

November 5, 1946
Department #54

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 147-109

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DO NOT REMOVE**

147-109

HKMC

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List of Parts Complete

for

Machine No. 147-109

No.	Name
*131601	Arm, upper and lower (solid) with 948J, 15404, 68423, two 15405 and four 131022
68423	Arm Bottom Cover
68429	" " " Gasket (cork)
1057 AL 4	" " " Screw
50608 R	" Hole Plug Screw, for access to Crank Connecting Rod (upper bearing)
139017	Arm Hole Plug Screw Washer
68350	" Oil Cup, for oiling Arm Rock Shaft Front Bearing
131664	Arm Oil Cup
131665	Arm Oil Cup Oil Gauge
131666	" " " with Oil Gauge complete, for filling oil reservoir, Nos. 131664 and 131665
131319	Arm Oil Cup Oil Pad (braided cotton) for 68350
11119	" " Tube with 52045, for oiling Thread (upper) Nipper
56003	Arm Oil Tube with 52045, for oiling Feed (upper) Bell Crank Connection Sleeve
52045 2	Arm Oil Tube Packing (wick)
131733	" Rock Shaft and Front Crank with 353AL
131734	" " " 131733 with 50391C, 131738 and two each 914J and 131685
1309 C	Arm Rock Shaft Adjusting Screw
131056	" " " " " Washer
68433	" " " Bushing (back)
68435	" " " " " Cap
131065	" " " " " Washer (fibre)
448 AL	" " " " " Set Screw

68436		Arm Rock Shaft Bushing (intermediate)
423 AL		" " " " " " Set Screw
131486		" " " Crank, back (ball bearing, solid) with two 50083AL
50083 AL 2		Arm Rock Shaft Crank, (back) Set Screw
131456		" " " Flanged Bushing (front)
453 AL		" " " " " " Set Screw
42365		" " " Oil Pad (braided cotton) for oiling Back Bearing
54969		Arm Rock Shaft Oil Pad (braided cotton) for oiling Intermediate Bearing
131487		Arm Rotary Shaft
		Note: When No. 131487 is required for repairs, the Looper Driving Shaft and Feed Lifting Eccentric must be returned to the factory to be adjusted to the new part.
131604		Arm Rotary Shaft 131487 with 640E, 131111, 131502, 131617 and 131931
131366	2	Arm Rotary Shaft Ball Bearing (back)
131478		" " " " " " Case
131479		" " " " " " " 131478 with 131369 and three 205C
131526		Arm Rotary Shaft Ball Bearing (back) Case with Ball Bearings complete, Nos. 131479, 131480 and two 131366
131369		Arm Rotary Shaft Ball Bearing (back) Case Cap
205 C	3	" " " " " " " " Screw
131370	3	" " " " " " " Position Stud
429 C		Arm Rotary Shaft Ball Bearing (back) Case Set Screw
131480		" " " " " " Spacing Collar
131366		" " " " " (intermediate)
131481		" " " " " Case
1304 C		" " " " " " " " Set Screw
131482		Arm Rotary Shaft Ball Bearing (intermediate) Collar with two 457AL
457 AL		Arm Rotary Shaft Ball Bearing (intermediate) Collar Set Screw

131457		Arm Rotary Shaft Bushing (front
761 E	" " " " "	Set Screw
42367	" " " "	Front Bearing Oil Pad, lower (braided cotton)
54218		Arm Rotary Shaft Front Bearing Oil Pad, upper (braided cotton)
144 D		Arm Rotary Shaft Screw
131276	"	Side Cover (oil vent)
131909	" " " "	Cap
131280	" " " "	Position Pin
1289 X	" " " "	Screw
131910	" " " "	Spring
131911		Arm Side Cover (oil vent) complete, Nos. 1289X, 131276, 131280, 131909 and 131910
68448		Arm Side Cover Gasket (cork)
1057 K 4	" " " "	Screw
131915		Balance Wheel, 2 5/8 in. pulley, with two 51283AL, for round belt
51283 AL 2		Balance Wheel Set Screw
131606		Cloth Plate with 54309
54309	" " "	Oil Tube with 49092
49092	" " " "	Packing (felt)
68368	" " "	Slide (left)
131050		Cloth Plate Slide (left) Spring
725 J 2	" " " " "	Screw
131051		Cloth Plate Slide (left) complete, Nos. 68368, 131050 and two 725J
131607		Cloth Plate Slide (right)
131381	" " " "	Spring
725 J 2	" " " " "	Screw
131608		Cloth Plate Slide (right) complete, Nos. 131381, 131607 and two 725J
131609		Cloth Plate complete, Nos. 131051, 131606 and 131608
1011 F 2		Cloth Plate Screw (left)
30398 F	" " " "	(right)
131610	" " "	Thread Guard

