PARTS LIST

FOR

SINGER

MACHINES

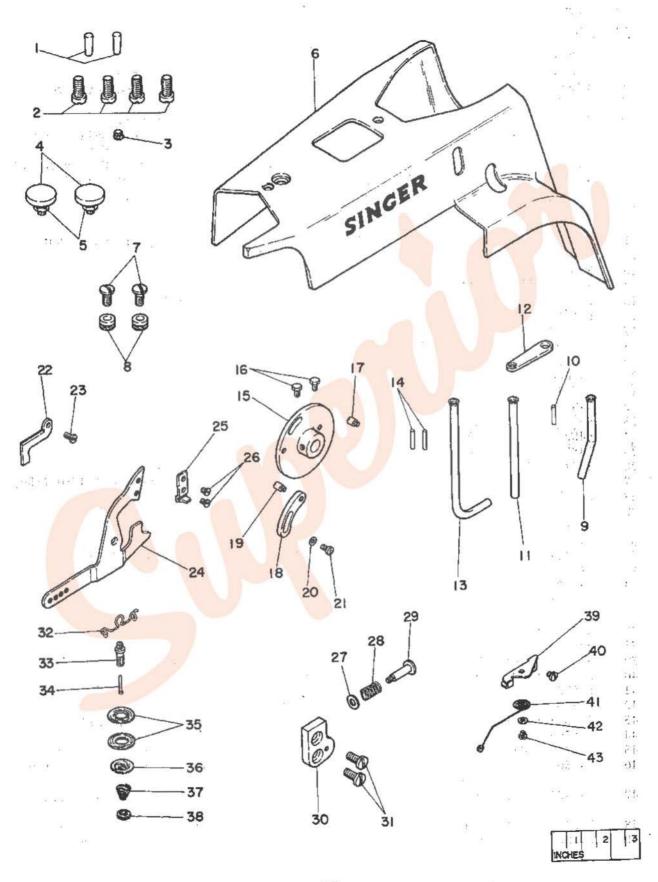
299U123, 299U210 and 299U230

NOTE: 1. * Parts used only on 2990130 machine.

- ** Parts not used on 299Ul23 machine.
- 2. With the exception of the Needle Thread Trimmer Mechanism, the 299U110 and 299U130 are the same as the 299U210 and 299U230 machines.
- When a Top Cord Laying Mechanism is fitted on the 299U210 and 299U230 machines, the variety number will be 299UX211 and 299UX231.

ARM COVER, LOWER CORD SLACKING LEVER, MISCELLANEOUS PARTS

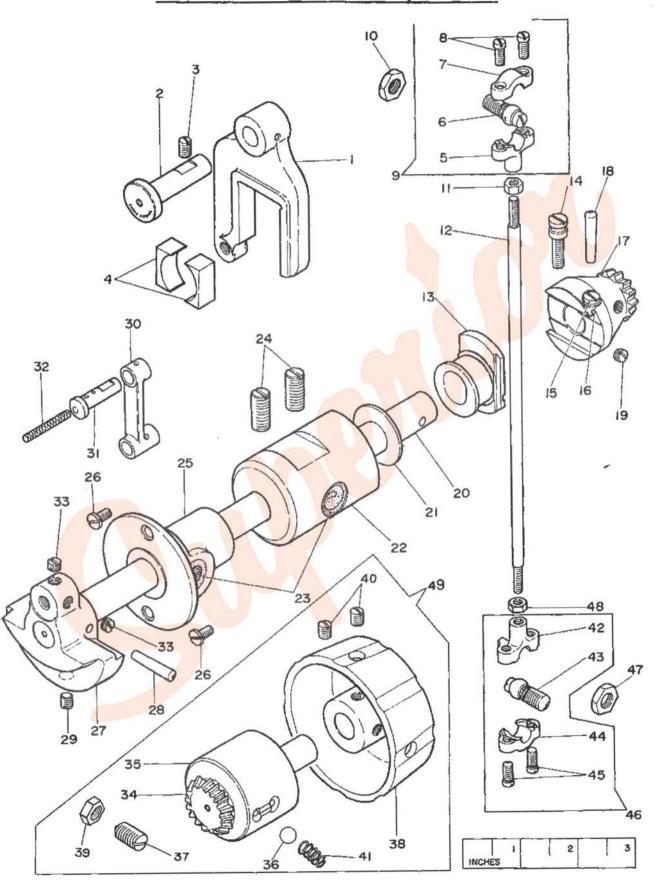
Ref.	Part		
No.	No.		Description
	• —		
1	548005		Arm Position Pin (2)
2	545223	(830)	Arm Screw (4)
3	549006	(803)	Looper Frame Oil Plug Screw
4	548909	A CONTRACTOR OF STREET	Arm Cover Spacer (adjustable) (2)
5	545409	(819)	Arm Cover Spacer (adjustable) Lock Nut (2)
6	548908	G I TANODOEN	Arm Cover with Number Plate, 20867-900, two each 545222
			(805), 548003 and four 549131 (811)
7	545222	(805)	Arm Cover Screw (2)
8	548003		Arm Cover Spacer (rubber) (2)
9	548040		Bed Shaft Bushing (back) Oil Tube
10	548041		Bed Shaft Bushing (back) Oil Tube Pin
11	548043		Bed Shaft Bushing (front) Oil Tube
12	548044		Bed Shaft Bushing (front) Oil Tube Bracket
13	548426		Rapid Feed Crank Shaft Bushing (back) Oil Tube
14	548041		Rapid Feed Crank Shaft Bushing (back) Oil Tube Pin (2)
15	*548282	* 7 479, V	Lower Cord Slacking Disc with 545311 (803) and two 545304
			(803)
16	*545304		Lower Cord Slacking Disc Set Screw (2)
17	*545311	(803)	Lower Cord Slacking Lever Operating Screw Stud (long)
18	*548287		Lower Cord Slacking Lever Operating Screw Stud (short)
10	+5.45000	(007)	Adjusting Plate
19	*545280	(803)	Lower Cord Slacking Lever Operating Screw Stud (short)
20	*548167		Lower Cord Slacking Lever Operating Screw Stud (short)
21	*504067	(025)	Adjusting Plate Screw Washer
21	*504063	(023)	Lower Cord Slacking Lever Operating Screw Stud (short)
22	*548290		Adjusting Plate Screw Lower Cord Tension Releasing Plate
23	*504084	(810)	Lower Cord Tension Releasing Plate Screw
24	*548283	(010)	Lower Cord Slacking Lever
25	*548285		Lower Cord Slacking Lever Extension
26	*545309	(805)	Lower Cord Slacking Lever Extension Screw (2)
27	*548154	()	Lower Cord Slacking Lever Friction Spring Washer
28	*548286		Lower Cord Slacking Lever Friction Spring
29	*545310	(805)	Lower Cord Slacking Lever Hinge Screw
30	*548284		Lower Cord Slacking Lever Bracket
31	*504098		Lower Cord Slacking Lever Bracket Screw (2)
32	*548288		Lower Cord Tension Cord Guide
33	*548828		Lower Cord Tension Stud
34	*548291		Lower Cord Tension Releasing Plunger
35	*2102		Lower Cord Tension Disc (2)
36	*548292		Lower Cord Tension Releasing Washer
37	*548293		Lower Cord Tension Spring
38	*545496		Lower Cord Tension Stud Thumb Nut
39	**548281		Lower Cord Controlling Spring Bracket
40	**545307		Lower Cord Controlling Spring Bracket Screw
	**548280		Lower Cord Controlling Spring
	**548167		Lower Cord Controlling Spring Screw Washer
43	**545308	(805)	Lower Cord Controlling Spring Screw



ARM SHAFT, FEED DRIVING AUXILIARY ECCENTRIC FEED DRIVING AUXILIARY CONNECTION, HAND WHEEL

Ref.	Part		· ·
No.	No.		Description
1	548165		Feed Driving Auxiliary Eccentric Lever
2	548166		Feed Driving Auxiliary Eccentric Lever Hinge Stud
3	545313	(803)	Feed Driving Auxiliary Eccentric Lever Hinge Stud Set Screw
4	548168	(444)	Feed Driving Auxiliary Eccentric Slide Block (2)
5	548364		Feed Driving Auxiliary Connection Bearing (upper)
6	545274	(803)	Feed Driving Auxiliary Connection Bearing (upper) Ball Screw
7	548367	(000)	Feed Driving Auxiliary Connection Bearing (upper) Cap
8	545325	(803)	Feed Driving Auxiliary Connection Bearing (upper) Cap Screw (2)
9	548834	(0.0)	Feed Driving Auxiliary Connection Bearing (upper) 548364
176	010001		with 545274 (803), 548367 and two 545325 (803)
10	545424	(805)	Feed Driving Auxiliary Connection Rearing (upper) Ball
1760		(/	Screw Nut
11	545426	(803)	Feed Driving Auxiliary Connection Bearing (upper) Check Nut
12	548161	V	Feed Driving Auxiliary Connection
13	548164		Feed Driving Auxiliary Eccentric
14	545275	(803)	Feed Driving Auxiliary Eccentric Adjusting Screw
15	545314		Feed Driving Auxiliary Eccentric Lock Screw
16	548167		Feed Driving Auxiliary Eccentric Lock Screw Washer
17	548007		Arm Shaft Bevel Gear with 504056 (830)
18	548008		Arm Shaft Bevel Gear Position Pin
19	504056	(830)	Arm Shaft Bevel Gear Set Screw
20	548006	\$17.79	Arm Shaft
21	548012		Arm Shaft Bushing Washer (back)
22	548974		Arm Shaft Bushing (back) with 548011
23	548011		Arm Shaft Bushing Oil Packing (wick) (2)
24	545224	(803)	Arm Shaft Bushing (back) Set Screw (2)
25	548010		Arm Shaft Bushing (front) with 548011
26	545137	(809)	Arm Shaft Bushing (front) Screw (2)
27	548308		Needlc Driving Bar Crank with 504020 (851) and two 154780 (850)
- 28	548008		Needle Driving Bar Crank Position Pin
29	504020	(851)	Needle Driving Bar Crank Set Screw
30	548309		Needle Driving Bar Link
31	548310		Needle Driving Bar Link Hinge Stud with 548311
32	548311	W	Needle Driving Bar Link Hinge Stud Oil Packing (wick)
33	154780	(850)	Needle Driving Bar Link Hinge Stud Set Screw (2)
34	548930		Hand Wheel Shaft
35	548931		Hand Wheel Shaft Bushing
36	548932	(007)	Hand Wheel Shaft Bushing Retaining Ball
37 38	545286	(803)	Hand Wheel Shaft Bushing Retaining Screw
39	548929 545476	(007)	Hand Wheel with two 504029 (833)
40	504029		Hand Wheel Shaft Bushing Retaining Screw Lock Nut
41	548933	(033)	Hand Wheel Set Screw (2)
42	548361		Hand Wheel Shaft Bushing Retaining Spring Feed Driving Auxiliary Connection Bearing (lower)
43	545323		Feed Driving Auxiliary Connection Bearing (lower) Feed Driving Auxiliary Connection Bearing (lower) Ball Screw
44	548363		Feed Driving Auxiliary Connection Bearing (lower) Ball Screw
45	545325		Feed Driving Auxiliary Connection Bearing (lower) Cap Screw (2)
46	548362	(005)	Feed Driving Auxiliary Connection Bearing (lower) tap Screw (2)
17. TO			545323 (803), 548363 and two 545325 (803)
47	545424	(805)	Feed Driving Auxiliary Connection Bearing (lower) Ball Screw
27.4%	1	(000)	Nut
48	545425	(803)	Feed Driving Auxiliary Connection Bearing (lower) Check Nut
49	548934		Hand Wheel complete, Nos. 545286 (803), 545476 (803) and
			548929 to 548933

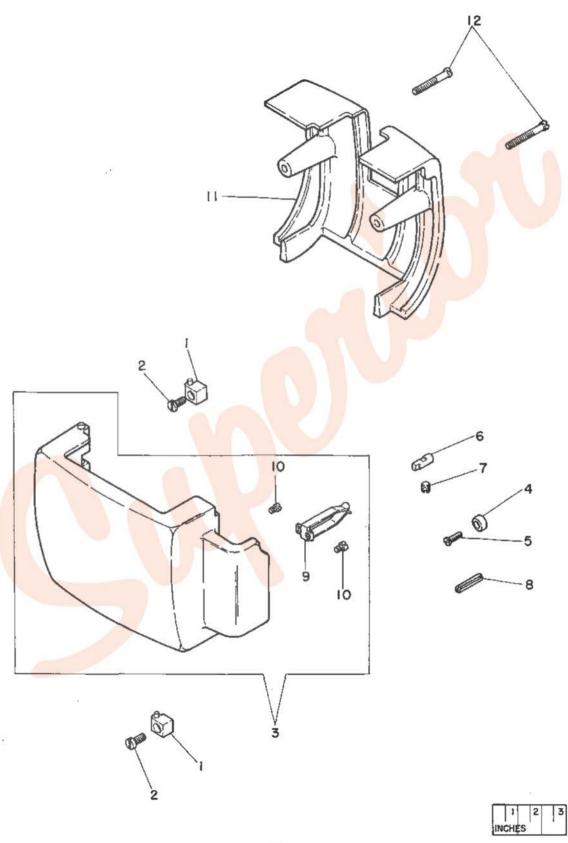
ARM SHAFT, FEED DRIVING AUXILIARY ECCENTRIC FEED DRIVING AUXILIARY CONNECTION, HAND WHEEL



BED COVER (BACK), BED COVER (FRONT)

Ref.	Part No.		35		Description
1	548913		Bed	Cover	(front) Hinge (2)
1 2	504071	(833)			(front) Hinge Screw (2)
3	548912				(front) with 548914 and two 545295 (805)
4	546017				(front) Cushion
5	549190	(819)	Bed	Cover	(front) Cushion Screw
5 6 7 8 9	548023				(front) Locating Pin
7	504134	(850)	Bed	Cover	(front) Locating Pin Screw
8	548027	11. 3 . 11. 11. 11. 11. 11. 11. 11. 11. 11. 1	Bed	Cover	(front) Locking Pin
9	548914		Bed	Cover	(front) Locking Spring
10	545295	(805)	Bed	Cover	(front) Locking Spring Screw (2)
11	548911		Bed	Cover	(back)
12	545226	(805)	Bed	Cover	(back) Screw (2)

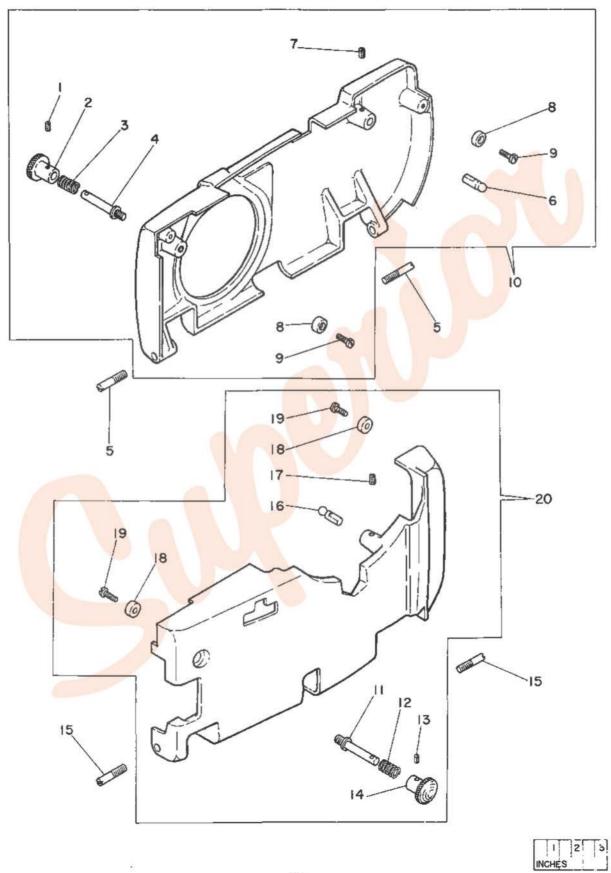
BED COVER (BACK), BED COVER (FRONT)



BED COVER (LEFT), BED COVER (RIGHT)

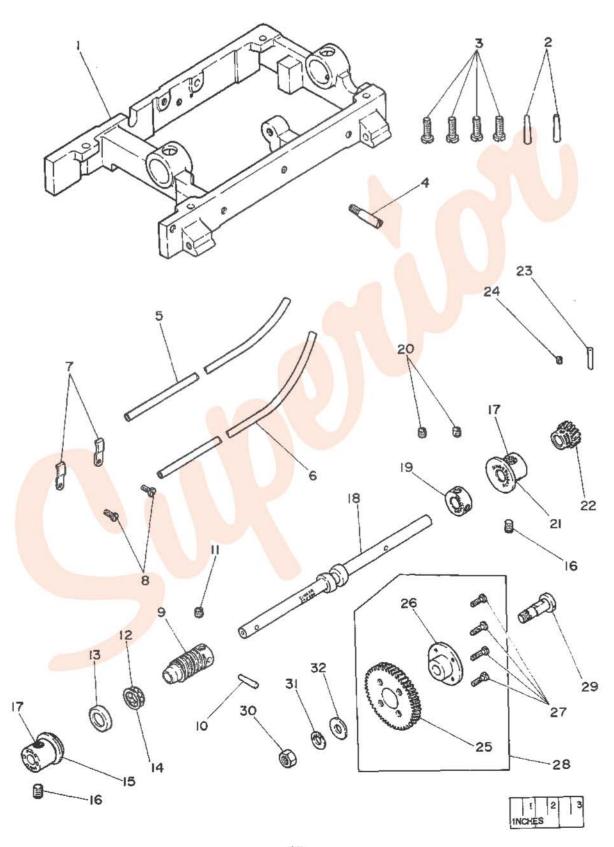
Ref.	Part	
No.	No.	Description
1	549247 (833)	Bed Cover (left) Locating Locking Screw Stud Knob Set Screw
2	548916	Bed Cover (left) Locating Locking Screw Stud Knob
3	548917	Bed Cover (left) Locating Locking Screw Stud Spring
4	549246 (819)	Bed Cover (left) Locating Locking Screw Stud
5	549245 (803)	Bed Cover (left) Hinge Screw Stud (2)
6	548032	Bed Cover (left) Rear Locating Pin
4 5 6 7 8	545232 (830)	Bed Cover (left) Rear Locating Pin Screw
8	546017	Bed Cover (left) Cushion (2)
9	549190 (819)	Bed Cover (left) Cushion Screw (2)
10	548915	Bed Cover (left) with 545232 (830), 548032, 548916, 548917,
		549246 (819), 549247 (833), two each 546017 and 549190
		(819)
11	549246 (819)	Bed Cover (right) Locating Locking Screw Stud
12	548917	Bed Cover (right) Locating Locking Screw Stud Spring
13	549247 (833)	Bed Cover (right) Locating Locking Screw Stud Knob Set Screw
14	548916	Bed Cover (right) Locating Locking Screw Stud Knob
15	549245 (803)	Bed Cover (right) Hinge Screw Stud (2)
16	548032	Bed Cover (right) Rear Locating Pin
17	545232 (830)	Bed Cover (right) Rear Locating Pin Screw
18	546017	Bed Cover (right) Cushion (2)
19	549190 (819)	Bed Cover (right) Cushion Screw (2)
20	548918	Bed Cover (right) with 545232 (830), 548032, 548916, 548917
		549246 (819), 549247 (833), two each 546017 and 549190
		(819)

BED COVER (LEFT), BED COVER (RIGHT)



BED EXTENSION, RAPID FEED CRANK SHAFT, RAPID FEED INTERMEDIATE GEAR

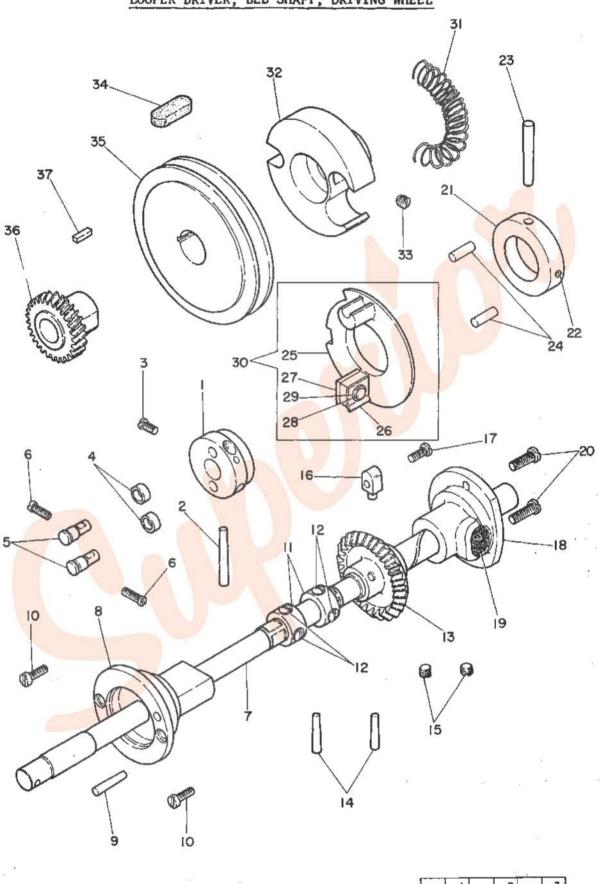
Ref.	Part	
No.	No.	Description
	0€	Control of
1	548919	Bed Extension
2	548035	Bed Extension Position Pin (2)
3	545139 (819)	Bed Extension Screw (4)
4	549155 (819)	Starting Rod Stop Screw
5	548278	Lower Cord Tube (brass)
2 3 4 5 6 7	548278	Looper Thread Tube (brass)
7	548279	Looper Thread Tube Bracket (2)
8	504063 (825)	Looper Thread Tube Bracket Screw (2)
9	548482	Rapid Feed Worm with 504056 (830)
10	548038	Rapid Feed Worm Position Pin
11	504056 (830)	Rapid Feed Worm Set Screw
12	548483	Rapid Feed Worm Ball (8)
13	548484	Rapid Feed Worm Ball Bearing Cup
14	548485	Rapid Feed Worm Ball Retainer with eight 548483
15	548427	Rapid Feed Crank Shaft Bushing (front)
16	545336 (803)	Rapid Feed Crank Shaft Bushing Set Screw (2)
17	548011	Rapid Feed Crank Shaft Oil Packing (wick) (2)
18	548424	Rapid Feed Crank Shaft
19	548428	Rapid Feed Crank Shaft Collar with two 504056 (830)
20	504056 (830)	Rapid Feed Crank Shaft Collar Set Screw (2)
21	548425	Rapid Feed Crank Shaft Bushing (back)
22	548429	Rapid Feed Crank Shaft Gear with 504020 (851)
23	548038	Rapid Feed Crank Shaft Gear Position Pin
24	504020 (851)	Rapid Feed Crank Shaft Gear Set Screw
25	548432	Rapid Feed Intermediate Gear
26	548651	Rapid Feed Intermediate Gear Hub
27	549009 (819)	Rapid Feed Intermediate Gear Screw (4)
28	548657	Rapid Feed Intermediate Gear 548432 with 548651 and four
100000		549009 (819)
29	545337 (803)	Rapid Feed Intermediate Gear Screw Stud
30	545440 (805)	Rapid Feed Intermediate Gear Screw Stud Nut
31	548433	Rapid Feed Intermediate Gear Screw Stud Nut Washer
32	548434	Rapid Feed Intermediate Gear Screw Stud Washer



