Lever Bracket Guide Screw
206608	Presser Bar Lifting Releasing Lever Bracket Spring
235901	Presser Bar Position Guide with 200054E
200054E	Presser Bar Position Guide Pinch Screw, for 235901
267313	Presser Bar Spring Bracket with 200086ALX
200086ALX	Presser Bar Spring Bracket Pinch Screw, for 267313
267251	Presser Bar Spring (flat)
350581C	Presser Bar Spring Regulating Screw
200948F	Presser Bar Spring Support Screw
201926	Roller Presser, 13/16 in. diam., 5/32 in. face (fine) with 1528X, 201699C, 350104C and twenty-eight 206417, for 203423
203422	Roller Presser Arm, for 203423
203423	Roller Presser Arm 203422 with 201926, for 244682
233807	Roller Presser Arm Bracket, for 244682
235088	Roller Presser Arm Bracket Position Collar with 200362C, for 244682
200117F	Roller Presser Arm Bracket Position Collar Position Screw, for 244682
200362C	Roller Presser Arm Bracket Position Collar Set Screw, for 235088
202558	Roller Presser Arm Bracket Spring, for 244682
202559	Roller Presser Arm Bracket Spring Stop, for 244682

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<u>Part Number</u>	<u>Description</u>
200141F	Roller Presser Arm Bracket Spring Stop Screw, for 244682
200096D	Roller Presser Arm Screw, for 244682
206417	Roller Presser Ball, 1/16 in. diameter, for 201926
201699C	Roller Presser Ball Cone, for 201926
202557	Roller Presser Bar, for 244682
350104C	Roller Presser Hinge Screw, for 201926
1528X	Roller Presser Hinge Screw Nut, for 201926
244682	Roller Presser and Bar complete, Nos. 200096D, 200117F, 202557, 202558, 202559, 203423, 233807, 235088 and two 200141F
240139	Take-up Lever
202399	Take-up Lever Driving Stud with 244071
244071	Take-up Lever Driving Stud Oil Packing (wick) for 202399
244726	Take-up Lever Guard
201341C	Take-up Lever Guard Screw (3)
267239	Take-up Lever Hinge Stud with 235706
235706	Take-up Lever Hinge Stud Oil Packing (wick) for 267239
200383C	Take-up Lever Hinge Stud Set Screw
202401	Take-up Lever Oiling Felt
200132E	Take-up Lever Oiling Felt Screw
240023	Tension Bracket with 201224X and 236060, for 244727
200159F	Tension Bracket Screw
244727	Tension Bracket complete, Nos. 201199F, 204271, 223438, 223703, 223704, 223706, 240023, 267315, 267368, 350588X, two each 200309E, 201572X and 244048

MACHINE NO. 211w146

<u>Part Number</u>	<u>Description</u>
244048	Tension Disc, for 244727
236060	Tension Disc Position Pin, for 240023
223703	Tension Release Lever, for 244727
267265	Tension Release Lever Rod
267388	Tension Release Lever Rod Tube, for 267324
200309E	Tension Release Lever Screw, for 244727
223704	Tension Release Plunger, for 244727
204271	Tension Release Washer, for 244727
223438	Tension Spring, for 244727
201224X	Tension Stud, for 240023
201572X	Tension Thumb Nut, for 244727
223706	Thread Controller Disc, for 244727
350588X	Thread Controller Disc Screw, for 244727
267368	Thread Controller Spring, for 244727
267315	Thread Controller Spring Stop, for 244727
201199F	Thread Controller Stud with 204925, for 244727
200337C	Thread Controller Stud Set Screw
201572X	Thread Controller Stud Thumb Nut
204925	Thread Controller Stud Washer, for 201199F
267246	Thread Guide
200582X	Thread Guide Screw
271017	Thread Guide (top of Arm)
201525E	Thread Guide (top of Arm) Lock Nut