389 F		Cloth Plate Thread Guard Screw (lower)
50473 F		" " " " " (upper)
*131926		Crank Connecting Rod with two each 1057AL, 51715AL, 131927 and 131928
		Note: When No. 131926 is required for repairs, Connecting Rod and Arm Rock Shaft Crank (back) fitted together will be furnished. All Agency orders for this part must state the Machine Number for which it is re- quired in order to obtain correct Needle Bar Stroke.
131931		Crank Connecting Rod 131926 with 131486
131927	2	" " " Cap (lower) Screw Stud
51715 AL	2	" " " " " " " Nut
131928	2	" " " " " " " "
		Lock Washer
1057 AL	2	Crank Connecting Rod Cap (upper) Screw
131735		Face Plate
142 W	2	" " Screw
68354		Feed Dog, 17 teeth (16 teeth to the inch) for 3/32" to 5/32" gauges, for 52542.
131702		Feed Dog, 18 teeth (16 teeth to the inch) for 3/16" to 3/8" gauges, for 52783
50073 J		Feed Dog Screw
460 AL		" " Stop Screw
131941		" (lower) Bar
131730		Feed (lower) Bar Feed Dog Seat (adjustable)with 460AL
190 E		" " " " " " Screw
22436		" " " " " " Washer
131942		Feed (lower) Bar with Feed Dog Leveling Device complete, Nos. 190E, 22436, 68467, 131730, 131941 and two 207E
131197		Feed (lower) Bar Hinge Pin (eccentric)
59343		" " " " " Collar with 735AL
735 AL		" " " " " Set Screw
131943		" " " Slide Block
131944		" " " " " 131943 with 68495 and 134260
68495		Feed (lower) Bar Slide Block Oil Pad (wick)
134260		" " " " " Retainer
68467		" " " Wearing Plate

207 E 2	Feed (lower) Bar Wearing Plate Screw
131500	" " Connecting Rod with 1057AL, 68497, 134260 and two 896AL
131502	Feed (lower) Connecting Rod 131500 with 54025
896 AL 2	" " " " Cap Screw
1057 AL	" " " " Clamping Screw
68497	" " " " Oil Pad (wick)
134260	" " " " " " Retainer
*54024	" " Eccentric with 138306
*23729	" " " Body
51061 AL 2	" " " " Set Screw
7071 2	" " " Clamping Washer
217 J 2	" " " " " Screw
138306	" " " Lubricating Pad (wood)
54025	Feed (lower) Eccentric (adjustable) complete, Nos. 1103C, 23729, 54024 and two 217J, 7071 and 51061AL /each
1103 C	Feed (lower) Regulating Screw
131240	" " Rocking Frame with two 453AL
131945	" " " " 131240 with 59343, 131197 and 131942
57234	Feed (lower) Rocking Frame Hinge Pin
57235 2	" " " " " " Bushing
453 AL 2	" " " " " " Set Screw
453 AL 2	" " " " " " Set Screw
131614	Feed (upper) Bar
131692	" " " 131614 with 11940, 1749C, 9525, 52595, 54143 to 54145, 54150, 127946, 131615, and six 1423W
1423 W	Feed (upper) Bar Cap Screw
131615	" " " Connecting Bracket
54143	" " " Link (lower)
1423 W 2	" " " " " Cap Screw
54145	" " " " (upper)
1423 W 2	Feed (upper) Bar Connecting Link (upper) Cap Screw
54144	" " Bell Crank