LOOPER DRIVER, BED SHAFT, DRIVING WHEEL

Ref.	Part	
No.		Description
1	548243	Looper Driver with 545295 (805) and two 545298 (803)
2	548244	Looper Driver Position Pin
3	545295 (805)	Looper Driver Set Screw
4	548252	Looper Driving Roller (2)
5	548253	Looper Driving Roller Stud (2)
6	545298 (803)	Looper Driving Roller Stud Set Screw (2)
7	548036	Bed Shaft
8	548042	Bed Shaft Bushing (front)
9	548038	Bed Shaft Bushing (front) Position Pin
10	545137 (809)	Bed Shaft Bushing (front) Screw (2)
11	548046	Bed Shaft Collar with two 504102 (833) (2)
12	504102 (833)	Bed Shaft Collar Set Screw (4)
13	548037	Bed Shaft Bevel Gear with two 504056 (830)
14	548038	Bed Shaft Bevel Gear Position Pin (2)
15	504056 (830)	Bed Shaft Bevel Gear Set Screw (2)
16	548271	Looper Thread Tension Restoring Cam Block
17	545340 (806)	Looper Thread Tension Restoring Cam Block Screw
18	548039	Bed Shaft Bushing (back) with 548011
19	548011	Bed Shaft Bushing (back) Oil Packing (wick)
20	545233 (805)	Bed Shaft Bushing (back) Screw (2)
21	548136	Driving Wheel Stop Cam Position Collar with 504095 (850)
22	504095 (850)	Driving Wheel Stop Cam Position Collar Set Screw
23	548064	Driving Wheel Position Pin
24	548130	Driving Wheel Clutch Stud (2)
25	548134	Driving Wheel Stop Cam
	548131	Driving Wheel Clutch Stud Retainer (back)
27	548132	Driving Wheel Clutch Stud Retainer (front)
28	545259 (805)	Driving Wheel Clutch Stud Retainer Screw
29	548133	Driving Wheel Clutch Stud Retainer Screw Washer
30	548884	Driving Wheel Stop Cam 548134 with 545259 (805), 548131,
~ 1	E 4 0 4 8 B	548132 and 548133
31	548137	Driving Wheel Stop Cam Spring
32	548129	Driving Wheel with 549020 (830)
33	549020 (830)	Driving Wheel Set Screw
34	548135	Driving Wheel Stop Cam Oil Pad (felt)
35	548128	Driving Wheel (loose)
36	**548430	Rapid Feed Driving Gear
37	548431	Rapid Feed Driving Gear Key

LOOPER DRIVER, BED SHAFT, DRIVING WHEEL

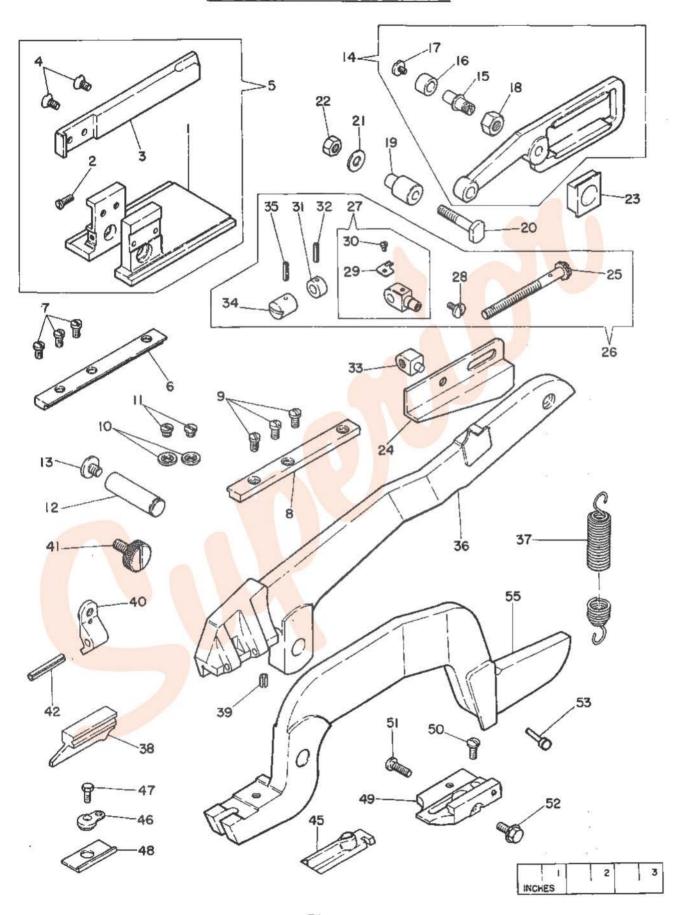


INCHES

CUTTING LEVER, CUTTING CARRIER LEVER

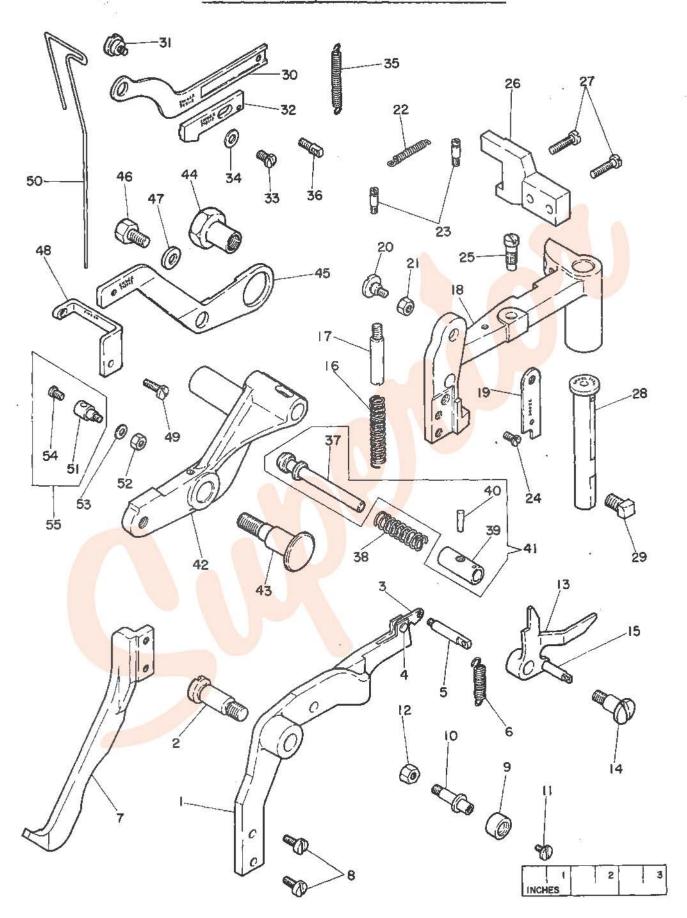
```
Ref. Part
No. No.
                                     Description
 1
      548075
                     Buttonhole Cutting Lever Bracket with 545250 (803)
 2
      545250 (803)
                     Buttonhole Cutting Lever Hinge Stud Set Screw
 3
      548076
                     Buttonhole Cutting Lever Bracket Arm
      504115 (805)
 4
                     Buttonhole Cutting Lever Bracket Arm Screw (2)
 5
      548883
                     Buttonhole Cutting Lever Arm 548076 with 548075 and two 504115 (805)
 6
      548077
                     Buttonhole Cutting Lever Bracket Gib (left)
 7
      545249 (805)
                     Buttonhole Cutting Lever Bracket Gib (left) Screw (3)
                     Buttonhole Cutting Lever Bracket Gib (right)
 8
      548078
 9
      545138 (809)
                     Buttonhole Cutting Lever Bracket Gib (right) Screw (3)
10
      548079
                     Buttonhole Cutting Lever Bracket Gib Adjusting Washer (2)
11
      545248 (805)
                     Buttonhole Cutting Lever Bracket Gib Adjusting Washer Screw (2)
12
      548080
                     Buttonhole Cutting Lever Hinge Stud
13
      545347 (803)
                     Buttonhole Cutting Lever Hinge Stud Screw
14
     548053
                     Buttonhole Cutting Carrier Lever with 545239 (804), 545418 (805).
                       548056 and 548713
15
      548713
                     Buttonhole Cutting Carrier Lever Roller Screw Stud
16
      548056
                     Buttonhole Cutting Carrier Lever Roller
17
      545239 (804)
                     Buttonhole Cutting Carrier Lever Roller Cap Screw
18
      545418 (805)
                     Buttonhole Cutting Carrier Lever Roller Screw Stud Nut
19
      548055
                     Buttonhole Cutting Carrier Lever Adjusting Screw Stud Sleeve
20
      545238 (803)
                     Buttonhole Cutting Carrier Lever Adjusting Screw Stud
21
      548054
                     Buttonhole Cutting Carrier Lever Adjusting Screw Stud Nut Washer
22
      545417 (805)
                     Buttonhole Cutting Carrier Lever Adjusting Screw Stud Nut
23
     548057
                     Buttonhole Cutting Carrier Lever Slide Block
24
     548082
                     Buttonhole Cutting Pressure Wedge with 548087
25
      545251 (805)
                     Buttonhole Cutting Pressure Wedge Adjusting Screw
26
     548993
                     Buttonhole Cutting Pressure Wedge Adjusting Screw 545251 with
                       545252, 545419, 548083, 548088 and two 548880
27
     548088
                     Buttonhole Cutting Pressure Wedge Post with 545235 (803) and 548085
28
     545252 (803)
                     Buttonhole Cutting Pressure Wedge Post Screw
29
     548085
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Lock Spring
30
     545235 (803)
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Lock Spring Screw
31
     548083
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Collar
32
     548880
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Collar Position
33
     548087
                     Buttonhole Cutting Pressure Wedge Boss
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Nut
34
     545419 (805)
                     Buttonhole Cutting Pressure Wedge Adjusting Screw Nut Pin
35
     548880
36
     548073
                     Buttonhole Cutting Lever (upper)
37
     548081
                     Buttonhole Cutting Lever Spring
   **548766
38
                     Buttonhole Cutting Block (eye) (hole length 1")
39
     548492
                     Buttonhole Cutting Block Stop Pin
40
                     Buttonhole Cutting Block Clamp
     548049
41
     545234 (850)
                     Buttonhole Cutting Block Clamp Screw
42
     548050
                     Buttonhole Cutting Block Clamp Hinge Pin
45 ** 548886
                     Buttonhole Cutting Knife (.120 x .180 eye)
46
      548069
                     Buttonhole Cutting Knife Clamping Lever
47
      545247 (803)
                     Buttonhole Cutting Knife Clamping Lever Hinge Screw
48
      548070
                     Buttonhole Cutting Knife Clamping Plate
49
      544512
                     Buttonhole Cutting Knife Base Plate
50
     545246 (803)
                     Buttonhole Cutting Knife Base Plate Screw
51
     545244 (805)
                     Buttonhole Cutting Knife Base Plate Adjusting Screw (left)
52
     545245 (803)
                     Buttonhole Cutting Knife Base Plate Adjusting Screw (right)
53
     544514
                     Buttonhole Cutting Knife Position Pin
55
     548071
                     Buttonhole Cutting Lever (lower)
```

CUTTING LEVER, CUTTING CARRIER LEVER



CUTTING SAFETY LEVER, CUTTING STARTING LEVER CLOSING LEVER, NEEDLE THREAD PULL-OFF

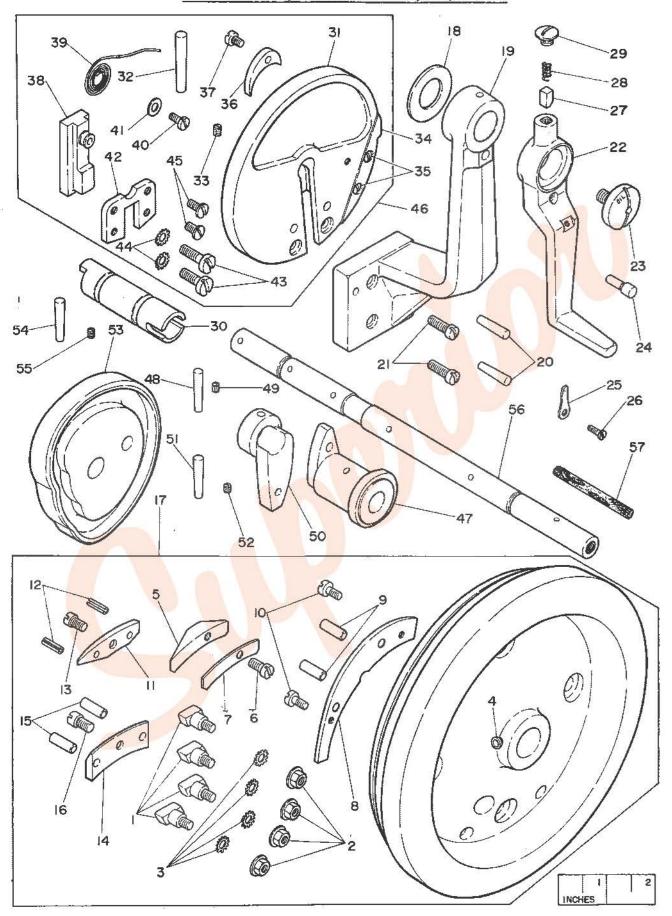
```
Ref. Part
No.
                                     Description
     No.
                     Buttonhole Cutting Safety Lever
 2
      545256 (803)
                     Buttonhole Cutting Safety Lever Hinge Screw
                     Buttonhole Cutting Safety Lever Latch
 3
      548096
                     Buttonhole Cutting Safety Lever Latch Hinge Stud
     *545255 (805)
                     Buttonhole Cutting Safety Lever Latch Spring Stud
                     Buttonhole Cutting Safety Latch Spring
      548091
 7
      548095
                     Buttonhole Cutting Safety Lever Extension
 8
      504084 (810)
                     Buttonhole Cutting Safety Lever Extension Screw (2)
 9
     *548126
                     Buttonhole Cutting Starting Unlocking Lever Roller
     *549019 (803)
10
                     Buttonhole Cutting Starting Unlocking Lever Roller Stud
     *545379 (805)
11
                     Buttonhole Cutting Starting Unlocking Lever Roller Stud Screw
     *545422 (805)
12
                     Buttonhole Cutting Starting Unlocking Lever Roller Stud Screw Nut
13
     *548090
                     Buttonhole Cutting Safety Latch
14
     *545254 (803)
                     Buttonhole Cutting Safety Latch Hinge Screw
15
     *545255 (805)
                     Buttonhole Cutting Safety Latch Spring Stud
16
     548117
                     Buttonhole Cutting Starting Lever Spring
17
     545144 (819)
                     Buttonhole Cutting Starting Lever Spring Screw Stud
18
     548112
                     Buttonhole Cutting Starting Lever
      548115
19
                     Buttonhole Cutting Starting Lever Latch
20
      545260 (806)
                     Buttonhole Cutting Starting Lever Latch Hinge Screw
21
      545421 (805)
                     Buttonhole Cutting Starting Lever Latch Hinge Screw Nut
22
      548116
                     Buttonhole Cutting Starting Lever Latch Spring
23
      545261 (803)
                     Buttonhole Cutting Starting Lever Latch Spring Screw Stud (2)
24
      545263 (850)
                     Buttonhole Cutting Starting Lever Latch Stop Screw
25
      545262 (803)
                     Buttonhole Cutting Starting Lever Restoring Screw Stud
26
      548113
                     Buttonhole Cutting Starting Lever Arm
27
      545259 (805)
                     Buttonhole Cutting Starting Lever Arm Screw (2)
28
      548114
                     Buttonhole Cutting Starting Lever Hinge Stud
29
      545143 (809)
                     Buttonhole Cutting Starting Lever Hinge Stud Set Screw
     *548118
                     Buttonhole Cutting Starting Lever Trip
30
     *545356 (803)
31
                     Buttonhole Cutting Starting Lever Trip Hinge Screw
                     Buttonhole Cutting Starting Lever Trip Adjusting Point
32
     *548119
     *545246 (803)
                     Buttonhole Cutting Starting Lever Trip Adjusting Point Screw
33
     *548061
                     Buttonhole Cutting Starting Lever Trip Adjusting Point Screw Washer
34
     *548639
35
                     Buttonhole Cutting Starting Lever Trip Spring
     *545264 (804)
                     Buttonhole Cutting Starting Lever Trip Spring Eyelet
36
     548616
37
                     Work Clamp Closing Lever Engaging Stud
                     Work Clamp Closing Lever Engaging Stud Spring
38
      548970
39
                     Work Clamp Closing Lever Engaging Stud Sleeve
      548620
40
      548084
                     Work Clamp Closing Lever Engaging Stud Sleeve Pin
41
      548975
                     Work Clamp Closing Lever Engaging Stud 548616 with 548084 and
                       548620
     *548605
42
                     Work Clamp Closing Lever
43
      545387 (803)
                     Work Clamp Closing Lever Hinge Screw
44
      545445 (803)
                     Work Clamp Closing Lever Hinge Screw Nut
45
      548609
                     Work Clamp Closing Lever Arm (adjustable)
46
      545365 (805)
                     Work Clamp Closing Lever Arm (adjustable) Screw
47
      548480
                     Work Clamp Closing Lever Arm (adjustable) Screw Washer
48
      548610
                     Work Clamp Closing Lever Arm (adjustable) Extension
49
      504063 (825)
                     Work Clamp Closing Lever Arm (adjustable) Extension Screw
50
      548341
                     Needle Thread Pull-off
51
      548906
                     Needle Thread Pull-off Connection
52
      504507 (809)
                    Needle Thread Pull-off Connection Nut
53
      548167
                     Needle Thread Pull-off Connection Washer
54
    545318 (805)
                    Needle Thread Pull-off Set Screw
55
      548343
                     Needle Thread Pull-off Connection 548906 with 545318 (805)
```



CUTTING SHAFT PULLEY, CUTTING DRIVING WHEEL CUTTING LEVER CAM, CUTTING CARRIER CAM, CUTTING SHAFT

Ref. No.	Part No.		Description
1	548109		Buttonhole Cutting Shaft Pulley Stud (4)
2	545420	(805)	Buttonhole Cutting Shaft Pulley Stud Nut (4)
3	548063		Buttonhole Cutting Shaft Pulley Stud Nut Lock Washer (4)
4	548108		Buttonhole Cutting Shaft Pulley Oil Cup
5	548613	(005)	Work Clamp Closing Lever Disengaging Block
6 7	545331	(805)	Work Clamp Closing Lever Disengaging Block Screw
1	548614 548615		Work Clamp Closing Lever Disengaging Block Shim (0.005) Work Clamp Closing Lever Disengaging Block Shim (0.010)
8	548611		Work Clamp Closing Lever Cam Groove Protector
9	548612	1	Work Clamp Closing Lever Cam Groove Protector Position Pin (2)
10	545385	(804)	Work Clamp Closing Lever Cam Groove Protector Screw (2)
11	548491		Starting and Retaining Latch Tripping Block
12	548492		Starting and Retaining Latch Tripping Block Pin (2)
13	545331		Starting and Retaining Latch Tripping Block Screw
14	548623		Work Clamp Closing Lever Engaging Stud Wear Plate
15	548612		Work Clamp Closing Lever Engaging Stud Wear Plate Position Pin (2)
16	545331	(819)	Work Clamp Closing Lever Engaging Stud Wear Plate Screw
17	548106		Buttonhole Cutting Shaft Pulley (loose) with 548108, 548491,
			\$48611, 548623, two each 545331 (805), \$45385 (804), 548492, four each 545420 (805), 548063, 548109 and 548612
18	548104		Buttonhole Cutting Shaft Hand Crank Washer
19	548110		Buttonhole Cutting Shaft Support Bracket
20	548035	(005)	Buttonhole Cutting Shaft Support Bracket Position Pin (2)
21 22	545259 548099	(805)	Buttonhole Cutting Shaft Support Bracket Screw (2) Buttonhole Cutting Shaft Hand Crank
23	545257	(819)	Buttonhole Cutting Shaft Hand Crank Cap Screw
24	548102	(020)	Buttonhole Cutting Shaft Hand Crank Stop Plunger
25	548103		Buttonhole Cutting Shaft Hand Crank Stop Plunger Spring
26	504051	(850)	Buttonhole Cutting Shaft Hand Crank Stop Plunger Spring Screw
27	548100		Buttonhole Cutting Shaft Hand Crank Position Key
28	548101		Buttonhole Cutting Shaft Hand Crank Position Key Spring
29	545258	(805)	Buttonhole Cutting Shaft Hand Crank Position Key Spring Cap Screw
30 31	548107		Buttonhole Cutting Shaft Pulley Bushing
32	*548058 548064		Buttonhole Cutting Driving Wheel Buttonhole Cutting Driving Wheel Position Pin
33	545232	(830)	Buttonhole Cutting Driving Wheel Set Screw
34	*548661	2	Rapid Feed Starting Tripping Point
35	*545314	(803)	Rapid Feed Starting Tripping Point Screw (2)
36	*548662	S 24	Work Clamp Spreader Cam
37	*545314	(803)	Work Clamp Spreader Cam Screw
38	548059		Buttonhole Cutting Driving Wheel Lock
39	548060 545240	(00E)	Buttonhole Cutting Driving Wheel Lock Spring
40 41	548061		Buttonhole Cutting Driving Wheel Lock Spring Screw Buttonhole Cutting Driving Wheel Lock Spring Screw Washer
42	548062		Buttonhole Cutting Driving Wheel Lock Stop Plate
43	545241		Buttonhole Cutting Driving Wheel Lock Stop Plate Screw (long) (2)
44	548063		Buttonhole Cutting Driving Wheel Lock Stop Plate Screw (long) Lock Washer (2)
45	545242	(805)	Buttonhole Cutting Driving Wheel Lock Stop Plate Screw (short) (2)
46	*548051		Buttonhole Cutting Driving Wheel 548058 with 545232 (830), 545240 (805), 548059 to 548062, 548661, 548662, two each 545241 (804), 545242 (805), 548063 and three 545314 (805)
47	*548072		Buttonhole Cutting Lever (lower) Cam with 504056 (830)
48	548008		Buttonhole Cutting Lever (lower) Cam Position Pin
49	504056	7	Buttonhole Cutting Lever (lower) Cam Set Screw
50 51	548074 548008		Buttonhole Cutting Lever (upper) Cam with \$04056 (830) Buttonhole Cutting Lever (upper) Cam Position Pin
52	504056		Buttonhole Cutting Lever (upper) Cam Fosition Fin
53	548052	(000)	Buttonhole Cutting Carrier Cam with 545237 (830)
54	548008		Buttonhole Cutting Carrier Cam Position Pin
55	545237		Buttonhole Cutting Carrier Cam Set Screw
56	548098		Buttonhole Cutting Shaft
57	548105		Buttonhole Cutting Shaft Oil Packing (wick)