MACHINE NO. 211w146

<u>Part Number</u>	<u>Description</u>
244683	Thread Guide and Oil Tube Bracket
200582X	Thread Guide and Oil Tube Bracket Screw (2)
241765	Thread Lubricator Oil Pad (felt) for 244689
244688	Thread Lubricator Oil Pad Clamping Spring, for 244689
263554	Thread Lubricator Oil Pad Holder, for 244689
244687	Thread Lubricator Oil Pad Holder Hinge, for 244689
200583X	Thread Lubricator Oil Pad Holder Hinge Screw, for 244689
244688	Thread Lubricator Oil Pad Holder Hinge Spring, for 244689
51229X	Thread Lubricator Oil Pad Holder Screw, for 244689
244689	Thread Lubricator Oil Pad Holder complete, Nos. 241765, 244687, 244744, 263554, two each 51229X, 200583X and 244688
244735	Thread Lubricator Oil Reservoir Cover (on Face Plate) for 267326
244736	Thread Lubricator Oil Reservoir Cover Gasket (on Face Plate) for 267326
201402X	Thread Lubricator Oil Reservoir Cover Screw, for 267326
244737	Thread Lubricator Oil Socket, for 267326
1623X	Thread Lubricator Oil Socket Lock Nut, for 267326
244738	Thread Lubricator Oil Socket Lock Nut Washer, for 267326
244746	Thread Lubricator Oil Socket Oil Seal, for 267326
244739	Thread Lubricator Oil Socket Plunger, for 267326
201750X	Thread Lubricator Oil Socket Plunger Adjusting Nut, for 267326

MACHINE NO. 211w146

<u>Part Number</u>	<u>Description</u>
244740	Thread Lubricator Oil Socket Plunger Oil Seal (rubber) for 267326
244741	Thread Lubricator Oil Socket Plunger Release Lever, for 267326
267323	Thread Lubricator Oil Socket Plunger Release Lever Pin, for 267326
244742	Thread Lubricator Oil Socket Plunger Spring, for 267326
244743	Thread Lubricator Oil Tube, for 267326
244685	Thread Lubricator Oil Tube Extension (plastic)
201738X	Thread Lubricator Oil Tube Nut, for 267326
244744	Thread Lubricator Plate, for 244689
244729	Thread Retainer
244686	Throat Plate, 50 needle hole, for needle sizes 14 and 15, for 211263
691F	Throat Plate Screw (2)

ACCESSORIES

<u>Part Number</u>	<u>Description</u>
200157X	Attachment Screw
203470	Bobbin (2)
228885	Drip Pan, for 228886
228883	Drip Pan Drain Jar, for 228886
350708	Drip Pan (plastic) Screw Nail, for 228886
228886	Drip Pan (plastic) complete, Nos. 228883, 228885 and five 350708
267197	Hook Saddle Oil Gauge
12361	Machine Hinge Connection (2)
41400	Machine Rest Pin (wood)
128x22	Needles, Chromium Narrow Wedge, six, size 14
120342	Oiler (copper plated) with 120343
120343	Oiler Spout, 3-1/2 in. long, for 120342
4822	Roller Presser Hinge Screw Nut Wrench
225498	Screw Driver (7-1/4 in. long)
228476	Screw Driver (Bobbin Case)
225554	Wrench
267242	Wrench

BOBBIN WINDER

259428	Bobbin Winder Brake (leather) for 259462
259429	Bobbin Winder Brake Clamp, for 259462
200113F	Bobbin Winder Brake Clamp Screw, for 259462
225453	Bobbin Winder Frame with 244071 and 259660, for 259462

ACCESSORIES
BOBBIN WINDER

<u>Part Number</u>	<u>Description</u>
225454	Bobbin Winder Frame Hinge Pin, for 259462
244071	Bobbin Winder Frame Oil Packing (wick) for 225453
259660	Bobbin Winder Frame Oil Well Washer, for 225453
225455	Bobbin Winder Frame Spring, for 259462
225456	Bobbin Winder Frame Spring Plunger, for 259462
259461	Bobbin Winder Pulley with 200380C, for 259462
200380C	Bobbin Winder Pulley Set Screw, for 259461
225381	Bobbin Winder Spindle, for 259462
225444	Bobbin Winder Stop Latch, for 259462
200056E	Bobbin Winder Stop Latch Screw, for 259462
225458	Bobbin Winder Stop Latch Thumb Lever, for 259462
225459	Bobbin Winder Stop Latch Thumb Lever Hinge Stud, for 259462
225459	Bobbin Winder Stop Latch Thumb Lever Joint Stud, for 259462
202478	Bobbin Winder Stop Latch Trip Lever, for 259462
200299X	Bobbin Winder Stop Latch Trip Lever Hinge Screw, for 259462
225461	Bobbin Winder Tension Bracket with 201499X, for 225462
200082D	Bobbin Winder Tension Bracket Screw, for 259462
228026	Bobbin Winder Tension Bracket Screw Washer, for 259462
2102	Bobbin Winder Tension Disc, for 225462
13710	Bobbin Winder Tension Spring, for 225462
201499X	Bobbin Winder Tension Stud, for 225461