1423 W		Feed (upper) Bell Crank Cap Screw
54150		" " " " Connecting Link
1423 W 2		" " " " " " Cap Screw
1194 C		" " " " " " Hinge Screw
1749 C		" " " " " " " "
		Nut
9525		Feed (upper) Bell Crank Connecting Link Hinge Screw Nut Washer
127946		Feed (upper) Bell Crank Connecting Stud with 50200C
50200 C		" " " " " " Set Screw
131500		" " Connecting Rod with 1057AL, 68497, 134260 and two 896AL
131617		Feed (upper) Connecting Rod 131500 with 54456
896 AL 2		" " " " Cap Screw
1057 AL		" " " " Clamping Screw
131618		" " " " Crank with two 140123AL
140123 AL 2		" " " " " Set Screw
131619		" " " " Hinge Stud
68497		" " " " Oil Pad (wick)
134260		" " " " " " Retainer
*54024		" " Eccentric with 139306
*54455		" " " " Body
51061 AL 2		" " " " Set Screw
7071 2		" " " " Clamping Washer
217 J 2		" " " " " Screw
138306		" " " " Lubricating Pad (wood)
54456		Feed (upper) Eccentric (adjustable) complete, Nos. 1103C, 54024, 54455 and two each 217J, 7071 and 51061AL
131736		Feed (upper) Lifting Regulator
131737		" " " " " Connection with 140123
140123 AL		" " " " " Clamping Screw
131622		Feed (upper) Lifting Regulator Connection Sleeve
131736		" " " " " " " " Slide Block

131695	2	Feed (upper) Lifting Regulator Connection Sleeve Slide Block Clamping Washer
914 J	2	Feed (upper) Lifting Regulator Connection Sleeve Slide Block Clamping Washer Screw
50391 C		Feed (upper) Lifting Regulator Connection Sleeve Slide Block Position Screw
1103 C		Feed (upper) Regulating Screw
54155		" " Rock Shaft
54369		" " " " Collar with two 465C
465 C	2	" " " " " Set Screw
54156		" " " " Crank (back) with two 50200C
50200 C	2	Feed (upper) Rock Shaft Crank (back) Set Screw
52595		" " " " " (front) with 1057AL
1057 AL		" " " " " Clamping Screw
131624		" " " " Pitman
131625		" " " " " Crank with two 50200C
50200 C	2	Feed (upper) Rock Shaft Pitman Crank Set Screw
131626		" " " " " " Shaft
131627		" " " " " " " Bracket
129 E	3	" " " " " " " " Screw
41 F	2	Feed (upper) Rock Shaft Pitman Hinge Screw
1520 J	2	" " " " " " " Nut
52596		Feeding Foot
203 J	2	" " Screw
57255		Lifting Presser Bar with 25303
25303		" " " Ball, size 1/4 in.
131629		Lifting Presser Bar Bushing (lower)
1133 E		" " " " " Set Screw
54162		" " " " (upper)
1133 E		" " " " " Set Screw
131630		" " " Lifting Bracket with 453AL
131631		" " " " " Guide
453 AL		" " " " " Set Screw
453 AL		" " " " " Set Screw
131632		" " " " Lever

161 J	2	Lifting Presser Bar Lifting Lever Extension Screw
802 D		" " " " " Hinge Screw
131749		" " " Spring
131750		" " " " (auxiliary)
131751		" " " " Screw Stud
1637 J		" " " " " Lock Nut
38468		" " " " Stud
131830		Lifting Presser Bar Spring complete, Nos. 1637J, 51697W and 131749 to 131752
131851		Lifting Presser Bar Spring (less auxiliary spring) complete, Nos. 1637J, 42290K, 51697W, 131749 and 131751
52535		Lifting Presser Foot
190 J		" " " Screw
131131		Looper (back) closed eye
		Note: When ordering No. 131131, state gauge of machine for which required.
452 C		Looper (back) Set Screw
131132		" (front) closed eye
		Note: When ordering No. 131132, state gauge of machine for which required.
1120 AL		Looper (front) Set Screw
54027		" Carrier with two 175E
175 E	2	" " Adjusting Screw
54227		" " Connection
54228		" " " Shaft
128419		" " " " Oil Pad (braided cotton)
68478		Looper Carrier Connection Shaft Sleeve (eccentric)
51263 D		" " " " " Cap Screw
68479		" " Driver with four 175E
175 E	4	" " " Cap Screw
131958		" Driving Shaft and Feed Lifting Eccentric with two 64315
*131111		Looper Driving Shaft and Feed Lifting Eccentric 131958 with 54027, 54227, 54228 and 68479
*68483		Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E
948 J		Looper Driving Shaft and Feed Lifting Eccentric