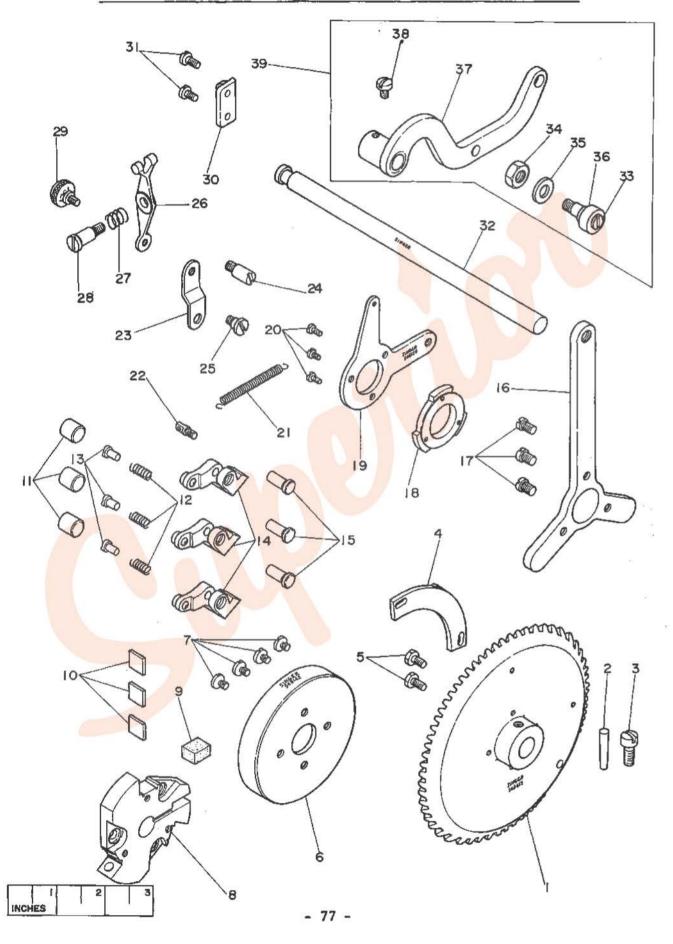
CUTTING SHAFT PULLEY, CUTTING DRIVING WHEEL CUTTING LEVER CAM, CUTTING CARRIER CAM, CUTTING SHAFT



FEED DRIVING AUXILIARY CLUTCH, PATTERN WHEEL SHAFT BEVEL GEAR

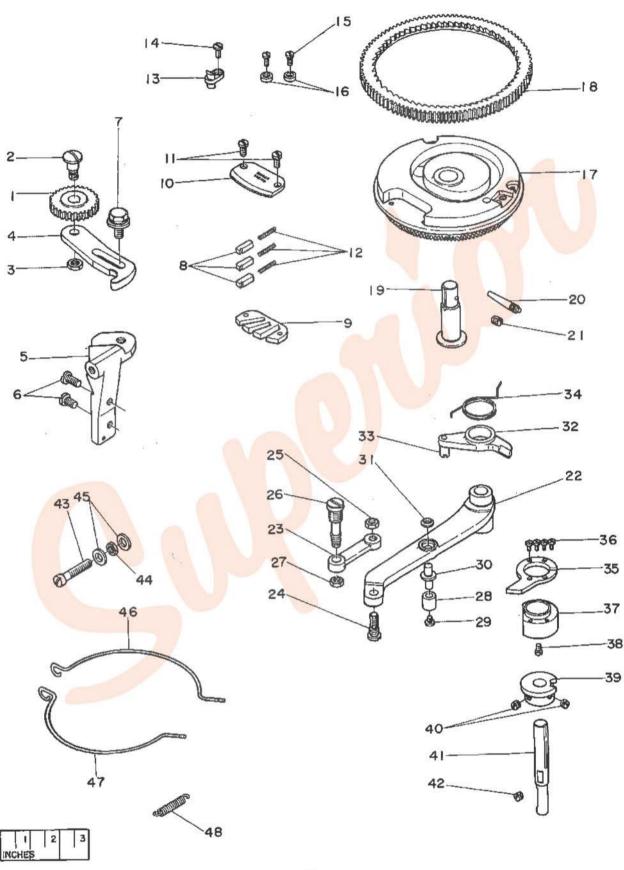
Ref.	Part	, a G	
No.	No.		Description
NO.	110.	8 3 8	DESCRIPCION
1 '	**548413	8	Pattern Wheel Shaft Bevel Gear with 545335 (804)
2	548008		Pattern Wheel Shaft Bevel Gear Position Pin
3	545335	(804)	Pattern Wheel Shaft Bevel Gear Set Screw
4	548144	, ,	Feed Driving Auxiliary Clutch Releaser Cam
5	545268	(803)	Feed Driving Auxiliary Clutch Releaser Cam Screw (2)
6	548142		Feed Driving Auxiliary Clutch Disc
7	545267	(805)	Feed Driving Auxiliary Clutch Disc Screw (4)
8	548157		Feed Driving Auxiliary Clutch Roller Carrier
9	548159		Feed Driving Auxiliary Clutch Roller Carrier Oil Felt
10	548160		Feed Driving Auxiliary Clutch Roller Plate (3)
11	548419		Feed Driving Auxiliary Clutch Roller (state size required) (3)
			marked A (dia. 0.379" - 0.378")
			marked B (dia. 0.378" - 0.377")
			marked C (dia. 0.377" - 0.376")
12	548422		Feed Driving Auxiliary Clutch Roller Spring (3)
13	548423		Feed Driving Auxiliary Clutch Roller Spring Guide Pin (3)
14	548143		Feed Driving Auxiliary Clutch Releaser (3)
15	548156		Feed Driving Auxiliary Clutch Releaser Stud (3)
16	548158		Feed Driving Auxiliary Clutch Roller Carrier Lever
17	545246	(803)	Feed Driving Auxiliary Clutch Roller Carrier Lever Screw (3)
18	548149	,	Feed Driving Auxiliary Clutch Releaser Lever Cam
19	548150		Feed Driving Auxiliary Clutch Releaser Lever Cam Carrier
20	504051		Feed Driving Auxiliary Clutch Releaser Lever Cam Screw (3)
21	548151		Feed Driving Auxiliary Clutch Releaser Lever Cam Carrier
			Spring
22	545264	(804)	Feed Driving Auxiliary Clutch Releaser Lever Cam Carrier
			Spring Screw Eye
23	548152		Feed Driving Auxiliary Clutch Releaser Lever Connection
24	545272	(803)	Feed Driving Auxiliary Clutch Releaser Lever Connection
	W		Screw Stud
25	545271	(803)	Feed Driving Auxiliary Clutch Releaser Lever Connection Screw
26	548145		Feed Driving Auxiliary Clutch Releaser Hand Lever
27	548147		Feed Driving Auxiliary Clutch Releaser Hand Lever Friction
			Spring
28	545269	(803)	Feed Driving Auxiliary Clutch Releaser Hand Lever Hinge Screw
29	545270		Feed Driving Auxiliary Clutch Releaser Hand Lever Screw
30	548146		Feed Driving Auxiliary Clutch Releaser Hand Lever Bracket
31	504063	(825)	Feed Driving Auxiliary Clutch Releaser Hand Lever Bracket
			Screw (2)
32	548155		Feed Driving Auxiliary Clutch Releaser Lever Shaft
33	545273		Feed Driving Auxiliary Clutch Releaser Lever Roller Cap Screw
34	545423		Feed Driving Auxiliary Clutch Releaser Lever Roller Stud Nut
35	548154		Feed Driving Auxiliary Clutch Releaser Lever Roller Stud Nut Washer
36	548153		Feed Driving Auxiliary Clutch Releaser Lever Roller & Stud
			with 545273 (803), 545423 (805) and 548154
37	548148		Feed Driving Auxiliary Clutch Releaser Lever
38	504091	(803)	Feed Driving Auxiliary Clutch Releaser Lever Set Screw
39	548772		Feed Driving Auxiliary Clutch Releaser Lever 548148 with
			548153 and 504091 (803)

FEED DRIVING AUXILIARY CLUTCH, PATTERN WHEEL SHAFT BEVEL GEAR



FEED WHEEL, WORK CLAMP CARRIER FEED LEVER, FEED ADJUSTING GEAR

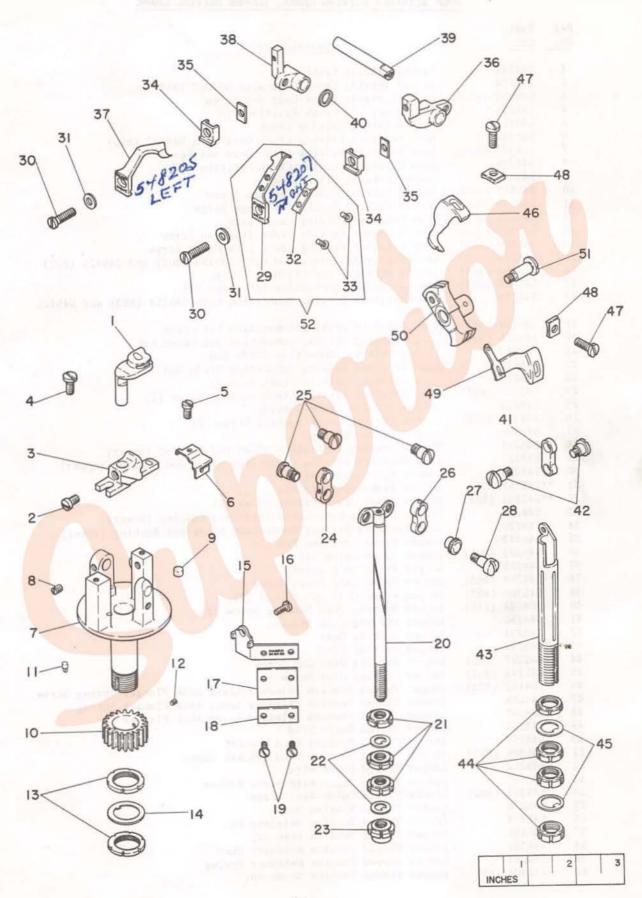
Ref.	Part		
No.	No.		Description
1	548139	(00#)	Feed Adjusting Gear
2	545266		Feed Adjusting Gear Screw Stud
3	154981	(809)	Feed Adjusting Gear Screw Stud Nut
4	548140		Feed Adjusting Gear Bracket
5	548141	(000)	Feed Adjusting Gear Bracket Clamping Post
6	545361		Feed Adjusting Gear Bracket Clamping Post Screw (2)
7	545265	(805)	Feed Adjusting Gear Bracket Clamping Screw
8	548176		Feed Wheel Driving Pawl (3)
9	548177		Feed Wheel Driving Pawl Block
10	548178	(00()	Feed Wheel Driving Pawl Cover
11	545340	(806)	Feed Wheel Driving Pawl Cover Screw (2)
12	548179		Feed Wheel Driving Pawl Spring (3)
13	548124	(005)	Buttonhole Cutting Starting Lever Trip Plate Stud
14		(805)	Buttonhole Cutting Starting Lever Trip Plate Stud Screw
15		(803)	Feed Wheel Ring Retainer Screw (2)
16	548184		Feed Wheel Ring Retainer Washer (2)
17	**548175		Feed Wheel
18 19	548183		Feed Wheel Ring
20	548185 548511		Feed Wheel Stud
21	504095	(850)	Feed Wheel Stud Position Pin Feed Wheel Stud Set Screw
22 .		(030)	Work Clamp Carrier Feed Lever
23	548586		Work Clamp Carrier Feed Lever Link
24	545377	(803)	Work Clamp Carrier Feed Lever Link Screw (lever end)
25	545443	2575000000000000000	Work Clamp Carrier Feed Lever Link Screw (lever end) Screw Nut
26	545378		Work Clamp Carrier Feed Lever Link Screw (carrier end)
27	545443		Work Clamp Carrier Feed Lever Link Screw (carrier end) Screw
	545445	(000)	Nut
28	548587		Work Clamp Carrier Feed Lever Roller
29	545379	(805)	Work Clamp Carrier Feed Lever Roller Cap Screw
30	548588		Work Clamp Carrier Feed Lever Roller Stud
31	548589		Work Clamp Carrier Feed Lever Roller Stud Washer
32	548496		Starting Rod Lock with 545272 (803)
33	545272	(803)	Starting Rod Lock Operating Screw
34	548497		Starting Rod Lock Spring
35	548121	390	Buttonhole Cutting Starting Lever Trip Plate
36	545250	(803)	Buttonhole Cutting Starting Lever Trip Plate Screw (4)
37	*548122		Buttonhole Cutting Starting Lever Trip Plate Carrier .
38	*545263	(850)	Buttonhole Cutting Starting Lever Trip Plate Carrier Stop
			Screw
39	548123		Buttonhole Cutting Starting Lever Trip Plate Carrier Stop
			Collar with two 504029 (833)
40	504029	(833)	Buttonhole Cutting Starting Lever Trip Plate Carrier Stop
con an			Collar Screw (2)
41	548592	/n==:	Work Clamp Carrier Feed Lever Hinge Stud
42	504029	S	Work Clamp Carrier Feed Lever Hinge Stud Set Screw
43	545277		Feed Wheel Friction Ring Adjusting Screw
44	545428		Feed Wheel Friction Ring Adjusting Screw Lock Nut
45	548154		Feed Wheel Friction Ring Adjusting Screw Washer (2)
46	548180		Feed Wheel Friction Ring Section (long)
47	548181		Feed Wheel Friction Ring Section (short)
48	548182		Feed Wheel Friction Ring Spring



THROAT PLATE, LOOPER BRACKET LOOP RETAINER DRIVING BAR, LOOPER DRIVING BAR

Ref.	No.	Description
1	*544543	Throat Plate (0.8 mm gimp hole)
2	545263	(850) Throat Plate Screw
3	548315	
4	545314	
5	549137	
6	548260	
7	548233	[12] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16
8	545400	
9	548238	
10	548239	
11	548240	
12	545292	
13	545431	
14	548234	
15	548236	
16	504051	
17	548235	
18	548237	사용되다는 100명에 전 100명에 1
19	504051	
20	548216	
21	545429	
22	548217	Loop Retainer Driving Bar Adjusting Nut Washer (2)
23	545430	(803) Loop Retainer Driving Bar Lock Nut
24	548211	Loop Retainer Carrier Link
25	545288	(803) Loop Retainer Carrier Link Screw (3)
26	548212	Loop Retainer Carrier Link Adjustable
27	548213	Loop Retainer Carrier Link Adjustable Bushing
28	549136	(806) Loop Retainer Carrier Link Adjustable Bushing Screw
29	548207	
30	545291	(850) Loop Retainer Screw (2)
31	548227	
32	548210	
33	549010	
34	548209	
35	548228	
-	548229	
	548230	
36	548208	
37	548205	
38	548206	
39	548214	
40		
	548215	The state of the s
41	548242	
12	545294	
43	548245	
14	545432	
45	548246	
46	548231	
47	504063	
48	548259	
49	548232	(2) (1) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
50	548241	
51	545293	(803) Looper Carrier Hinge Screw
52	544520	Loop Retainer (right) 548207 with 548210 and two 5490
		0.0

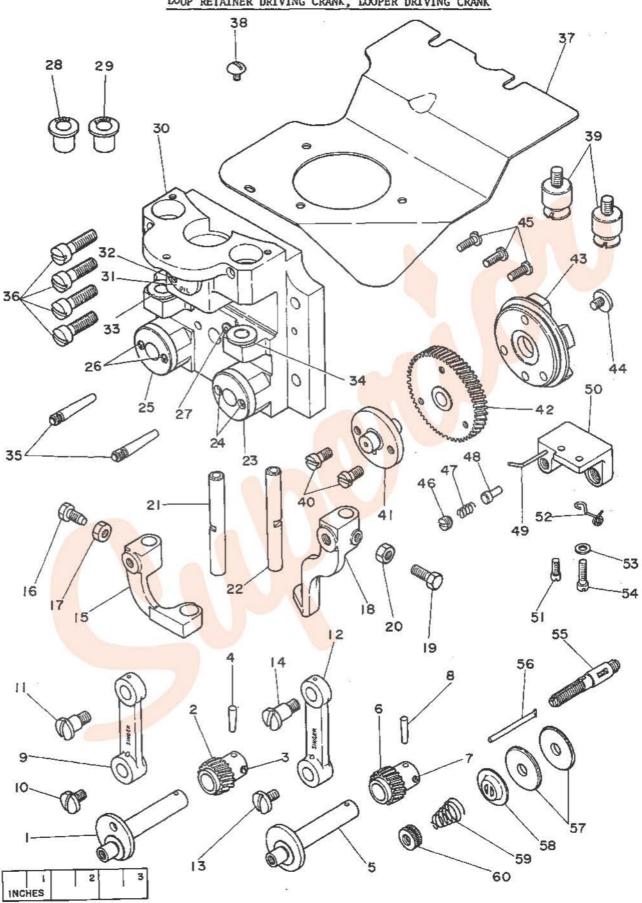
THROAT PLATE, LOOPER BRACKET LOOP RETAINER DRIVING BAR, LOOPER DRIVING BAR



LOOPER FRAME, LOOPER THREAD TENSION COMPLETE LOOP RETAINER DRIVING CRANK, LOOPER DRIVING CRANK

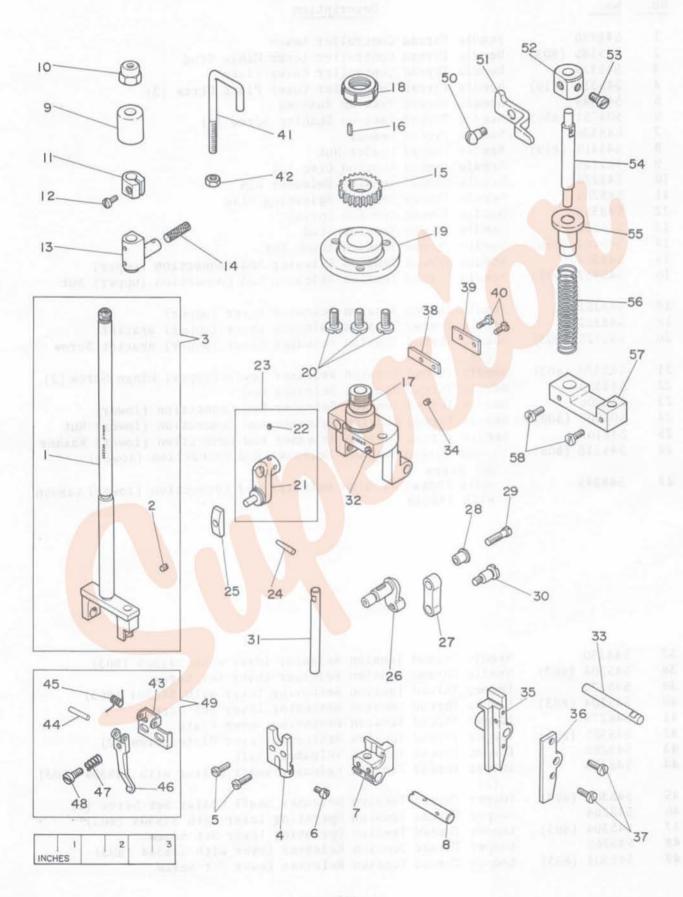
Ref.	Part		
No.	No.		Description
		āk	
1	548248		Looper Driving Crank
2	548224		Looper Driving Crank Gear with 504007 (850)
3	504007	(850)	Looper Driving Crank Gear Set Screw
4	548226		Looper Driving Crank Position Pin
5	548222		Loop Retainer Driving Crank
6	548224	000000	Loop Retainer Driving Crank Gear with 504007 (850)
7	504007	(850)	Loop Retainer Driving Crank Gear Set Screw
8	548226		Loop Retainer Driving Crank Position Pin
9	548225	****	Looper Driving Crank Link
10	545347		Looper Driving Crank Link Cap Screw
11	545296	(803)	Looper Driving Crank Link Hinge Screw
12	548225	(002)	Loop Retainer Driving Crank Link
13 14	545347		Loop Retainer Driving Crank Link Cap Screw
15	545296 548247	(003)	Loop Retainer Driving Crank Link Hinge Screw Looper Driving Connection with 549154 (803) and 545425 (803)
16	549154	(803)	Looper Driving Connection Set Screw
17	545425		Looper Driving Connection Set Screw Nut
18	548218	.(000)	Loop Retainer Driving Connection with 549154 (803) and 545425
-	0.0-20	53	(803)
19	549154	(803)	Loop Retainer Driving Connection Set Screw
20	545425		Loop Retainer Driving Connection Set Screw Nut
21	548219		Looper Driving Connection Slide Rod
22	548219		Loop Retainer Driving Connection Slide Rod
23	548223		Loop Retainer Driving Crank Bushing
24	545325	(803)	Loop Retainer Driving Crank Bushing Screw (2)
25	548223		Looper Driving Crank Bushing
26	545325	(803)	Looper Driving Crank Bushing Screw (2)
27	548108		Looper Frame Oil Cup
28	548221		Looper Driving Connection Slide Rod Bushing (upper)
29	548221		Loop Retainer Driving Connection Slide Rod Bushing (upper)
30	548254		Looper Frame with 548108
31 32	**548257	(004)	Looper Frame Oil Retainer
33	**545301 548220	(004)	Looper Frame Oil Retainer Screw (2) Looper Driving Connection Slide Rod Bushing (lower)
34	548220		Loop Retainer Driving Connection Slide Rod Bushing (lower)
35	548443		Looper Frame Position Pin (2)
36	545302	(805)	Looper Frame Screw (4)
37	**548255	(000)	Looper Frame Chip Guard
38	**545299	(803)	Looper Frame Chip Guard Screw
39	545300	335.63 (32) (37)	Looper Frame Chip Guard Stud (2)
40	504084	(810)	Looper Driving Disc Bearing Screw (2)
41	548250		Looper Driving Disc Bearing
42	548251		Looper Driving Gear
43	548249		Looper Driving Disc
44	545297		Looper Driving Disc Cap Screw
45	545244	2 (1 mg/s) (2 mg/s) (1 mg/s)	Looper Driving Gear Screw (3)
46 47	504102	(000)	Looper Thread Tension Releaser Lever Lock Plunger Spring Screw
48	548268 548267		Looper Thread Tension Releaser Lever Lock Plunger Spring Looper Thread Tension Releaser Lever Lock Plunger
49	548261		Looper Thread Guide Stud
50	548277		Looper Thread Tension Stud Bracket
51	545306		Looper Thread Tension Stud Bracket Screw
52	548262		Looper Thread Guide Wire
53	548167		Looper Thread Guide Wire Screw Washer
54	545303		Looper Thread Guide Wire Screw
55	548276	sature-to Ceffi	Looper Thread Tension Stud
56	548274		Looper Thread Tension Releaser Pin
57	105185		Looper Thread Tension Disc (2)
58	\$48265		Looper Thread Tension Releaser Disc
59	548275	COECS	Looper Thread Tension Releaser Spring
60	545404	(856)	Looper Thread Tension Thumb Nut