ACCESSORIES

BOBBIN WINDER

<u>Part Number</u>	<u>Description</u>
201572X	Bobbin Winder Tension Stud Thumb Nut, for 225462
225462	Bobbin Winder Tension Bracket complete, Nos.13710, 201572X,225461 and two 2102, for 259462
259662	Bobbin Winder and Tension Bracket Base, for 259462
259462	Universal Bobbin Winder complete, Nos. 200056E, 200082D,200113F,200299X,202478,225381,225444,225453 to 225456,225458,225462,228026,259428,259429,259461, 259662,two each 225459 and wood screws 3/4 in.,No.12, R.H.B.

NOTE:Bobbin Winder 259462 is furnished with this machine unless Bobbin Winder 259431 is specified on order.

KNEE LIFTER

2763	Knee Lifter Rock Shaft, for 228687
7539	Knee Lifter Rock Shaft Hanger with two wood screws 1 in., No. 10, for 228687
228364	Knee Lifter Rock Shaft Knee Plate with 350231C,for 228687
228318	Knee Lifter Rock Shaft Knee Plate Arm, for 228687
228685	Knee Lifter Rock Shaft Knee Plate Arm Bracket with two 356C, for 228687
356C	Knee Lifter Rock Shaft Knee Plate Arm Bracket Set Screw, for 228685
228686	Knee Lifter Rock Shaft Knee Plate Arm Counter Balance Spring, for 228687
356C	Knee Lifter Rock Shaft Knee Plate Arm Set Screw, for 228685
150668	Knee Lifter Rock Shaft Knee Plate Pad (rubber) for 228687

ACCESSORIES

KNEE LIFTER

<u>Part Number</u>	<u>Description</u>
350231C	Knee Lifter Rock Shaft Knee Plate Set Screw, for 228364
6337	Knee Lifter Rock Shaft Lifting Bracket with two 356C, for 228687
39811	Knee Lifter Rock Shaft Lifting Bracket Extension with 39576, for 228687
356C	Knee Lifter Rock Shaft Lifting Bracket Extension Set Screw, for 6337
356C	Knee Lifter Rock Shaft Lifting Bracket Set Screw, for 6337
227676	Knee Lifter Rock Shaft Lifting Chain, 18 in. long with 202784, for 228687
39576	Knee Lifter Rock Shaft Lifting Chain Hook (lower) for 39811
202784	Knee Lifter Rock Shaft Lifting Chain Hook (upper) for 227676
2770	Knee Lifter Rock Shaft Stop Dog with 140219C, for 228687
140219C	Knee Lifter Rock Shaft Stop Dog Set Screw, for 2770
228687	Knee Lifter Rock Shaft complete, Nos. 2763, 2770, 6337, 39811, 150668, 227676, 228318, 228364, 228685, 228686 and two 7539

THREAD UNWINDER

(FOR TWO SPOOLS)

228764	Thread Unwinder Spool Pin, for 228776
228766	Thread Unwinder Spool Rest (for two spools) (flat) with 201254C, for 228776

ACCESSORIES
THREAD UNWINDER

<u>Part Number</u>	<u>Description</u>
150203	Thread Unwinder Spool Rest Cushion (felt) for 228776
228767	Thread Unwinder Spool Rest Rod, for 228776
201254C	Thread Unwinder Spool Rest Set Screw, for 228766
228768	Thread Unwinder Spool Stand, for 228776
228769	Thread Unwinder Thread Guide, for 228776
228770	Thread Unwinder Thread Guide Holder (for one or two guides) for 228776
228774	Thread Unwinder Thread Guide Rod, for 228776
228776	Thread Unwinder (for two spools) complete, Nos. 228766 to 228768, 228770, 228774, two each 150203, 228764, 228769 and three wood screws 7/8 in., No. 12

MISCELLANEOUS PARTS

USED IN CONJUNCTION WITH THREAD UNWINDER

60913	Thread Unwinder Spool Weight with 60914
60914	Thread Unwinder Spool Weight Center Pin, for 60913
27739	Thread Unwinder Thread Cone (wood)
225390	Thread Unwinder Thread Cone Holder