131959		Looper Driving Shaft and Feed Lifting Eccentric Bushing
131028		Looper Driving Shaft and Feed Lifting Eccentric Bushing Oil Plug
761 E		Looper Driving Shaft and Feed Lifting Eccentric Bushing Position Screw
68497		Looper Driving Shaft and Feed Lifting Eccentric Front Bearing Oil Pad (wick)
64315	2	Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug
640 E		Looper Driving Shaft and Feed Lifting Eccentric Screw
131052		Looper Holder with 452C and 1120AL
51119 J		" " Screw
68485		" Throw-out Handle with two 443AL
68486		" " " Plunger
43503		" " " " Spring
443 AL 2		" " " Set Screw
64319		Needle Bar (hollow)
131045		Needle Bar complete, Nos. 64319 and 131044
131291		Needle Bar Bushing (lower)
1133 E		" " " " Set Screw
68187		" " " (upper)
1133 E		" " " " Set Screw
68488		" " Connecting Link and Thread (upper) Controller
131399		Needle Bar Connecting Link and Thread (upper) Controller 68488 with 68489 and 131400
68489		Needle Bar Connecting Link Hinge Stud (hollow)
1520 J		" " " " " " Nut
131270		" " " " " " Oil Pad (wick)
861 F		" " " " " " Plug Screw
953 AL		" " " " " " Set Screw
131400		" " " Stud with 211F and 1492E
1492 E		" " " " Clamping Screw
131044		" Clamp with two 1498F
54063		" Guard (stationary)
54038		" " " Holder

217 C		Needle Guard (stationary) Screw
1498 F 2		" Set Screw
131636		Oil Pipe (back of arm) with 49191 and 68497, for oiling Feed (lower) Rocking Frame Hinge Pin Front Bearing
68493		Oil Pipe (back of arm) Clamp
176 E		" " " " " " Screw
68494		" " " " " Connection with 49189, 68495 and two 198E, for oiling Feed (lower) Rocking Frame Hinge Pin Back Bearing
68494		Oil Pipe (back of arm) Connection with 49189, 68495 and two 198E, for oiling Feed (upper) Rock Shaft Pitman Crank Shaft
*49189	2	Oil Pipe (back of arm) Connection Cap
198 E	4	" " " " " " " Screw
68495	2	" " " " " " Oil Pad (wick)
68496		" " " " " Coupling
1733		Oil Pipe (back of arm) Coupling Nut (brass)
68497		" " " " " Oil Pad (wick)
*49191		" " " " " Sleeve
131637		" " (front of arm) with 131089 and two each 1733 and 49191, for oiling Loper Driving Shaft and Feed Lifting Eccentric Front Bearing
131112		Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Bar Slide Block
68500		Oil Pipe (front of arm) with 1733, 49191, 131084, 131089, for oiling Arm Rotary Shaft Front Bearing
131113		Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Connecting Rod
131113		Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed (upper) Connecting Rod
131638		Oil Pipe (front of arm) complete, Nos. 68500, 131112, 131637 and two 131113
131002		Oil Pipe (front of arm) Connection with 131049 and two 198E, for oiling Loper Throw-out Device
131003	3	Oil Pipe (front of arm) Connection with 49189 and two 198E, for 131112 and 131113
131084		Oil Pipe (front of arm) Connection with 131085 and two 198E, for 68500
*49189	3	Oil Pipe (front of arm) Connection Cap for 131003

*131049		Oil Pipe (front of arm) Connection Cap for 131002
*131095		" " " " " " " " 131084
198 E 10		" " " " " " " " Screw
131004		" " " " " " Coupling (center)
131004		" " " " " " " (left)
*131086		" " " " " " " (right)
131087		" " " " " " " " 131086 with 131088
*131088		Oil Pipe (front of arm) Coupling (right) Oil Lead
1733	3	" " " " " " " Nut (brass)
131089	2	" " " " " " Oil Pad (wick) for 68498 and 68500
68497	3	Oil Pipe (front of arm) Oil Pad (wick) for 131112 and 131113
*49191	3	Oil Pipe (front of arm) Sleeve
51697 W		Pressure Regulating Thumb Screw
131752		" " " " " Washer for 131850
42290 K		" " " " " " " 131851
131025		Slack Thread Controller
54242		" " " " " Clamp
190 J		" " " " " " Screw
139390		" " " " " Regulator
131404		" " " " " Holder
131405		" " " " " " Crank with 171AL
1423 J		" " " " " " " Cap Screw
171 AL		" " " " " " " Clamping Screw
131639		Slack Thread Regulator Holder Crank Connecting Link
217 J		" " " " " " Screw
131012		Tension (under thread) Bracket
691 F 2		" " " " " " " Screw
2102	4	" " " " " " Disc
51570 C 2		" " " " " " " Regulating Thumb Nut
50326 C 2		" " " " " " " Screw Stud
50536	2	" " " " " " " " 503260 with 515700
131740	2	" " " " " " " Spring