LOOPER FRAME, LOOPER THREAD TENSION COMPLETE LOOP RETAINER DRIVING CRANK, LOOPER DRIVING CRANK



NEEDLE DRIVING BAR, NEEDLE HOLDER GAUGE PLATE BLOCK NEEDLE THREAD PULL-OFF (ADJ.), NEEDLE THREAD RETAINER ARM

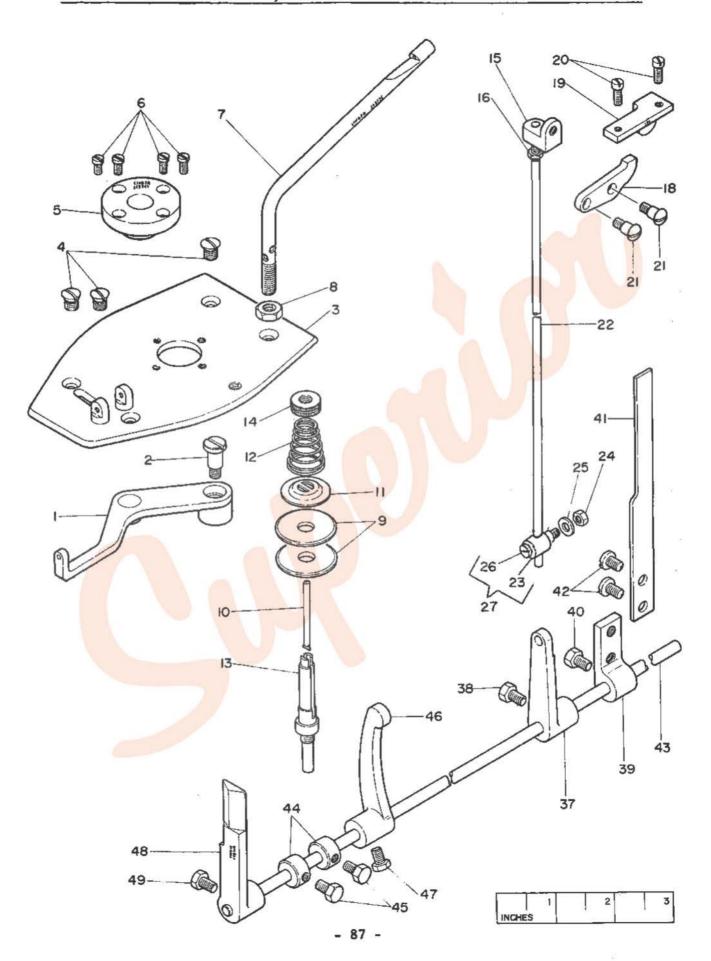
Ref.			S # 12 S
No.	No.		Description
1	548304		Needle Driving Bar
2	545315	(803)	Needle Holder Slide Stud Set Screw
3	548334		Needle Driving Bar 548304 with 545315 (803)
4	**548316		Needle Holder with 549153 (806)
5	504051		Needle Holder Screw (2)
6	**549153	(806)	Needle Set Screw
7 8	548324 548325		Needle Holder Slide Needle Holder Slide Stud
9	548305		Needle Driving Bar Bushing
10	545434	(803)	Needle Driving Bar Cap
11	548307	(00)	Needle Driving Bar Collar with 545250 (803)
12	545250	(803)	Needle Driving Bar Collar Pinch Screw
13	548312		Needle Driving Bar Swivel with 548313
14	548313		Needle Driving Bar Swivel Oil Packing (wick)
15	548326	10	Needle Rotating Gear
16	548327		Needle Rotating Gcar Key
17	548318	(007)	Needle Holder Gauge Plate Block with 545312 (803) and 549128 (803)
18 19	545435 548319	(803)	Needle Holder Gauge Plate Block Nut Needle Holder Gauge Plate Block Bushing
20	545153	(809)	Needle Holder Gauge Plate Block Bushing Screw (3)
21	548373	(005)	Needle Vibrating Operating Lever
22	545292	(803)	Needle Vibrating Operating Lever Set Screw
23	548376		Needle Vibrating Operating Lever 548373 with 545292 (803)
24	548086		Needle Vibrating Operating Lever Position Pin
25	548375		Needle Vibrating Operating Lever Slide Block
26	548374		Needle Vibrating Operating Lever (driven)
27	548371		Needle Vibrating Operating Connection
28 29	548372 545326	(805)	Needle Vibrating Operating Connection Adjusting Eccentric Needle Vibrating Operating Connection Adjusting Eccentric Screw
30	545327		Needle Vibrating Operating Connection Screw Stud
31	548314	(000)	Needle Driving Bar Guide Pin
32	545312	(803)	Needle Driving Bar Guide Pin Set Screw
33	548321		Needle Holder Gauge Plate Shaft
34	549128	(803)	Needle Holder Gauge Plate Shaft Set Screw
35	548317		Needle Holder Gauge Plate
36 37	548323	(050)	Needle Holder Gauge Plate Side Wall
38	545 2 91 548 3 22	(030)	Needle Holder Gauge Plate Side Wall Screw (2) Needle Holder Gauge Plate Shim
39	548320		Needle Holder Gauge Plate Gib
40	545193	(829)	Needle Holder Gauge Plate Gib Screw (2)
41	548342		Needle Thread Pull-off (adj.)
42	545442	(805)	Needle Thread Pull-off (adj.) Lock Nut
43	548346		Needle Thread Retainer Arm Bracket
44	548347		Needle Thread Retainer Arm Hinge Pin
45	548348		Needle Thread Retainer Arm Spring
46 47	548345 548344		Needle Thread Retainer Arm
48	545319	(803)	Needle Thread Retainer Adjusting Spring Needle Thread Retainer Adjusting Screw
49	548850	(000)	Needle Thread Retainer Arm complete Nos. 545319 (803) and
	5, 1,505 5		548344 to 548348
50	545320		Needle Thread Nipper Lever Hinge Screw
51	548338		Needle Thread Nipper Lever
52	548337	(000)	Needle Thread Nipper with 504051 (850)
53 54	504051	(820)	Needle Thread Nipper Set Screw
55	256635 548340		Needle Thread Guide Stud
56	548339		Needle Thread Nipper Spring Bushing Needle Thread Nipper Spring
57	548335		Needle Thread Guide Stud Bracket with two 504051 (850)
58	504051	(85u)	Needle Thread Guide Stud Bracket Set Screw (2)
		300	Production (Antonios Composition) (Composition) (Composition) (Composition) (Composition) (Composition) (Composition)



NEEDLE THREAD CONTROLLER, NEEDLE THREAD TENSION COMPLETE, LOOPER THREAD TENSION RELEASER ROD, NEEDLE THREAD TENSION RELEASE DELAYING DEVICE

Ref.	A7.2			Beautities
No.	No.			Description
1	548796		Needle Threa	i Controller Lever
2	549185	(803)	Needle Threa	d Controller Lever Hinge Stud
3	548329		Needle Threa	d Controller Cover Plate
2 3 4	545316	(819)	Needle Threa	d Controller Cover Plate Screw (3)
5 6 7 8	548349		Needle Threa	d Take-up Bushing
6	504051	(850)	Needle Threa	d Take-up Bushing Screw (4)
7	548336		Needle Threa	d Leader
	545418	(819)	Needle Threa	d Leader Nut
9	105185		Needle Threa	d Tension Disc (2)
10	548274		Needle Threa	d Tension Releaser Pin
11	548265		Needle Threa	d Tension Releasing Disc
12	548355		Needle Threa	d Tension Spring
13	548356		Needle Threa	d Tension Stud
14	545404	(856)	Needle Threa	d Tension Thumb Nut
15	548354		Needle Threa	d Tension Releaser Rod Connection (upper)
16	545437	(809)	Needle Threa	d Tension Releaser Rod Connection (upper) Nut
2.2	201521			
18	548351			d Tension Releaser Lever (upper)
19	548352			d Tension Releaser Lever (upper) Bracket
20	545325	(803)		d Tension Releaser Lever (upper) Bracket Screw
120.00		Tanus Coroner	(2)	
21	545320	(803)		d Tension Releaser Lever (upper) Hinge Screw (2)
22	548353			d Tension Releaser Rod
23	548906			d Tension Releaser Rod Connection (lower)
24	504507	(809)		d Tension Releaser Rod Connection (lower) Nut
25	548167			d Tension Releaser Rod Connection (lower) Washer
26	545318	(805)	Needle Threa	d Tension Releaser Rod Connection (lower)
			Set Screw	
27	548343			d Tension Releaser Rod Connection (lower) 548906
			with 54531	8

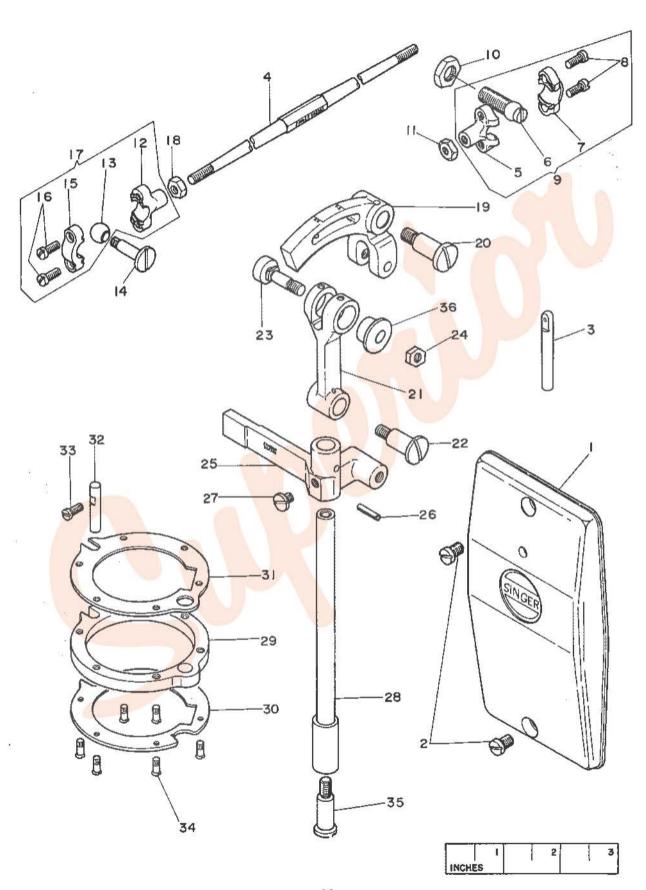
37	548350		Needle Thread Tension Releaser Lever with 545304 (803)
38	545304	(803)	Needle Thread Tension Releaser Lever Set Screw
39	548272		Looper Thread Tension Restoring Lever with 545304 (803)
40	545304	(803)	Looper Thread Tension Restoring Lever Set Screw
41	548273		Looper Thread Tension Restoring Lever Plate
42	545305	(805)	Looper Thread Tension Restoring Lever Plate Screw (2)
43	548269		Looper Thread Tension Releaser Shaft
44	548270		Looper Thread Tension Releaser Shaft Collar with 545304 (803
45	545304	(803)	Looper Thread Tension Releaser Shaft Collar Set Screw (2)
46	548264	SS 55	Looper Thread Tension Operating Lever with 545304 (803)
47	545304	(803)	Looper Thread Tension Operating Lever Set Screw
48	548266		Looper Thread Tension Releaser Lever with 545304 (803)
49	545304	(803)	Looper Thread Tension Releaser Lever Set Screw



FACE PLATE, NEEDLE VIBRATING, NEEDLE THREAD GUIDE

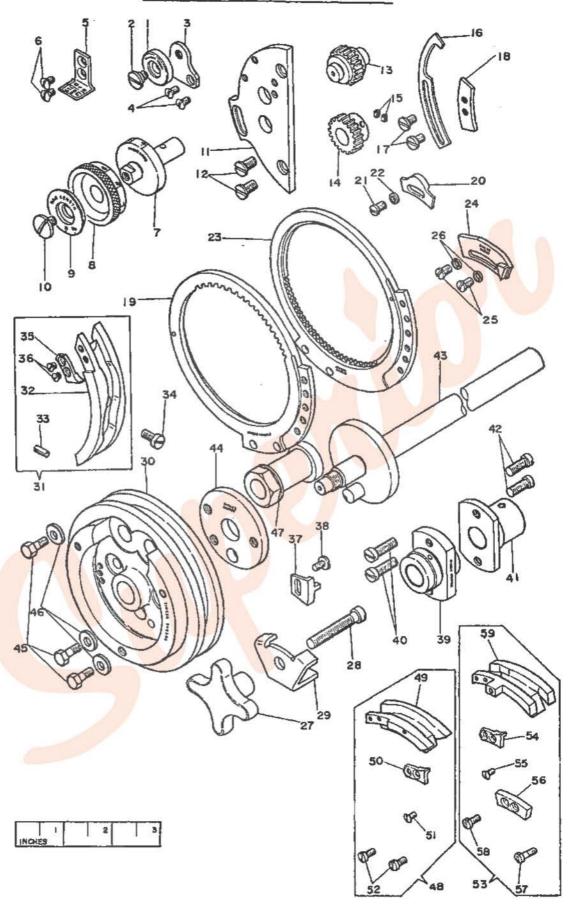
Ref.	Part No.		Description
1	548920		Face Plate
2	545146	(809)	Face Plate Screw (2)
3 4	548333		Needle Thread Guide
4	548360		Needle Vibrating Bell Crank Connection
5	548361		Needle Vibrating Bell Crank Connection End Bearing (back)
6	545323	(803)	Needle Vibrating Bell Crank Connection End Bearing (back) Ball Screw
7	548363		Needle Vibrating Bell Crank Connection End Bearing (back) Cap
8	545325	(803)	Needle Vibrating Bell Crank Connection End Bearing (back) Cap Screw (2)
9	548362		Needle Vibrating Bell Crank Connection End Bearing (back)
			548361 with 545323 (803), 548363 and two 545325 (803)
10	545424	(805)	Needle Vibrating Bell Crank Connection End Bearing (back) Ball Screw Nut
11	545425	(803)	Needle Vibrating Bell Crank Connection End Bearing (back) Check Nut
12	548364		Needle Vibrating Bell Crank Connection End Bearing (front)
13	548366		Needle Vibrating Bell Crank Connection End Bearing (front) Ball
14	545324	(803)	Needle Vibrating Bell Crank Connection End Bearing (front) Ball Screw
15	548367		Needle Vibrating Bell Crank Connection End Bearing (front) Cap
16	545325	(803)	Needle Vibrating Bell Crank Connection End Bearing (front) Cap Screw (2)
17	548365		Needle Vibrating Bell Crank Connection End Bearing (front)
			548364 with 545324 (803), 548366, 548367 and two 545325 (803)
18	545426	(803)	Needle Vibrating Bell Crank Connection End Bearing (front) Check Nut
19	548359		Needle Vibrating Bell Crank
20	545151	(803)	Needle Vibrating Bell Crank Hinge Screw
21	548357		Needle Vibrating Adjusting Link
22	545321		Needle Vibrating Adjusting Link Hinge Screw
23	545322		Needle Vibrating Adjusting Stud
24	545411	(803)	Needle Vibrating Adjusting Stud Nut
25	548382		Needle Vibrating Rod Guide with 545267 (805)
26	548383		Needle Vibrating Rod Guide Position Pin
27	545267	(805)	Needle Vibrating Rod Guide Screw
28	548381		Needle Vibrating Rod
29	548377		Needle Vibrating Ring (center section)
30	548378		Needle Vibrating Ring (lower section)
31	548379		Needle Vibrating Ring (top section)
32	548380	(00=)	Needle Vibrating Ring Guide Stud
33	545250		Needle Vibrating Ring Guide Stud Set Screw
34	545328		Needle Vibrating Ring Screw (6)
35 36	545329	(803)	Needle Vibrating Ring Screw Stud
au	548928		Needle Vibrating Adjusting Stud Collar

FACE PLATE, NEEDLE VIBRATING MECHANISM, NEEDLE THREAD GUIDE



PATTERN WHEEL, PATTERN WHEEL SHAFT

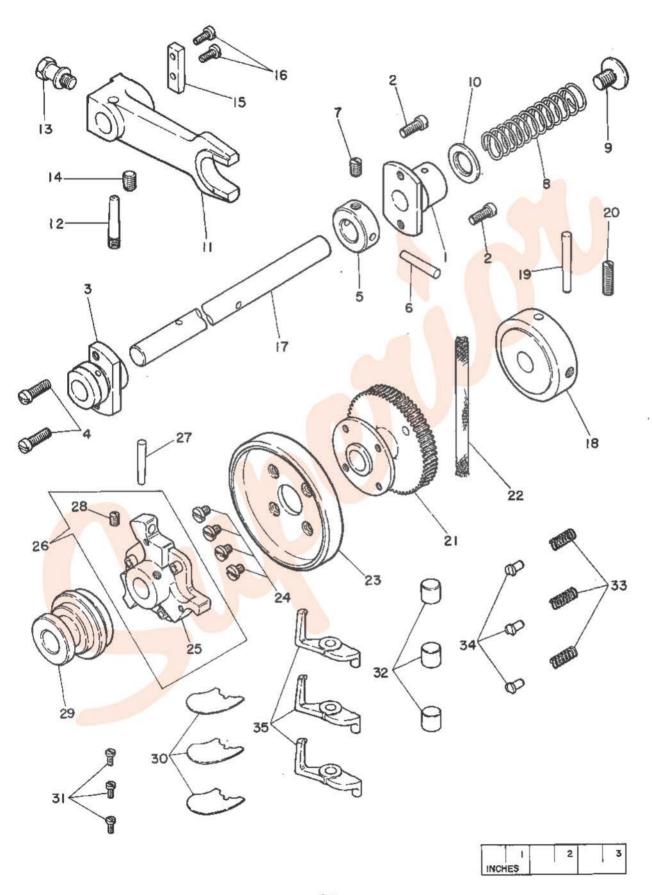
```
Ref. Part
No. No.
                                       Description
    *548630
                     Work Clamp Opening Lever Operating Lever (intermediate) Roller
                     Work Clamp Opening Lever Operating Lever (intermediate) Roller Screw Work Clamp Opening Lever Operating Lever (intermediate) Roller Plate
    *545271 (803)
    *548631
                     Work Clamp Opening Lever Operating Lever (intermediate) Roller Plate Screw (2)
    *504110 (819)
     548397
                     Pattern Wheel Index
                     Pattern Wheel Index Screw (2)
     504110 (819)
 7 **548398
                     Pattern Wheel Index Disc
 8 **548399
                     Pattern Wheel Index Disc (bar)
 9 **548400
                     Pattern Wheel Index Disc (bar) Washer
                     Pattern Wheel Index Disc (bar) Washer Screw
10
     545347 (803)
11
     548409
                     Pattern Wheel Ring Clamping Retainer Plate
12
     545334 (805)
                    Pattern Wheel Ring Clamping Retainer Plate Screw (2)
13
     548386
                     Pattern Wheel Adjusting Gear (starting ring)
     548385 Pattern Wheel Adjusting Gear (stop ring) with two 504007 (850) 504007 (850) Pattern Wheel Adjusting Gear (stop ring) Set Screw (2)
14
15
                     Pattern Wheel Ring Stop Block Adjustable
17
     545314 (803) Pattern Wheel Ring Stop Block Adjustable Screw (2)
18 **548410
                     Pattern Wheel Ring Start Block Adjustable
     548404
                     Pattern Wheel Ring (stop)
19
     548407
                     Pattern Wheel Ring Adjusting Segment (stop)
21
     545138 (809) Pattern Wheel Ring Adjusting Segment (stop) Screw
                     Pattern Wheel Ring Adjusting Segment (stop) Screw Washer
     548406
23
     548403
                     Pattern Wheel Ring (start)
     548405
                     Pattern Wheel Ring Adjusting Segment (start)
                    Pattern Wheel Ring Adjusting Segment (start) Screw (2)
     545138 (809)
25
26
                     Pattern Wheel Ring Adjusting Segment (start) Screw Washer (2)
     548406
                     Pattern Wheel Ring Clamping Nut
     545447 (728)
27
     545333 (805) Pattern Wheel Ring Clamping Nut Screw
                     Pattern Wheel Ring Clamping Plate
29
     548408
30
     548384
                     Pattern Wheel (adjustable)
    *548977
                     Pattern Wheel Cam Block (eye) (.126 x .160) 548887 with 548391, 548492 and
                       two 549191
    *548887
32
                     Pattern Wheel Cam Block (eye) (.126 x .160)
33
     548492
                     Pattern Wheel Cam Block (eye) Position Pin
                     Pattern Wheel Cam Block (eye) Screw
34
     545331 (819)
35
     548391
                     Pattern Wheel Cam Block (eye) Safety Latch Trip
     549191 (819)
36
                    Pattern Wheel Cam Block (eye) Safety Latch Trip Screw (2)
37
     548402
                     Pattern Wheel Rapid Feed Tripping Point
                    Pattern Wheel Rapid Feed Tripping Point Screw
     545314 (803)
39
     548414
                     Pattern Wheel Shaft Bushing (left)
                     Pattern Wheel Shaft Bushing (left) Screw (2)
40
     545259 (805)
                     Pattern Wheel Shaft Bushing (right)
41
     548415
                     Pattern Wheel Shaft Bushing (right) Screw (2)
42
     545229 (805)
43
     548401
                     Pattern Wheel Shaft
44
                     Pattern Wheel Adjusting Plate
45
     545330 (803)
                     Pattern Wheel Adjusting Plate Screw (3)
                     Pattern Wheel Adjusting Plate Screw Washer (3)
47
     545439 (803)
                     Pattern Wheel Clamping Nut
                     Pattern Wheel 548384 with 545333 (803), 545347 (803), 545447 (728), 548226,
                       548385 to 548387, 548397 to 548400, 548402 to 548405, 548407 to 548411, two each 504110 (819), 545334 (805), three each 545138 (809), 545314 (803),
                       545330 (803), 548388 and 548406
     *548882
                     Pattern Wheel 548881 with 545271 (803), 548630, 548631 and two 504110 (819)
                     Pattern Wheel Cam Block (1st side) (1/4" max.) complete, Nos. 548391, 548392,
    *548987
48
                       549191 and two 504078
49
    *548392
                     Pattern Wheel Cam Block (1st side) (1/4" max.)
     548391
                     Pattern Wheel Cam Block (1st side) Safety Latch Trip
                     Pattern Wheel Cam Block (1st side) Safety Latch Trip Screw
51
     549191 (819)
                     Pattern Wheel Cam Block (1st side) Screw (2)
Pattern Wheel Cam Block (2nd side) (1/4" max.) complete, Nos. 504078, 545332,
     504078 (803)
    *548988
                       548391, 548802, 548396 and 549191
54
     548391
                     Pattern Wheel Cam Block (2nd side) Safety Latch Trip
55
     549191 (819) Pattern Wheel Cam Block (2nd side) Safety Latch Trip Screw
56
     548396
                     Pattern Wheel Cam Block (2nd side) Safety Latch Trip Spacer
                    Pattern Wheel Cam Block (2nd side) Screw (long)
Pattern Wheel Cam Block (2nd side) Screw (short)
57
     545332 (805)
     504078 (803)
    *548802
                     Pattern Wheel Cam Block (2nd side) (1/4" max.)
```



RAPID FEED SLIDE BAR, RAPID FEED CLUTCH

Ref.	Part		
No.	No.		Description
1	548415		Rapid Feed Slide Bar Bushing (right)
2	545229	(805)	Rapid Feed Slide Bar Bushing (right) Screw (2)
3	548439		Rapid Feed Slide Bar Bushing (left)
4	545259	(805)	Rapid Feed Slide Bar Bushing (left) Screw (2)
5	548441		Rapid Feed Slide Bar Collar with 504029 (833)
6	548008		Rapid Feed Slide Bar Collar Position Pin
7	504029	(833)	Rapid Feed Slide Bar Collar Set Screw
8	548455		Rapid Feed Slide Bar Spring
9	545346	(805)	Rapid Feed Slide Bar Spring Cap Screw
10	548456		Rapid Feed Slide Bar Spring Washer
11	548442		Rapid Feed Slide Bar Fork Connection with 545370 (803)
12	548443		Rapid Feed Slide Bar Fork Connection Position Pin
13	545339		Rapid Feed Slide Bar Fork Connection Screw Stud
14	545370	(803)	Rapid Feed Slide Bar Fork Connection Set Screw
15	548444	0 0	Rapid Feed Slide Bar Fork Connection Extension Plate
16	545340	(806)	Rapid Feed Slide Bar Fork Connection Extension Plate Screw (2)
17	548438		Rapid Feed Slide Bar
18	548089		Buttonhole Cutting Safety Cam with 545253 (803)
19	548244		Buttonhole Cutting Safety Cam Position Pin
20	545253	(803)	Buttonhole Cutting Safety Cam Set Screw
21	548486		Rapid Feed Worm Wheel with 548487
22	548487		Rapid Feed Worm Wheel Oil Packing (wick)
23	548142	(000)	Rapid Feed Clutch Driving Disc
24	545267	(805)	Rapid Feed Clutch Driving Disc Screw (4)
25	548420		Rapid Feed Clutch Roller Carrier
26	548650		Rapid Feed Clutch Roller Carrier 548420 with 504134 (850)
27	548008	(050)	Rapid Feed Clutch Roller Carrier Position Pin
28	504134	(850)	Rapid Feed Clutch Roller Carrier Set Screw
29 30	548418		Rapid Feed Clutch Disengaging Sleeve
31	548421	COEM	Rapid Feed Clutch Roller Retainer (3)
32	504051	(030)	Rapid Feed Clutch Roller Retainer Screw (3)
32	546419		Rapid Feed Clutch Roller (state size required) (3)
			marked A (dia .379"378")
			marked B (dia .378"377")
33	548422		marked C (dia .377"376")
34	548423		Rapid Feed Clutch Roller Spring (3)
35	548417		Rapid Feed Clutch Roller Spring Guide Pin (3)
55	24041/		Rapid Feed Clutch Disengaging Lever (3)

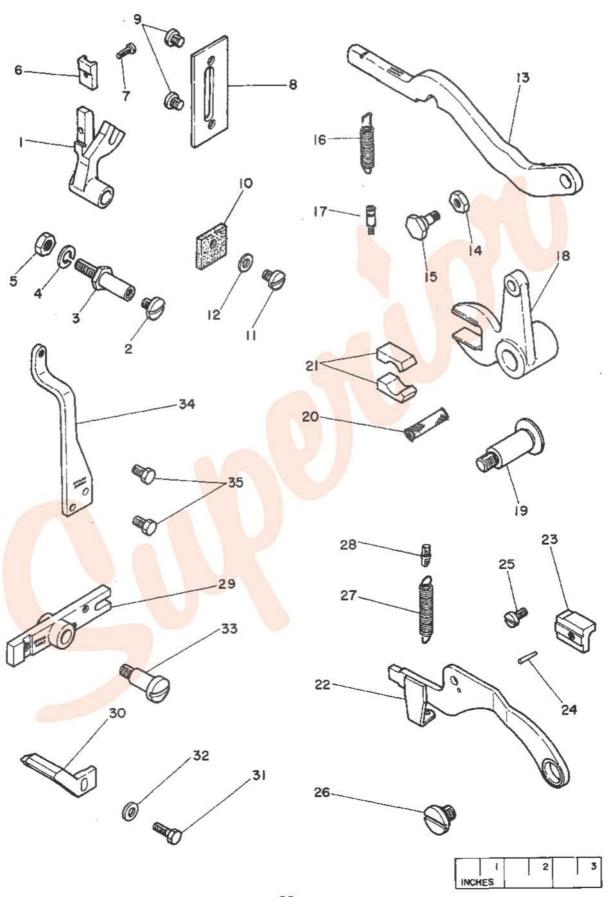
RAPID FEED SLIDE BAR, RAPID FEED CLUTCH



RAPID FEED STARTING PAWL, RAPID FEED SLIDE BAR LOCK

Ref.	Part	
No.	No.	Description
1	548457	Rapid Feed Starting Latch
2	545347 (803	
3	548458	Rapid Feed Starting Latch Hinge Stud
4	548459	Rapid Feed Starting Latch Hinge Stud Lock Washer
5	545428 (803	Rapid Feed Starting Latch Hinge Stud Nut
6	548460	Rapid Feed Starting Latch Plate
7	545348 (805	Rapid Feed Starting Latch Plate Screw
8	548471	Rapid Feed Starting Pawl Guide
9	545153 (809	Rapid Feed Starting Pawl Guide Screw (2)
10	548472	Rapid Feed Starting Pawl Oiling Pad (felt)
11	545351 (804	Rapid Feed Starting Pawl Oiling Pad Screw
12	548473	Rapid Feed Starting Pawl Oiling Pad Screw Washer
13	544517	Rapid Feed Starting Pawl
14	545436 (805	
15	545350 (803	S) Rapid Feed Starting Pawl Hinge Screw
16	544518	Rapid Feed Starting Pawl Spring
17	549234 (804	Rapid Feed Starting Pawl Spring Screw Eye
18	548435	Rapid Feed Pawl Bell Crank with 548436
19	545338 (803	Rapid Feed Pawl Bell Crank Hinge Screw
20	548436	Rapid Feed Pawl Bell Crank Oil Packing (wick)
21	548437	Rapid Feed Pawl Bell Crank Slide Block Section (2)
22	548445	Rapid Feed Slide Bar Lock
23	548446	Rapid Feed Slide Bar Lock Block
24	548084	Rapid Feed Slide Bar Lock Block Position Pin
25	504084 (810	
26	545341 (803	5
27	548800	Rapid Feed Slide Bar Lock Spring
28	545264 (804	Rapid Feed Slide Bar Lock Spring Screw Eye
29	548449	Rapid Feed Slide Bar Lock Trip
30	548450	Rapid Feed Slide Bar Lock Trip (adjustable)
31	545289 (805	
32	548061	Rapid Feed Slide Bar Lock Trip (adjustable) Screw Washer
33	545159 (803	
34	548452	Rapid Feed Slide Bar Lock Trip Extension
35	545304 (803	Rapid Feed Slide Bar Lock Trip Extension Screw (2)

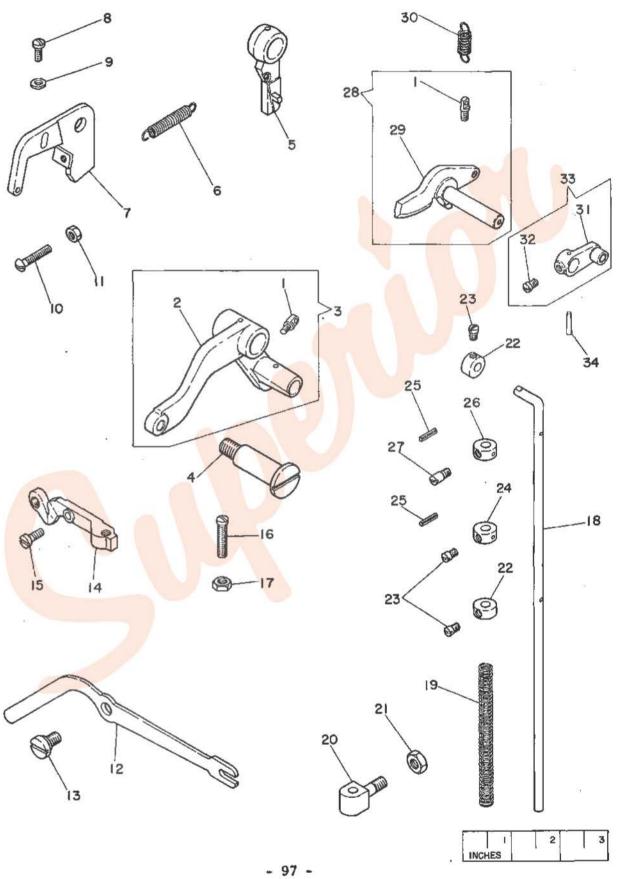
RAPID FEED STARTING PAWL, RAPID FEED SLIDE BAR LOCK



FINGER STARTING LEVER (INTERMEDIATE) STARTING BELL CRANK, STARTING ROD

Ref.	Part	tž.
No.	No.	Description
1	545264 (804)	Starting and Retaining Latch Spring Screw Eye (2)
2	548660	Starting Bell Crank
3	548493	Starting Bell Crank 548660 with 545264 (804)
4	545358 (803)	Starting Bell Crank Hinge Screw
5	548617	Work Clamp Closing Lever Engaging Stud Latch
6	548618	Work Clamp Closing Lever Engaging Stud Latch Spring
7	548619	Work Clamp Closing Lever Engaging Stud Lock Plate
8	545007 (850)	Work Clamp Closing Lever Engaging Stud Lock Plate Screw
9	548167	Work Clamp Closing Lever Engaging Stud Lock Plate Screw Washer
10	545386 (803)	Work Clamp Closing Lever Engaging Stud Latch Stop Screw
11	545446 (805)	Work Clamp Closing Lever Engaging Stud Latch Stop Screw Nut
12	548189	Finger Starting Lever (intermediate)
	545282 (803)	Finger Starting Lever (intermediate) Hinge Screw
14	548190	Finger Starting Lever (intermediate) Bracket with 545388 (803)
		and 545425 (803)
15	545361 (803)	Finger Starting Lever (intermediate) Bracket Screw
16	545388 (803)	Work Clamp Closing Lever Stop Screw
17	545425 (803)	Work Clamp Closing Lever Stop Screw Nut
18	548494	Starting Rod
19	548498	Starting Rod Spring
20	548499	Starting Rod Spring Support
21	154983 (819)	Starting Rod Spring Support Lock Nut
22	548495	Starting Rod Collar with 545357 (805) (2)
23	545357 (805)	Starting Rod Collar Set Screw (3)
24	548192	Starting Rod Collar with 545357 (805)
25	548202	Starting Rod Collar Position Pin (2)
26	548659	Starting Rod Collar with 545283 (803)
27	545283 (803)	Starting Rod Collar Screw Stud
28	548653	Starting and Retaining Latch 548488 with 545264 (804)
29	548488	Starting and Retaining Latch
30	548091	Starting and Retaining Latch Spring
31	548489	Starting and Retaining Latch Crank
32	545357 (805)	Starting and Retaining Latch Crank Set Screw
33	548451	Starting and Retaining Latch Crank 548489 with 545357 (805)
34	548490	Starting and Retaining Latch Crank Position Pin
8		THE CONTRACTOR OF THE PROPERTY

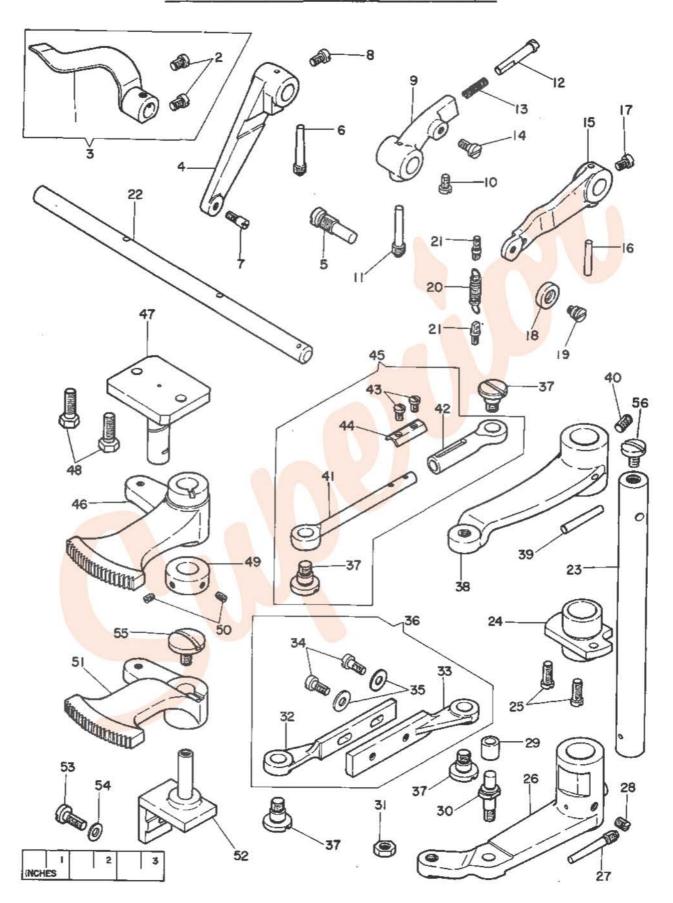
FINGER STARTING LEVER (INTERMEDIATE) STARTING BELL CRANK, STARTING ROD



RAPID FEED STARTING LEVER, STITCH ROTATING LEVER

Ref.	Part No.		Description
1	548462		Rapid Feed Starting Lever (hand)
2	545246	(803)	Rapid Feed Starting Lever (hand) Set Screw (2)
3	548652	170000000000000000000000000000000000000	Rapid Feed Starting Lever (hand) 548462 with two 545246 (803)
4	548475		Rapid Feed Starting Trip Lever with 545246 (803)
5	549158	(831)	Rapid Feed Starting Trip Lever Over Throw Stop Screw
6	548186		Rapid Feed Starting Trip Lever Position Pin
7	5453 53		Rapid Feed Starting Trip Lever Screw Stud
8	545246	(803)	Rapid Feed Starting Trip Lever Set Screw
9	548463		Rapid Feed Starting Lever (operated by stop motion) with 504084 (810), 545246 (803), 548468 and 548469
10	545246	(803)	Rapid Feed Starting Lever (operated by stop motion) Set Screw
11	548186		Rapid Feed Starting Lever (operated by stop motion) Position Pin
12	548468		Rapid Feed Starting Lever Stud
13	548469		Rapid Feed Starting Lever Stud Spring
14	504084	(810)	Rapid Feed Starting Lever Stud Set Screw
15	*548461		Rapid Feed Starting Lever with 545246 (803), 545264 (804), 545349 (803) and 548465
16 17	*548203 545246		Rapid Feed Starting Lever Position Pin Rapid Feed Starting Lever Set Screw
18	*548465	(003)	Rapid Feed Starting Lever Roller
19	*545349	(803)	Rapid Feed Starting Lever Roller Screw Stud
20	*548467	(000)	Rapid Feed Starting Lever Spring
21	*545264	(804)	Rapid Feed Starting Lever Spring Screw Eye (2)
22	548466		Rapid Feed Starting Lever Shaft
23	548523		Stitch Rotating Lever Rock Shaft
24	548524		Stitch Rotating Lever Rock Shaft Bearing (lower)
25	545229	(805)	Stitch Rotating Lever Rock Shaft Bearing (lower) Screw (2)
26	548510		Stitch Rotating Lever (lower) with 504029 (833)
27	548511		Stitch Rotating Lever (lower) Position Pin
28	504029	(833)	Stitch Rotating Lever (lower) Set Screw
29	548512		Stitch Rotating Lever (lower) Roller
30	545359		Stitch Rotating Lever (lower) Roller Screw Stud
31	545418	(805)	Stitch Rotating Lever (lower) Roller Screw Stud Nut
32 33	548515 548518		Stitch Rotating Lever Connection Front Section (lower) Stitch Rotating Lever Connection Rear Section (lower)
34	545385		Stitch Rotating Lever Connection Screw (lower) (2)
35	548520	(004)	Stitch Rotating Lever Connection Screw (lower) Washer (2)
36	548517		Stitch Rotating Lever Connection (lower) complete, Nos. 548515, 548518, two each 545385 (804) and 548520
37	545360	(803)	Stitch Rotating Lever Connection Hinge Screw (4)
38	548513		Stitch Rotating Lever (upper) with 504029 (833)
39	548514		Stitch Rotating Lever (upper) Position Pin
40	504029	(833)	Stitch Rotating Lever (upper) Set Screw
41	548516		Stitch Rotating Lever Connection Front Section (upper)
42	548519		Stitch Rotating Lever Connection Rear Section (upper)
43	54509 3	(803)	Stitch Rotating Lever Connection Screw (upper) (2)
44	548521		Stitch Rotating Lever Connection Screw (upper) Washer
45 46	548522		Stitch Rotating Lever Connection (upper) complete, Nos. 548516, 548519, 548521 and two 545093 (803)
47	548529 548530		Stitch Rotating Sector (upper)
48	549260		Stitch Rotating Sector (upper) Bracket Stitch Rotating Sector (upper) Bracket Screw (2)
49	548428	(013)	Stitch Rotating Sector (upper) Collar with two 504056 (830)
50	504056	(830)	Stitch Rotating Sector (upper) Collar Set Screw (2)
51	548525	,,	Stitch Rotating Sector (lower)
52	548526		Stitch Rotating Sector (lower) Bracket with Stud
53	545361	(803)	Stitch Rotating Sector (lower) Bracket Screw
54	548527	200	Stitch Rotating Sector (lower) Bracket Screw Washer
55	545362		Stitch Rotating Sector (lower) Cap Screw
.56	549180	(805)	Stitch Rotating Lever Rock Shaft Cap Screw

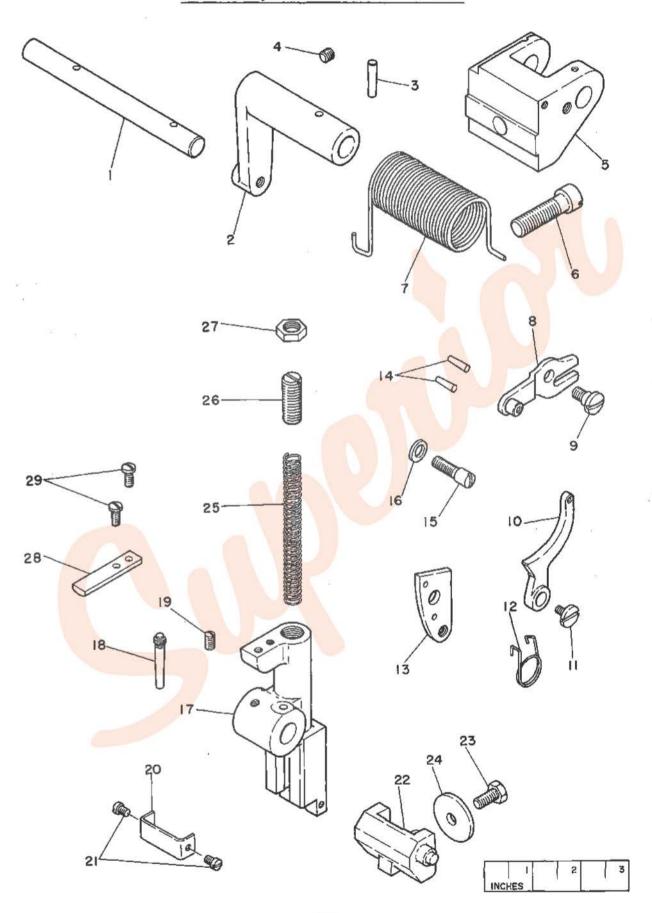
RAPID FEED STARTING LEVER, STITCH ROTATING LEVER