59537	2	Tension (under thread)	Spring Bushing (large)
59538	2	" " "	" " (small)
131696	2	Tension (under thread)	Thread Guide
54070		" (upper thread)	Bracket
376 J		" " "	" " Screw
2102	4	" " "	Disc
51570 C	2	" " "	Regulating Thumb Nut
32572	2	" " "	Releasing Disc
54988	2	Tension (upper thread)	Releasing Pin
54071		" " "	" " Shaft
54047		" " "	" " Crank with 624AL
54048		" " "	" " Link
624 AL		" " "	" " Set Screw
68261		" " "	" " Spring
131011		" " "	" " Position Plate
316 C		Tension (upper thread)	Releasing Shaft Stop Screw
1547 J		" " "	" " " "
			Nut
50326 C	2	Tension (upper thread)	Screw Stud
59539	2	" " "	" " 50326C with 51570C
131741	2	" " "	Spring
59537	2	" " "	" Bushing (large)
59538	2	" " "	" " (small)
131696	2	" " "	Thread Guide (double)
53225		Thread (under)	Eyelet (back)
190 J		" " "	" " Screw
131407		" " "	Take-up with 1258AL
131408		" " "	Oil Guard
50438 J		" " "	" " Screw
1258 AL		" " "	Set Screw
131824		" " "	Stripper
54242		" " "	" " Clamp
190 J		" " "	" " Screw
131825		" " "	" " Plate

131411				Thread (under) Take-up Stripper Plate Bracket
131934				" " " " " " 131411 with 32062, 50439J, 54242, 131408, 131413 to 131415, 131824, 131825, two each 207J, 7071, 50470J and four 190J
	965 D			Thread (under) Take-up Stripper Plate Bracket Screw
	190 J	3	" " " " " "	Screw
	32062		" " " " " "	Washer
	131413		" " " " " "	Thread Guard (fibre)
	50470 J	2	" " " " " "	Screw
	131414		" " " " " "	Guide (left)
	207 J		" " " " " "	Screw
	7071		" " " " " "	" Washer
	131415			Thread (under) Take-up Thread Guide (right)
	207 J		" " " " " "	Screw
	7071		" " " " " "	" Washer
	68129			Thread (upper) Nipper Body
	1149 AL		" " " " " "	Set Screw
	68130		" " " " " "	Disc (inside)
	68131		" " " " " "	Washer (fibre)
	68132		" " " " " "	(outside)
	1698 R		" " " " " "	Nut
	59456		" " " " " "	Washer
	68133		" " " " " "	Roller
	68134		" " " " " "	Hinge Pin
	68135		" " " " " "	Stud
	68136		" " " " " "	68135 with 68133 and 68134
	13218		" " " " " "	Spring
	68137			Thread (upper) Nipper complete, Nos. 1698R, 13218, 59456, 68129 to 68132 and 68136
	68138			Thread (upper) Nipper Thread Guide
	207 J		" " " " " "	Screw
	131334		" " " " " "	Take-up
	54095		" " " " " "	Plate

68164		Thread (upper) Take-up Plate Spring
1449 J		" " " " " Screw
131335		Thread (upper) Take-up complete, Nos. 1449J, 54095, 68164 and 131334
211 F		Thread (upper) Take-up Set Screw
52542		Throat Plate, for 3/32 in. to 5/32 in. gauges, for 68354, for plain stitching
52783		Throat Plate for 3/16 in. to 3/8 in. gauges, for 131702
742 F	2	Throat Plate Screw
*15404		Trade Mark
15405	2	" " Rivet

Fittings for Lap Seam Felling
for 5/32" to 11/32" gauges

131321		Feed Dog
131470		Feeding Foot
62527		Presser Foot Pin
54418		" " Plate
54419		" " Shank
54420		Presser Foot complete, Nos. 54418, 54419 and 62527
131527		Throat Plate
		Fittings for Plain Stitching 3/16 in. to 3/8 in. gauge
131661		Feed Dog
52596		Feeding Foot
52535		Presser Foot
52783		Throat Plate