STOP LEVER, RAPID FEED TRIPPING PAWL

Ref.	Part No.	Description
1	548549	Stop Lever Shaft
2	544502	Stop Lever Crank with 504056 (830)
3	548038	Stop Lever Crank Position Pin
4	504056 (830)	Stop Lever Crank Set Screw
5	548532	Stop Lever Bracket
6	545363 (805)	Stop Lever Bracket Screw
7	548550	Stop Lever Spring
8	548477	Rapid Feed Tripping Pawl Lever
9	545356 (803)	Rapid Feed Tripping Pawl Lever Hinge Screw
10	548476	Rapid Feed Tripping Pawl
11	545354 (804)	Rapid Feed Tripping Pawl Cap Screw
12	548481	Rapid Feed Tripping Pawl Spring
13	548478	Rapid Feed Tripping Pawl Lever Bracket
14	548479	Rapid Feed Tripping Pawl Lever Bracket Position Pin (2)
	545355 (803)	Rapid Feed Tripping Pawl Lever Bracket Screw
16	548480	Rapid Feed Tripping Pawl Lever Bracket Screw Washer
17	548531	Stop Lever with 545370 (803)
18	548511	Stop Lever Position Pin
19	545370 (803)	Stop Lever Set Screw
20	548534	Stop Lever Friction Pad (rawhide)
21	545138 (809)	Stop Lever Friction Pad Screw (2)
22		Stop Lever Interlocking Slide
23		Stop Lever Interlocking Slide Screw
24	548536	Stop Lever Interlocking Slide Screw Washer
25	548537	Stop Lever Interlocking Slide Spring
26	545364 (803)	Stop Lever Interlocking Slide Adjusting Screw
27	545441 (805)	Stop Lever Interlocking Slide Adjusting Screw Nut
28	*548093	Buttonhole Cutting Safety Latch Unlocking Plate
29	*545340 (806)	Buttonhole Cutting Safety Latch Unlocking Plate Screw (2)

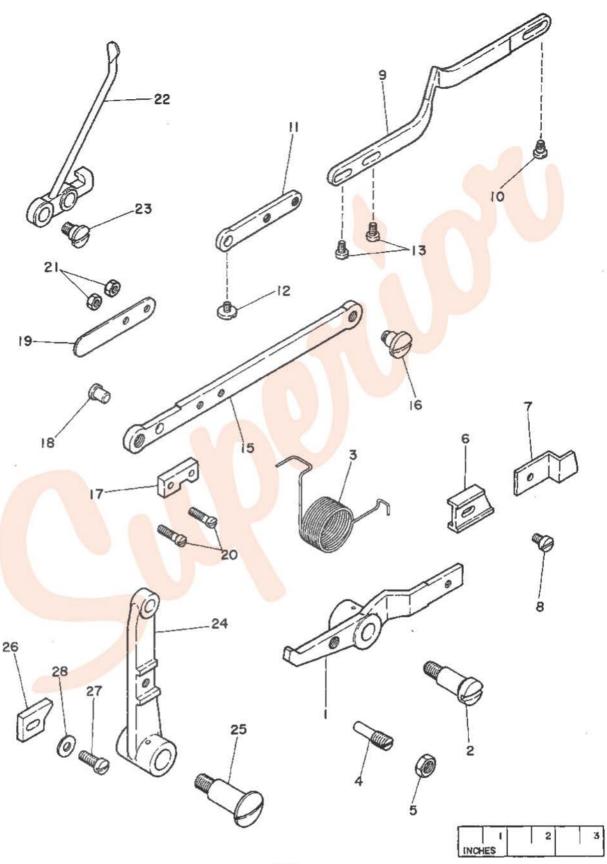
STOP LEVER, RAPID FEED TRIPPING PAWL



STOP LEVER LOCK LEVER STOP LEVER LINK CONNECTION, STOP LEVER OPERATING LEVER

Ref.	Part No.		Description
1	548543		Stop Lever Lock Lever
2	545256	(803)	Stop Lever Lock Lever Hinge Screw
3	548544	5 5	Stop Lever Lock Lever Spring
4	545369	(803)	Stop Lever Lock Lever Stop Screw
5	154981	(819)	Stop Lever Lock Lever Stop Screw Nut
6	*548545		Stop Lever Lock Lever Trip
7	*548626		Work Clamp Opening Lever Extension
8	*504084		Work Clamp Opening Lever Extension Screw
9	548454		Rapid Feed Slide Bar Lock Trip Extension Lever (front
212	200200000	20000000	section)
10	545343	(803)	Rapid Feed Slide Bar Lock Trip Extension Lever (front
			section) Screw
11	548453	(00=)	Rapid Feed Slide Bar Lock Trip Extension Lever (back section)
12	545342	(803)	Rapid Feed Slide Bar Lock Trip Extension Lever (back section)
	545514	(000)	Cap Screw
13	545314	(803)	Rapid Feed Slide Bar Lock Trip Extension Lever (back section)
			Screw (2)
15	548538		Stop Lever Link
16	545368		
17	548542	(000)	Stop Lever Lock Block
18	548540		Stop Lever Link Connection Locking Pin
19	548541		Stop Lever Link Connection Locking Pin Spring
20	545366	(804)	Stop Lever Link Connection Locking Pin Spring Screw (2)
21	545442		Stop Lever Link Connection Locking Pin Spring Screw Nut (2)
22	548539		Stop Lever Link Connection
23	545367	(803)	Stop Lever Link Connection Hinge Screw (front)
24	548546		Stop Lever Operating Lever
25	545338	(803)	Stop Lever Operating Lever Hinge Screw
26	548547		Stop Lever Operating Plate
27	545183	(803)	Stop Lever Operating Plate Screw
28	548054		Stop Lever Operating Plate Screw Washer

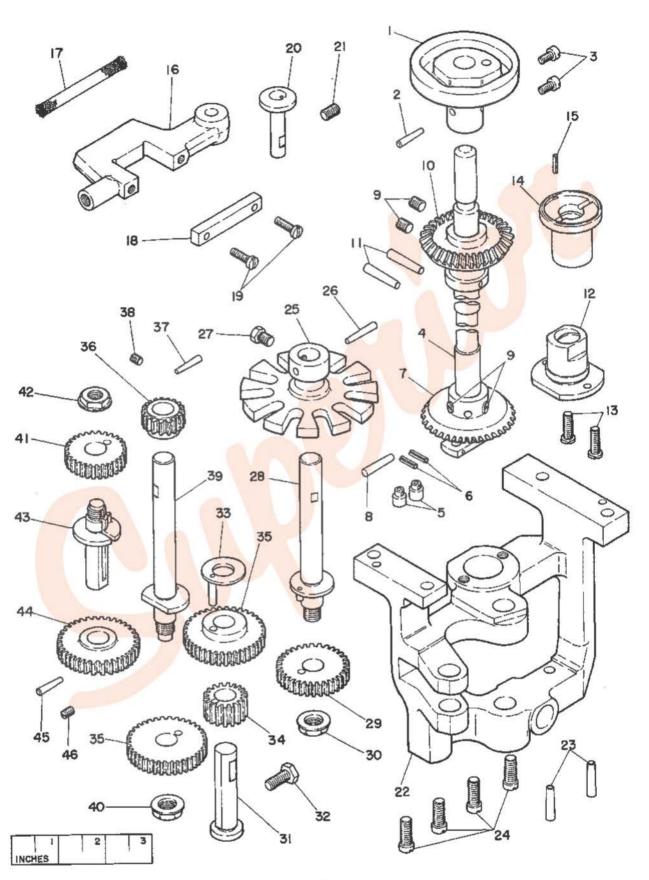
STOP LEVER LOCK LEVER STOP LEVER LINK CONNECTION, STOP LEVER OPERATING LEVER



INTERMITTENT FEED DRIVING WHEEL VERTICAL SHAFT, NEEDLE VIBRATING LEVER

	Part		Description
No.	No.		Description
1	*548328		Needle Thread Controller Cam with two 549098 (850)
2	548170		Needle Thread Controller Cam Position Pin
3	549098	(850)	Needle Thread Controller Cam Set Screw (2)
4	548552		Vertical Shaft with two each 548202 and 548831
5 6	548831		Intermittent Feed Driving Wheel Driving Stud (2)
6	548202		Intermittent Feed Driving Wheel Driving Stud Position Pin (2)
7	548553		Vertical Shaft Bevel Gear (lower) with two 504056 (830)
8	548038	20.022	Vertical Shaft Bevel Gear (lower) Position Pin
9	504056	(830)	Vertical Shaft Bevel Gear Set Screw (4)
10	548922		Vertical Shaft Bevel Gear (upper) with two 504056 (830)
11	548008		Vertical Shaft Bevel Gear (upper) Position Pin (2)
12	548555	(005)	Vertical Shaft Bushing (lower)
13	545233	(805)	Vertical Shaft Bushing (lower) Screw (2)
14	548973		Vertical Shaft Bushing (upper)
15 16	548492 548368		Vertical Shaft Bushing (upper) Locking Pin
17	548011		Needle Vibrating Lever with 548011
18	548369		Needle Vibrating Lever Oil Packing (wick) Needle Vibrating Lever Cap
19	545244	(805)	Needle Vibrating Lever Cap Screw (2)
20	548370	(000)	Needle Vibrating Lever Hinge Stud
21	545313	(803)	Needle Vibrating Lever Hinge Stud Set Screw
22	548200	(000)	Intermittent Feed Driving Wheel Bracket with 545276 (805)
23	548038		Intermittent Feed Driving Wheel Bracket Position Pin (2)
24	545148	(819)	Intermittent Feed Driving Wheel Bracket Screw (4)
25	548199	8	Intermittent Feed Driving Wheel with 545108 (833)
26	548203		Intermittent Feed Driving Wheel Position Pin
27	545108	(833)	Intermittent Feed Driving Wheel Set Screw
28	548204		Intermittent Feed Driving Wheel Shaft
29	**548717		Intermittent Feed Driving Wheel Shaft Gear (32 teeth)
30	545427	(803)	Intermittent Feed Driving Wheel Shaft Nut
31	548173		Feed Driving Gear Differential Shaft
32	545276	(805)	Feed Driving Gear Differential Shaft Lock Screw
33	548174		Feed Driving Gear Differential Shaft Washer
34	**548714		Feed Driving Gear Differential (18 teeth)
35	**548722		Feed Driving Gear Differential (38 teeth) (2)
36	548169		Feed Driving Gear (intermediate) with 504134 (850)
37	548170		Feed Driving Gear (intermediate) Position Pin
38 39	504134	(850)	Feed Driving Gear (intermediate) Set Screw
40	548171	(007)	Feed Driving Gear (intermediate) Shaft
41	545427 548504	(ova)	Feed Driving Gear (intermediate) Shaft Nut Stitch Regulating Gear (32 teeth)
42	545427	(803)	Stitch Regulating Gear Lock Nut
43	548508	(003)	Stitch Regulating Shaft
44	548509		Stitch Regulating Shaft Gear with 504134 (850)
45	548170		Stitch Regulating Shaft Gear Position Pin
46	504134	(850)	Stitch Regulating Shaft Gear Set Screw
- DA (5)	e-momiliaementilia	,	97777

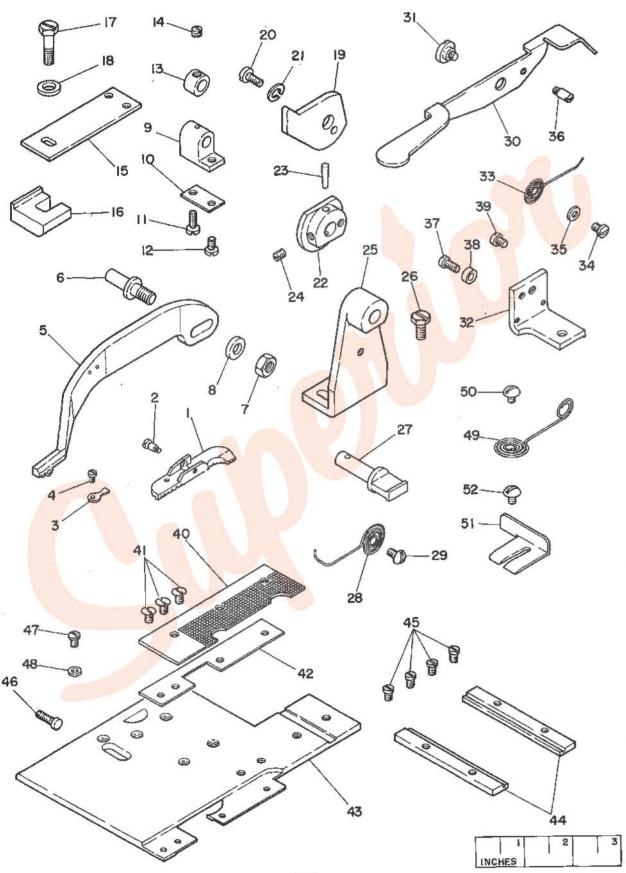
INTERMITTENT FEED DRIVING WHEEL VERTICAL SHAFT, NEEDLE VIBRATING LEVER



WORK CLAMP ARM (LEFT) WORK CLAMP BASE (LEFT), FINGER STARTING LEVER

Ref	. Part		
No.	No.		Description
1	*548601		Work Clamp Check (left)
2	545384	(809)	Work Clamp Check Hinge Screw
3	548603		Work Clamp Check Spring
4	545235	(803)	Work Clamp Check Spring Screw
5	544530	()	Work Clamp Arm (left)
6	548564		Work Clamp Arm Hinge Stud
7	545443	(803)	Work Clamp Arm Hinge Stud Nut
8		(603)	Work Clamp Arm Hinge Stud Washer
9			
			Work Clamp Arm Hinge Stud Bracket
10		(007)	Work Clamp Arm Hinge Stud Bracket Shim (0.010")
11	545307		Work Clamp Arm Hinge Stud Bracket Screw (inside)
12	504063	(825)	Work Clamp Arm Hinge Stud Bracket Screw (outside)
13		(050)	Work Clamp Arm Hinge Stud Collar with 504048 (850)
14		(850)	Work Clamp Arm Hinge Stud Collar Set Screw
	**548567		Work Clamp Arm Pressure Spring
16			Work Clamp Arm Pressure Spring Block (left)
17		(803)	Work Clamp Arm Pressure Spring Screw
18			Work Clamp Arm Pressure Spring Screw Washer
19		1.0210.02	Work Clamp Opening Lever (adjustable)
20		(810)	Work Clamp Opening Lever (adjustable) Screw
21			Work Clamp Opening Lever (adjustable) Screw Washer
22	548561		Work Clamp Arm Closing Cam
23	548226		Work Clamp Arm Closing Cam Position Pin
24		(850)	Work Clamp Arm Closing Cam Screw
25	548559		Work Clamp Arm Bracket
26	545371	(803)	Work Clamp Arm Bracket Screw
27	\$48604		Work Clamp Closing Cam Connecting Shaft
28	548570		Work Clamp Arm Spring (left)
29	545299	(803)	Work Clamp Arm Spring Screw
30	548187		Finger Starting Lever
31	545279	(806)	Finger Starting Lever Hinge Screw
32	548188		Finger Starting Lever Bracket
33	548194		Finger Starting Lever Spring
34		(803)	Finger Starting Lever Spring Screw
35	548167		Finger Starting Lever Spring Screw Washer
36	545280	(803)	Finger Starting Lever Spring Stud Screw
37	504051		Finger Starting Lever Stop Screw (long)
38	548195		Finger Starting Lever Stop Screw (long) Washer
39			Finger Starting Lever Stop Screw (short)
40	*548575	()	Work Clamp Base Clamping Plate (left)
41	545373	(805)	Work Clamp Base Clamping Plate Screw (3)
42	548577	(000)	Work Clamp Base Clamping Plate Shim
43			Work Clamp Base (left)
44			Work Clamp Base Adjusting Gib (2)
45			Work Clamp Base Adjusting Gib Screw (4)
46			Work Clamp Base Spread Adjusting Screw
47			Work Clamp Base Spread Adjusting Screw Lock Screw
48		(coo)	
40	3403/9		Work Clamp Base Spread Adjusting Screw Lock Screw Washer
49	E40E00		(nylon)
50		(907)	Work Clamp Base Spring (left)
51		(003)	Work Clamp Base Spring Screw
52	548900	(907)	Work Clamp Position Gauge (left)
32	545299	(003)	Work Clamp Position Gauge Screw

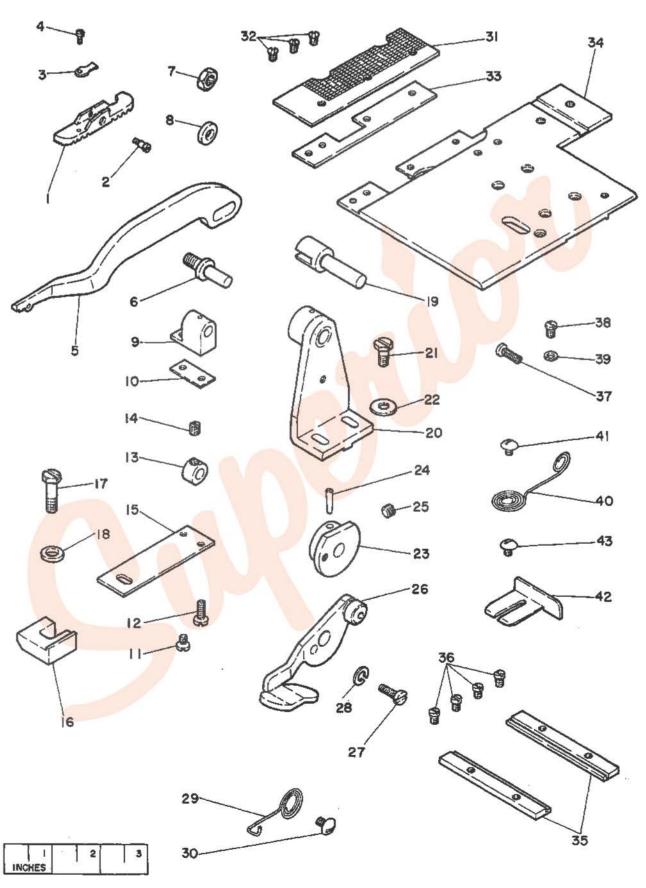
WORK CLAMP ARM (LEFT) WORK CLAMP BASE (LEFT), FINGER STARTING LEVER



WORK CLAMP ARM (RIGHT), WORK CLAMP BASE (RIGHT)

Ref	. Part			
No.	No.			Description
1	*544531			Check (right)
2	545384	(809)		Check Hinge Screw
3	548603	19001212120401		Check Spring
4	545235	(803)		Check Spring Screw
5	548558			Arm (right)
6	548564			Arm Hinge Stud
7	545443	(803)		Arm Hinge Stud Nut
8	548480			Arm Hinge Stud Washer
9	548565			Arm Hinge Stud Bracket
10	548797	(807)		Arm Hinge Stud Bracket Shim (0.010")
11	545307			Arm Hinge Stud Bracket Screw (inside)
12	504063	(825)		Arm Hinge Stud Bracket Screw (outside)
13 14	548566	(050)		Arm Hinge Stud Collar with 504048 (850)
15	504048 **548567	(050)		Arm Brassure Spring
16	548569			Arm Pressure Spring Block (right)
17	545372	(803)		Arm Pressure Spring Screw
18	548480	(005)		Arm Pressure Spring Screw Washer
19	548563			Arm Connecting Shaft
20	548559			Arm Bracket
21	545371	(803)		Arm Bracket Screw
22	548480	(000)	[H. [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	Arm Bracket Screw Washer
23	548561			Arm Closing Cam
24	548226			Arm Closing Cam Position Pin
25	504134	(850)		Arm Closing Cam Screw
26	548606			Closing Lever (hand)
27	504084	(810)		Closing Lever (hand) Screw
28	546698	58-500 St. 198-1	The state of the same of the same of the state of the same of the	Closing Lever (hand) Screw Washer
29	548571			Arm Spring (right)
30	545299	(803)	CACALL CONTRACTOR OF THE CACALLE CONTRACTOR	Arm Spring Screw
31	*548576		Work Clamp	Base Clamping Plate (right)
32	545373	(805)	Work Clamp	Base Clamping Plate Screw (3)
33	548577			Base Clamping Plate Shim
34	548573			Base (right)
35	548574			Base Adjusting Gib (2)
36	549027			Base Adjusting Gib Screw (4)
37	545374	10.70		Base Spread Adjusting Screw
38	545375	(803)		Base Spread Adjusting Screw Lock Screw
39	548579			Base Spread Adjusting Screw Lock Screw Washer
4.0			(nylon)	
40	548581	(007)		Base Spring (right)
41	545299	(803)		Base Spring Screw
42	548901	(007)		Position Gauge (right)
43	545299	(803)	work Clamp	Position Gauge Screw

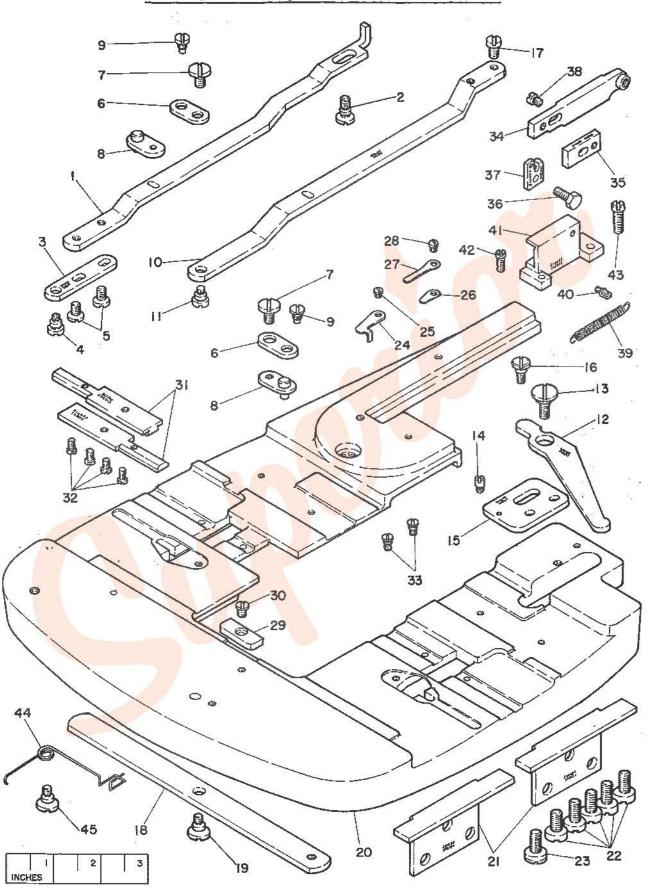
WORK CLAMP ARM (RIGHT), WORK CLAMP BASE (RIGHT)



WORK CLAMP CARRIER, WORK CLAMP SPREADER LEVER

No. No. Description	Ref	. Part		
1	No.	No.		Description
2				
S48641		548640		
S45393 (803)	2		(803)	
Screw	3			
S	4	545393	(803)	
6 548645 Work Clamp Spreader Toggle Pivot Link (2) 7 545396 (803) Work Clamp Spreader Toggle Sliding Link (2) 9 545397 (803) Work Clamp Spreader Toggle Sliding Link (2) 10 548642 Work Clamp Spreader Toggle Sliding Link Hinge Screw (2) 11 545393 (803) Work Clamp Spreader Operating Slide (right) Hinge Screw Work Clamp Plate Hand Spreading Lever Hinge Screw Work Clamp Plate Hand Spreading Lever Hinge Screw Work Clamp Plate Hand Spreading Lever Hinge Screw Work Clamp Spreading and Unspreading Plate Adjustable Guide Screw 15 545394 (803) Work Clamp Spreading and Unspreading Plate Adjustable Guide Screw 17 545398 (805) Work Clamp Spreader Intermediate Lever 18 548647 Work Clamp Spreader Intermediate Lever 19 545394 (803) Work Clamp Spreader Intermediate Lever 19 545260 (806) Work Clamp Carrier Gib C2 20 548533 Work Clamp Carrier Gib Screw 21 548590 Work Clamp Carrier Gib Screw 22 545380 (803) Work Clamp Carrier Gib Screw 24 **232271 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Co				
7			(809)	
S				Work Clamp Spreader Toggle Pivot Link (2)
9 545397 (803) Work Clamp Spreader Toggle Sliding Link Hinge Screw (2) Work Clamp Spreader Operating Slide (right) 11 545393 (803) Work Clamp Plate Hand Spreading Lever 12 548632 Work Clamp Plate Hand Spreading Lever Hinge Screw 13 545395 (803) Work Clamp Plate Hand Spreading Lever Hinge Screw 14 *545395 (803) Work Clamp Plate Hand Spreading Lever Hinge Screw 15 548647 Work Clamp Plate Hand Spreading Lever Hinge Screw 16 545394 (803) Work Clamp Plate Hand Spreading Lever Stop Screw 17 545398 (805) Work Clamp Spreading and Unspreading Plate Adjustable Guide Screw 18 548634 Work Clamp Spreading and Unspreading Plate Adjustable Screw 19 545260 (806) Work Clamp Spreader Intermediate Lever 19 545260 (806) Work Clamp Spreader Intermediate Lever Hinge Screw 20 548583 Work Clamp Carrier 21 548590 Work Clamp Carrier Gib Screw 22 545380 (803) Work Clamp Carrier Gib Screw 23 549179 (806) Work Clamp Carrier Gib Screw 24 **232272 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Cord Cutter 26 **232271 Looper Thread and Cord Clamping Spring (short) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Work Clamp Base Stop 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop 31 548578 Work Clamp Base Stop 32 549627 (850) Work Clamp Base Slide (2) 33 545376 (805) Work Clamp Base Slide (2) 34 *548635 Work Clamp Spreader Lever Work Clamp Spreader Lever 36 *545390 (805) Work Clamp Spreader Lever Adjusting Plate 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Screw 39 *548638 Work Clamp Spreader Lever Adjusting Plate Screw 30 *548639 Work Clamp Spreader Lever Adjusting Plate Screw 31 *548638 Work Clamp Spreader Lever Adjusting Plate Screw 32 *548639 Work Clamp Spreader Lever Adjusting Plate Screw 33 *545390 (805) Work Clamp Spreader Lever Spring Screw Eye 34 *545290 (805) Work Clamp Spreader Lever Spring Screw (front) 34 *548638 Work Clamp Spreader Lever Spring Screw (front) 35 *548639 Work Clamp Spreader Lev			(803)	
10				
11			(803)	
12			4 m m m t	
13			(803)	
**545395 (803) Work Clamp Plate Hand Spreading Lever Stop Screw			(007)	
15				
S45394 (803)			(803)	
Screw			(002)	
17	16	545394	(803)	
18	17	E 4 E 70 B	(005)	
19 545260 (806) Work Clamp Spreader Intermediate Lever Hinge Screw 20 548583 Work Clamp Carrier 21 548590 Work Clamp Carrier Gib (2) 22 545380 (803) Work Clamp Carrier Gib Screw 23 549179 (806) Work Clamp Carrier Gib Screw 24 **232272 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Cord Cutter Screw 26 **232271 Looper Thread and Cord Clamping Spring (short) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Slide Screw (4) 34 *548635 Work Clamp Spreader Lever Adjusting Plate 35 *548636 Work Clamp Spreader Lever Adjusting Plate Screw 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Work Clamp Spreader Lever Spring 40 *548638 Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (front) 45 *545259 (805) Work Clamp Spreader Lever Bracket Screw (front)			(802)	
20			(006)	
21			(800)	
22 545380 (803) Work Clamp Carrier Gib Screw (5) 23 549179 (806) Work Clamp Carrier Gib Screw 24 **232272 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Cord Clamping Spring (short) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Spring Screw Stud (2) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Spring 40 *5485391 (805) Work Clamp Spreader Lever Spring Screw Eye Work Clamp Spreader Lever Bracket <td< td=""><td></td><td></td><td></td><td></td></td<>				
23 549179 (806) Work Clamp Carrier Gib Screw 24 **232272 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Cord Clamping Spring (short) 26 **232271 Looper Thread and Cord Clamping Spring (long) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Slide (2) 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Base Spring Screw Stud (2) 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Work Clamp Spreader Lever Adjusting Plate Screw Washer 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Work Clamp Spreader Lever Spring Screw Eye 39 *548639 Work Clamp Spreader Lever Spring Screw Eye 40 *545392 (805) Work Clamp Spreader Lever Bracket 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(803)	
**232272 Looper Thread and Cord Cutter 25 **549209 (805) Looper Thread and Cord Cutter Screw 26 **232271 Looper Thread and Cord Clamping Spring (short) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide (2) 32 545027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 39 *548639 Work Clamp Spreader Lever Adjusting Plate Screw 40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)				
**549209 (805) Looper Thread and Cord Cutter Screw Looper Thread and Cord Clamping Spring (short) Looper Thread and Cord Clamping Spring (long) **548103 Looper Thread and Cord Clamping Spring (long) Looper Thread and Cord Clamping Spring Screw **549209 (805) Looper Thread and Cord Clamping Spring Screw Work Clamp Base Stop **548582 Work Clamp Base Stop **548578 Work Clamp Base Slide (2) **548578 Work Clamp Base Slide (2) **545027 (850) Work Clamp Base Slide Screw (4) **545376 (805) Work Clamp Base Spring Screw Stud (2) **548635 Work Clamp Spreader Lever Adjusting Plate **548636 Work Clamp Spreader Lever Adjusting Plate Screw Work Clamp Spreader Lever Spring **548639 Work Clamp Spreader Lever Spring Screw Eye **548638 Work Clamp Spreader Lever Bracket **5485391 (805) Work Clamp Spreader Lever Bracket Screw (front) **545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(000)	
26 **232271 Looper Thread and Cord Clamping Spring (short) 27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Base Spring Screw Stud (2) 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Work Clamp Spreader Lever Adjusting Plate Screw Washer 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 39 *548639 Work Clamp Spreader Lever Adjusting Plate Stop Screw 40 *545392 (805) Work Clamp Spreader Lever Spring 40 *545391 (805) Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(805)	
27 **548103 Looper Thread and Cord Clamping Spring (long) 28 **549209 (805) Looper Thread and Cord Clamping Spring Screw 29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 39 *548639 Work Clamp Spreader Lever Adjusting Plate Stop Screw 39 *548639 Work Clamp Spreader Lever Spring 40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(000)	
**549209 (805) Looper Thread and Cord Clamping Spring Screw 548582 Work Clamp Base Stop 549181 (803) Work Clamp Base Stop Screw Work Clamp Base Stop Screw Work Clamp Base Slide (2) 548578 Work Clamp Base Slide Screw (4) 548578 Work Clamp Base Slide Screw (4) 5548576 (805) Work Clamp Base Spring Screw Stud (2) 5548635 Work Clamp Spreader Lever Adjusting Plate 5548636 Work Clamp Spreader Lever Adjusting Plate Screw 5548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 5548639 Work Clamp Spreader Lever Adjusting Plate Screw Washer 5548639 Work Clamp Spreader Lever Adjusting Plate Stop Screw 5548639 Work Clamp Spreader Lever Spring 40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)				
29 548582 Work Clamp Base Stop 30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide Screw (4) 32 549027 (850) Work Clamp Base Spring Screw Stud (2) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever Adjusting Plate 35 *548636 Work Clamp Spreader Lever Adjusting Plate Screw 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Spring 40 *548392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(805)	
30 549181 (803) Work Clamp Base Stop Screw 31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw 39 *548639 Work Clamp Spreader Lever Spring 40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(000)	
31 548578 Work Clamp Base Slide (2) 32 549027 (850) Work Clamp Base Slide Screw (4) 33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever Adjusting Plate 35 *548636 Work Clamp Spreader Lever Adjusting Plate Screw 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw 39 *548639 Work Clamp Spreader Lever Spring 40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(803)	
549027 (850) Work Clamp Base Slide Screw (4) 545376 (805) Work Clamp Base Spring Screw Stud (2) 54 *548635 Work Clamp Spreader Lever 55 *548636 Work Clamp Spreader Lever Adjusting Plate 65 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw 66 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw Washer 77 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 78 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw 79 *548639 Work Clamp Spreader Lever Spring 70 *548639 Work Clamp Spreader Lever Spring Screw Eye 71 *548638 Work Clamp Spreader Lever Bracket 72 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 73 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			()	
33 545376 (805) Work Clamp Base Spring Screw Stud (2) 34 *548635 Work Clamp Spreader Lever 35 *548636 Work Clamp Spreader Lever Adjusting Plate 36 *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw 37 *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer 38 *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw 39 *548639 Work Clamp Spreader Lever Spring 40 *548392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(850)	
*548635 Work Clamp Spreader Lever Adjusting Plate *548636 Work Clamp Spreader Lever Adjusting Plate *548637 Work Clamp Spreader Lever Adjusting Plate Screw *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer *548639 Work Clamp Spreader Lever Adjusting Plate Stop Screw *548639 Work Clamp Spreader Lever Spring *548639 Work Clamp Spreader Lever Spring Screw Eye *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket Screw (front) *548639 Work Clamp Spreader Lever Bracket Screw (rear)				
*548636 Work Clamp Spreader Lever Adjusting Plate *545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer *548639 Work Clamp Spreader Lever Adjusting Plate Stop Screw *548639 Work Clamp Spreader Lever Spring *548639 Work Clamp Spreader Lever Spring Screw Eye *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket Screw (front) *548639 Work Clamp Spreader Lever Bracket Screw (front) *548638 Work Clamp Spreader Lever Bracket Screw (front)				
*545289 (805) Work Clamp Spreader Lever Adjusting Plate Screw *548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw *548639 Work Clamp Spreader Lever Spring *548639 Work Clamp Spreader Lever Spring Screw Eye *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket Screw (front) *548639 Work Clamp Spreader Lever Bracket Screw (rear)		*548636		
*548637 Work Clamp Spreader Lever Adjusting Plate Screw Washer *545390 (805) Work Clamp Spreader Lever Adjusting Plate Stop Screw *548639 Work Clamp Spreader Lever Spring *548639 Work Clamp Spreader Lever Spring Screw Eye *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket *548638 Work Clamp Spreader Lever Bracket Screw (front) *548639 Work Clamp Spreader Lever Bracket Screw (front) *548639 Work Clamp Spreader Lever Bracket Screw (rear)	36	*545289	(805)	
39 *548639 Work Clamp Spreader Lever Spring 40 *548392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *548391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *548259 (805) Work Clamp Spreader Lever Bracket Screw (rear)	37	*548637	(i)	
40 *545392 (805) Work Clamp Spreader Lever Spring Screw Eye 41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)	38	*545390	(805)	
41 *548638 Work Clamp Spreader Lever Bracket 42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)		*548639		
42 *545391 (805) Work Clamp Spreader Lever Bracket Screw (front) 43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)			(805)	Work Clamp Spreader Lever Spring Screw Eye
43 *545259 (805) Work Clamp Spreader Lever Bracket Screw (rear)				
			(805)	
44 548994 Work Clamp Spreader Intermediate Lever Spring				
45 545260 (806) Work Clamp Spreader Intermediate Lever Spring Hinge Screw	45	545260	(806)	Work Clamp Spreader Intermediate Lever Spring Hinge Screw

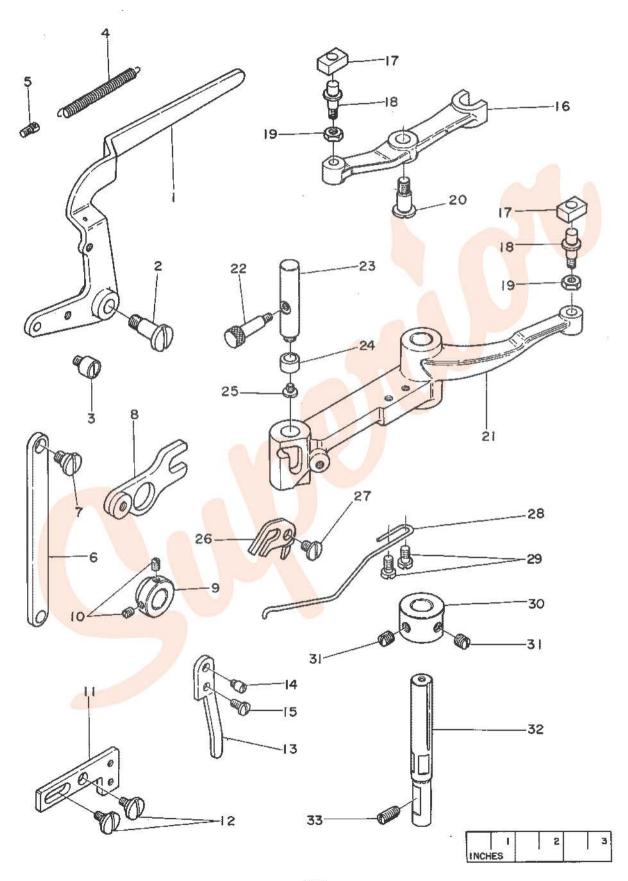
WORK CLAMP CARRIER, WORK CLAMP SPREADER LEVER



WORK CLAMP CARRIER SIDE THROW LEVER WORK CLAMP OPENING LEVER OPERATING LEVER

Ref.	Part		
No.	No.		Description
1	548627		Work Clamp Opening Lever Operating Lever
2	545159	(803)	Work Clamp Opening Lever Operating Lever Hinge Screw
3	*548654	1.500-0.005.0	Work Clamp Opening Lever Operating Lever Roller and Stud
4	548151		Work Clamp Opening Lever Operating Lever Spring
5	545264	(804)	Work Clamp Opening Lever Operating Lever Spring Screw Eye
6	*548625		Work Clamp Opening Lever (adjustable) Lever Link
7	*545367	(803)	Work Clamp Opening Lever (adjustable) Lever Link Hinge Screw
8	*548628		Work Clamp Opening Lever Operating Lever (intermediate)
9	*548629		Work Clamp Opening Lever Operating Lever (intermediate)
			Bushing with two 504134 (850)
10	*504134	(850)	Work Clamp Opening Lever Operating Lever (intermediate)
		(C)	Bushing Screw (2)
11	548643		Work Clamp Spreader Releaser
12	545260	(806)	Work Clamp Spreader Releaser Hinge Screw (2)
13	548644		Work Clamp Spreader Releaser Lever Adjustable
14	545395	(803)	Work Clamp Spreader Releaser Lever Adjustable Hinge Screw
15	504063		Work Clamp Spreader Releaser Lever Adjustable Screw
16	548594		Work Clamp Carrier Side Throw Lever (rear)
17	548595		Work Clamp Carrier Side Throw Lever Block (2)
18	548596		Work Clamp Carrier Side Throw Lever Block Stud (2)
19	545436	(805)	Work Clamp Carrier Side Throw Lever Block Stud Nut (2)
20	545381		Work Clamp Carrier Side Throw Lever (rear) Hinge Screw
21	548591		Work Clamp Carrier Side Throw Lever (front)
22	545383	(850)	Work Clamp Carrier Side Throw Lever Lock Pin Screw Stud
23	548597		Work Clamp Carrier Side Throw Lever Lock Pin
24	548598		Work Clamp Carrier Side Throw Lever Lock Pin Roller
25	545379	(805)	Work Clamp Carrier Side Throw Lever Lock Pin Roller Cap Screw
26	548599		Work Clamp Carrier Side Throw Lever Lock Pin Safety Lever
27	545396	(803)	Work Clamp Carrier Side Throw Lever Lock Pin Safety Lever
			Hinge Screw
28	548607		Work Clamp Carrier Side Throw Lever Lock Pin Spring
29	504084	(810)	Work Clamp Carrier Side Throw Lever Lock Pin Spring Screw (2)
30	548593		Work Clamp Carrier Side Throw Lever (front) Hinge Stud Collar
			with two 504029 (833)
31	504029	(833)	Work Clamp Carrier Side Throw Lever (front) Hinge Stud Collar
		, , , ,	Set Screw (2)
32	548592		Work Clamp Carrier Side Throw Lever (front) Hinge Stud
33	545382	(803)	Work Clamp Carrier Side Throw Lever (front) Hinge Stud Set
		,,	Screw

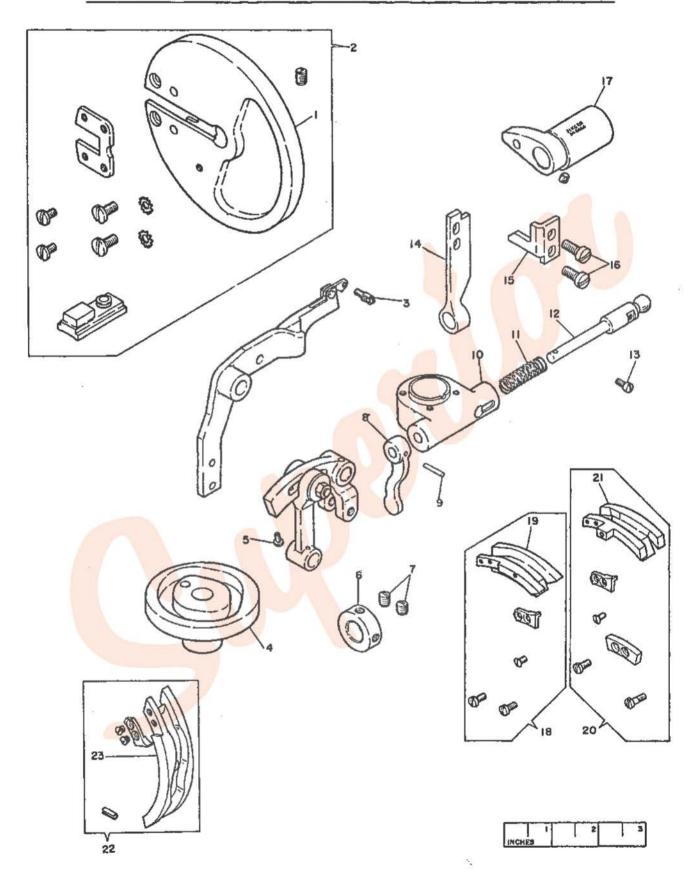
WORK CLAMP CARRIER SIDE THROW LEVER WORK CLAMP OPENING LEVER OPERATING LEVER



KNIFE, CUTTING DRIVING WHEEL, CUTTING STARTING LEVER TRIP CARRIER NEEDLE THREAD CONTROLLER CAM, PATTERN WHEEL CAM BLOCKS

Ref	. Part		
No.	No.		Description
1	548664		Buttonhole Cutting Driving Wheel
2	548663		Buttonhole Cutting Driving Wheel 548664 with 545232 (830),
			545240 (805), 548059 to 548062, two each 545241 (803),
220	220000000000000	KENDERS DIE	545242 (805) and 548063
3	545264	(804)	Buttonhole Cutting Safety Lever Latch Spring Eyelet (2)
4	548832		Needle Thread Controller Cam with two 549098 (850)
5	549013	(805)	Needle Vibrating Adjusting Stud Stop Screw
6	548428		Pattern Wheel Shaft Collar with two 504056 (830)
7	504056	(830)	Pattern Wheel Shaft Collar Set Screw (2)
8	548672		Buttonhole Cutting Starting Lever Trip Plate Carrier Hand Trip
9	548383		Buttonhole Cutting Starting Lever Trip Plate Carrier Hand
			Trip Pin
10	548670		Buttonhole Cutting Starting Lever Trip Plate Carrier
11	548622		Buttonhole Cutting Starting Lever Trip Plate Carrier Hand
			Trip Spring
12	548671		Buttonhole Cutting Starting Lever Trip Plate Carrier Stud
13	549012	(805)	Buttonhole Cutting Starting Lever Trip Plate Carrier Stud
			Screw
14	548668		Buttonhole Cutting Starting Lever Plate
15			Buttonhole Cutting Starting Lever Plate Extension
	549011	(805)	Buttonhole Cutting Starting Lever Plate Extension Screw (2)
17	548666		Buttonhole Cutting Lever (lower) Cam with 504028 (850)
18	**548983		Pattern Wheel Cam Block (1st side) (1/4" max.) complete, Nos.
			548391, 548801, 549191 and two 545138
	**548801		Pattern wheel Cam Block (1st side)
20	**548984		Pattern Wheel Cam Block (2nd side) (1/4" max.) complete, Nos.
			545138, 545332, 548391, 548394, 548396 and 549191
	**548394		Pattern Wheel Cam Block (2nd side)
22	**548978		Pattern Wheel Cam Block (eye) (.140 x .190) 548389 with
			548391, 548492 and two 549191
23	**548389		Pattern Wheel Cam Block (eye) (.140 x .190)

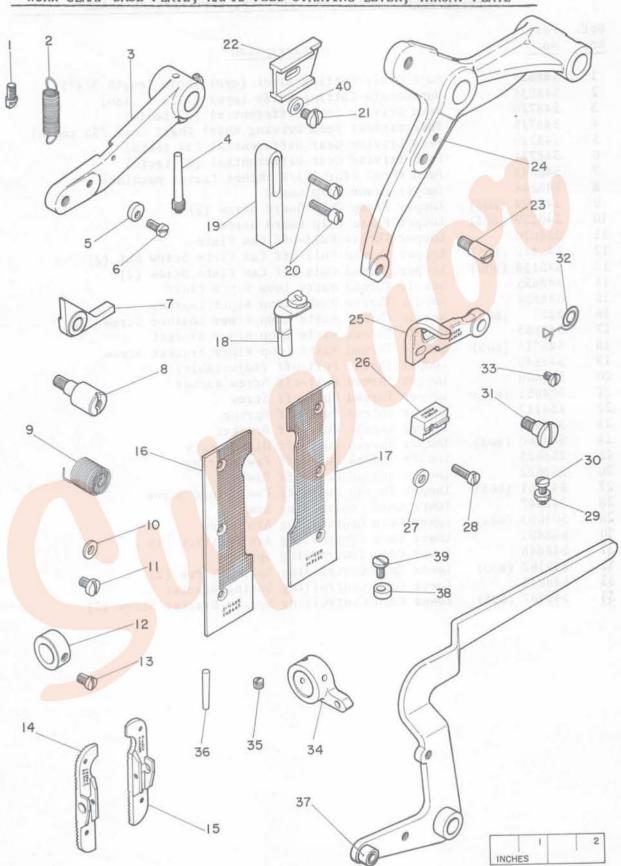
KNIFE, CUITING DRIVING WHEEL, CUTTING STARTING LEVER TRIP CARRIER NEEDLE THREAD CONTROLLER CAM, PATTERN WHEEL CAM BLOCKS



WORK CLAMP CLOSING LEVER, WORK CLAMP OPENING CAM, WORK CLAMP CHECK, WORK CLAMP BASE PLATE, RAPID FEED STARTING LEVER, THROAT PLATE

Ref.	Part		
No.	No.		Description
1	545264	(804)	Rapid Feed Starting Lever Spring Screw Eye
2	548474		Rapid Feed Starting Lever Spring
3	548676		Rapid Feed Starting Lever with 545246 (803)
4	548186		Rapid Feed Starting Lever Position Pin
5	548679		Rapid Feed Starting Lever Latch Stop Washer
6	545093	(803)	그렇게 그래가 어려면 하는 아이들은 이렇게 하는 아이들이 아이들이 그렇게 하는 것이 없다.
7	548677	,	Rapid Feed Starting Lever Latch
8	549014	(803)	
9	548678		Rapid Feed Starting Lever Latch Spring
10	548167		Rapid Feed Starting Lever Latch Spring Screw Washer
11	545307	(803)	
12	548681		Rapid Feed Starting Lever Shaft Collar with 545390 (805)
13	545390	(805)	
14	**548687		Work Clamp Check (left)
15	**544532		Work Clamp Check (right)
16	**548685		Work Clamp Base Clamping Plate (left)
17	**548686		Work Clamp Base Clamping Plate (right)
18	544544	05	Throat Plate (0.8 mm gimp hole)
19	548683		Stop Lever Lock Stop Adjustable
20	545303	(805)	
21	504084	(810)	
22	548682		Stop Lever Lock Lever Trip
23	549015	(803)	Rapid Feed Starting Lever Operating Screw Stud
24	548689		Work Clamp Closing Lever
25	548692		Work Clamp Spreader Operating Pawl
26	548693		Work Clamp Spreader Operating Pawl Adjusting Block
27	548167		Work Clamp Spreader Operating Pawl Adjusting Block Screw
			Washer
28	545306		Work Clamp Spreader Operating Pawl Adjusting Block Screw
29	545437		
30	545391		그는 그 그는 그 그는 그 그 그 그는 그는 그는 그는 그는 그는 그는
31	549017		
32	548694		Work Clamp Spreader Operating Pawl Spring
33	549018		
34	548690		Work Clamp Opening Cam with 549016 (803)
35	549016	(803)	Work Clamp Opening Cam Set Screw
36	548691		Work Clamp Opening Cam Position Pin
37	548885		Work Clamp Opening Lever Operating Lever Roller and Stud
38	548773		Work Clamp Plate Hand Spreading Lever Stop Washer
39	545314	(803)	Work Clamp Plate Hand Spreading Lever Stop Washer Screw
40	548061		Stop Lever Lock Lever Trip Screw Washer

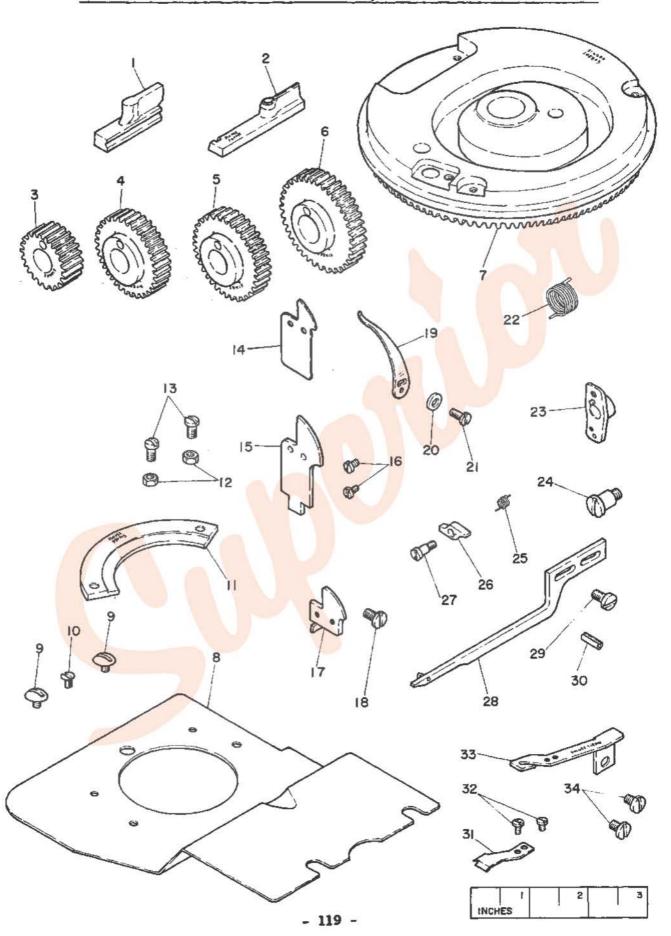
WORK CLAMP CLOSING LEVER, WORK CLAMP OPENING CAM, WORK CLAMP CHECK WORK CLAMP BASE PLATE, RAPID FEED STARTING LEVER, THROAT PLATE



FEED WHEEL, LOOPER THREAD PULL-OFF, LOWER CORD CONTROLLING SPRING NEEDLE THREAD WASTE LOOP REMOVER, DIFFERENTIAL GEARS

Ref.	Part	
No.	No.	Description
		makes and the state of the stat
1	548837	Buttonhole Cutting Block (eye) (hole length 3/4")
2	548935	Buttonhole Cutting Knife (eye) (.126 x .180)
3 4 5 6	548716	Feed Driving Gear Differential (22 teeth)
4	548718	Intermittent Feed Driving Wheel Shaft Gear (33 teeth)
5	548719	Feed Driving Gear Differential (34 teeth)
6	548721	Feed Driving Gear Differential (37 teeth)
7	548843	Feed Wheel (for 1-1/8 inches travel machine)
8	548844	Looper Frame Chip Guard
9	545299 (803)	Looper Frame Chip Guard Screw (2)
10	549159 (803)	Looper Frame Chip Guard Screw
11	254070	Looper Thread Pull-off Cam Plate
12	545442 (805)	Looper Thread Pull-off Cam Plate Screw Nut (2)
13	545138 (809)	Looper Thread Pull-off Cam Plate Screw (2)
14	548855	Needle Thread Waste Loop Wiper Plate
15	548854	Needle Thread Waste Loop Wiper Leather
16	229 (809)	Needle Thread Waste Loop Wiper Leather Screw (2)
17	548853	Needle Thread Waste Loop Wiper Bracket
	545314 (805)	Needle Thread Waste Loop Wiper Bracket Screw
19	548845	Looper Thread Pull-off (adjustable)
20	548406	Looper Thread Pull-off Screw Washer
21	504051 (850)	Looper Thread Pull-off Screw
22	254112	Looper Thread Pull-off Spring
	548846	Looper Thread Pull-off Bracket
24	549160 (803)	Looper Thread Pull-off Hinge Screw
25	253623	Looper Thread Pull-off Pawl Spring
	253622	Looper Thread 'Pull-off Pawl
27	549161 (803)	Looper Thread Pull-off Pawl Hinge Screw
28	548847	Lower Cord Controlling Arm
29	504063 (825)	Lower Cord Controlling Arm Screw
30	548492	Lower Cord Controlling Arm Position Pin
31		Lower Cord Controlling Spring
32		Lower Cord Controlling Spring Screw (2)
33	548849	Lower Cord Controlling Spring Bracket
34	545307 (805)	Lower Cord Controlling Spring Bracket Screw (2)

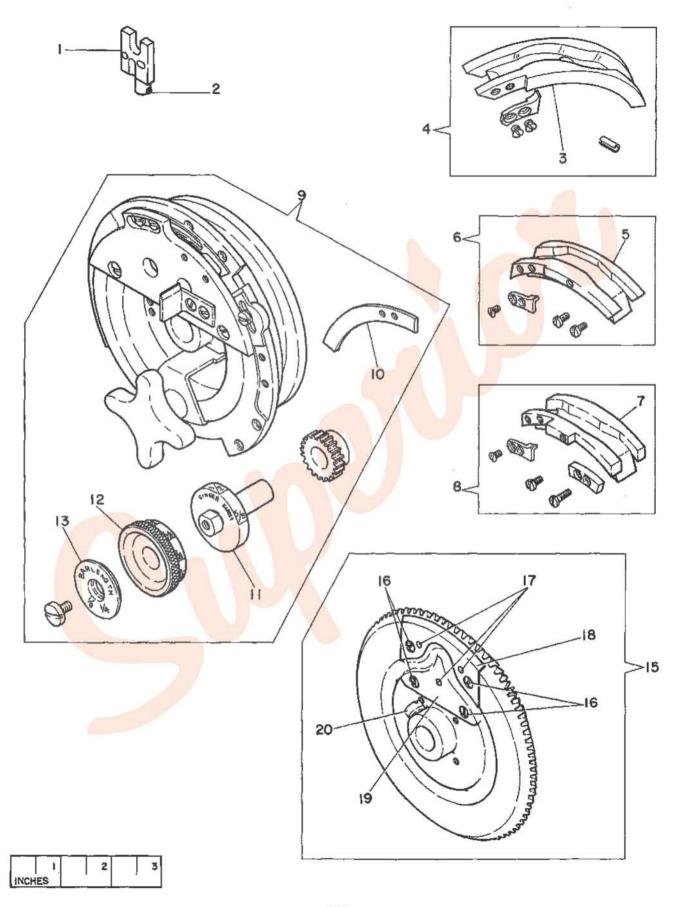
FEED WHEEL, LOOPER THREAD PULL-OFF, LOWER CORD CONTROLLING SPRING NEEDLE THREAD WASTE LOOP REMOVER, DIFFERENTIAL GEARS



PATTERN WHEEL, PATTERN WHEEL SHAFT GEAR

Ref. No.	Part No.	Description
	F 48900	N11- H-11
1	548898	Needle Holder with 545292 (803)
2	545292 (803)	Needle Set Screw
4	548857	Pattern Wheel Cam Block (eye) (.140 x .190)
7-25	548981	Pattern Wheel Cam Block (eye) (.140 x .190) 548857 with 548391, 548492 and two 549191
5	548393	Pattern Wheel Cam Block (1st side) (1/4" max.)
6	548989	Pattern Wheel Cam Block (1st side) (1/4" max.) complete, Nos. 548391, 548393, 549191 and two 545138
7	548395	Pattern Wheel Cam Block (2nd side) (1/4" max.)
8	548990	Pattern Wheel Cam Block (2nd side) (1/4" max.) complete, Nos. 545138, 545332, 548391, 548395, 548396 and 549191
9	548899	Pattern Wheel 548384 with 545333 (805), 545347 (803), 545447
		(728), 548226, 548385 to 548387, 548397, 548402 to 548405,
		548407 to 548409, 548411, 548859 to 548862, two each 504110
		(819), 545334 (805), three each 545138 (809), 545314 (803),
10	F40060	545330 (803), 548388 and 548406
10 11	548862	Pattern Wheel Ring Start Block Adjustable Pattern Wheel Index Disc
	548859	
12 13	548860	Pattern Wheel Index Disc (bar)
13	548861	Pattern Wheel Index Disc (bar) Washer
15	548863	Pattern Wheel Shaft Bevel Gear complete, Nos. 253656, 253657, three 548870 and four 549181 (803), with 545335 (804)
16	549181 (803)	Thread and Cord Cutting Driving Lever Cam Groove Protector Screw (4)
17	548870	Thread and Cord Cutting Driving Lever Cam Groove Protector
		Position Pin (3)
18	253657	Thread and Cord Cutting Driving Lever Cam Groove Protector (outside)
19	253656	Thread and Cord Cutting Driving Lever Cam Groove Protector (inside)
20	545335 (804)	Pattern Wheel Shaft Bevel Gear Set Screw
	2,2000 (004)	The part miles and a policy of the part of

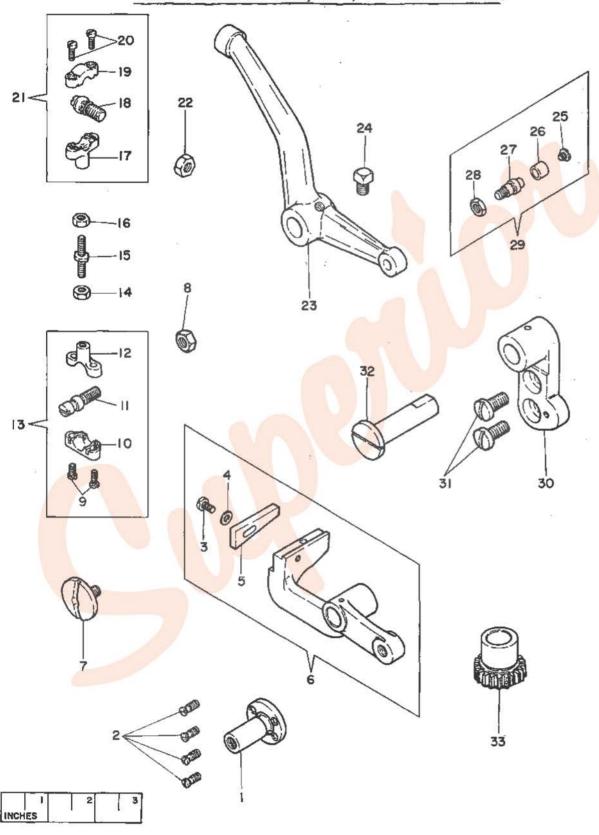
PATTERN WHEEL, PATTERN WHEEL SHAFT GEAR



THREAD AND CORD CUTTING LEVER STITCH REGULATING GEAR, RAPID FEED DRIVING GEAR

Ref.	Part		
No.	No.		Description
1	548874		Thread and Cord Cutting Lever Bracket
2 `	545301		Thread and Cord Cutting Lever Bracket Screw (4)
3	504063	(852)	Thread and Cord Cutting Blade Bracket Adjusting Plate Screw
4.	548167		Thread and Cord Cutting Blade Bracket Adjusting Plate Screw Washer
5	253693		Thread and Cord Cutting Blade Bracket Adjusting Plate
6	548873		Thread and Cord Cutting Lever with 253693, 504063 (852) and 548167
7 .	545257	(819)	Thread and Cord Cutting Lever Cap Screw
8	545424	(805)	Thread and Cord Cutting Lever Connection End Bearing (lower)
		3 (5)	Ball Screw Nut
9	545325	(803)	Thread and Cord Cutting Lever Connection End Bearing (lower)
	Ž.	*	Cap Screw (2)
10	548363		Thread and Cord Cutting Lever Connection End Bearing (lower) Cap
11	545323	(803)	Thread and Cord Cutting Lever Connection End Bearing (lower) Ball Screw
12	548361		Thread and Cord Cutting Lever Connection End Bearing (lower)
13	548362		Thread and Cord Cutting Lever Connection End Bearing (lower)
7.5			548361 with 545323 (803), 548363 and two 545325 (803)
14	545425	(803)	Thread and Cord Cutting Lever Connection End Bearing (lower) Check Nut
15	548875		Thread and Cord Cutting Lever Connection
16	545426		Thread and Cord Cutting Lever Connection End Bearing (upper)
100			Check Nut
17	548364		Thread and Cord Cutting Lever Connection End Bearing (upper)
18	545274		Thread and Cord Cutting Lever Connection End Bearing (upper)
	* /		Ball Screw
19	548367		Thread and Cord Cutting Lever Connection End Bearing (upper)
20	545325	(803)	Thread and Cord Cutting Lever Connection End Bearing (upper)
		100000000000000000000000000000000000000	Cap Screw (2)
21	548834		Thread and Cord Cutting Lever Connection End Bearing (upper)
			548364 with 545274 (803), 548367 and two 545325 (803)
22	545424	(805)	Thread and Cord Cutting Lever Connection End Bearing (upper) Ball Screw Nut
23	548868		Thread and Cord Cutting Driving Lever with 545143 (809)
24	545143	(809)	Thread and Cord Cutting Driving Lever Set Screw
25		(803)	Thread and Cord Cutting Driving Lever Roller Cap Screw
26	201873		Thread and Cord Cutting Driving Lever Roller
27	548872		Thread and Cord Cutting Driving Lever Roller Screw Stud
28	154983	(819)	Thread and Cord Cutting Driving Lever Roller Screw Stud Nut
29	548871		Thread and Cord Cutting Driving Lever Roller complete, Nos. 154983 (819), 201873, 548872 and 549166 (803)
30	548869	695	Thread and Cord Cutting Driving Lever Bracket
31		(805)	Thread and Cord Cutting Driving Lever Bracket Screw (2)
32	253659		Thread and Cord Cutting Driving Lever Hinge Stud
33	548864		Rapid Feed Driving Gear
(Committee of the Comm	,	2	mela race averying com

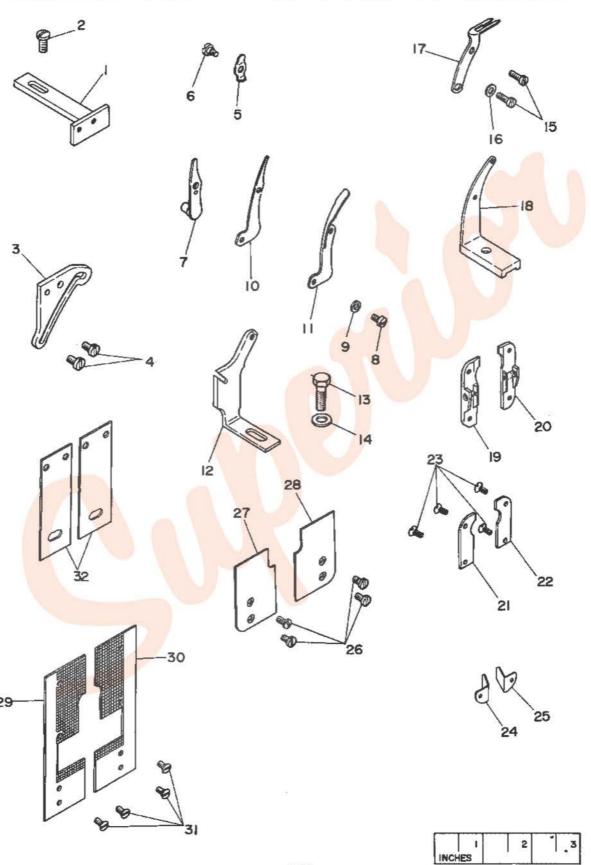
THREAD AND CORD CHTTING LEVER STITCH REGULATING GEAR, RAPID FEED DRIVING GEAR



THREAD AND CORD CUTTING BLADE, WORK CLAMP CHECK, WORK CLAMP BASE PLATE

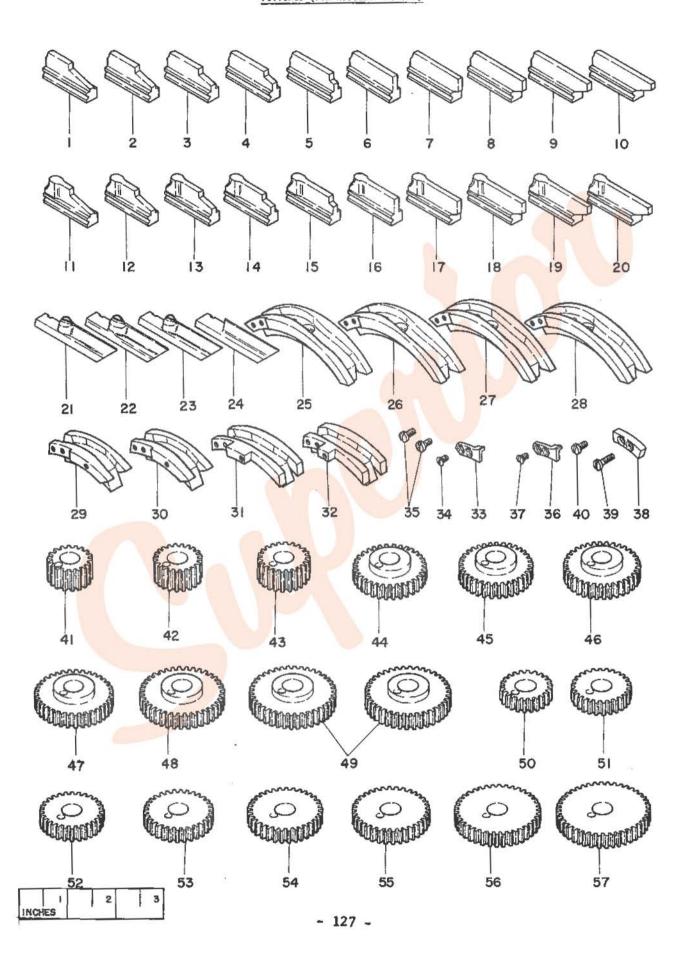
Ref.	Part	
No.	No.	Description
1	548867	Thread and Cord Cutting Blade Cam Diete Bracket
2	549164 (803)	Thread and Cord Cutting Blade Cam Plate Bracket
		Thread and Cord Cutting Blade Cam Plate Bracket Screw
3	253774	Thread and Cord Cutting Blade Cam Plate
4	545314 (805)	Thread and Cord Cutting Blade Cam Plate Screw (2)
5	253653	Thread and Cord Cutting Blade Spring
6	549165 (803)	Thread and Cord Cutting Blade Hinge Screw
7	253647	Thread and Cord Cutting Blade (movable)
8	545325 (805)	Thread and Cord Cutting Blade (stationary) Screw
9	548406	Thread and Cord Cutting Blade (stationary) Screw Washer
10	548865	Thread and Cord Cutting Blade (stationary)
11	253775	Thread and Cord Cutting Blade Guard
12	548866	Thread and Cord Cutting Blade Bracket
13	549163 (803)	Thread and Cord Cutting Blade Bracket Screw
14	548061	Thread and Cord Cutting Blade Bracket Screw Washer
15	504112 (832)	Needle Thread Waste Loop Remover Screw (2)
16	548406	Needle Thread Waste Loop Remover Screw Washer
17	548851	Needle Thread Waste Loop Remover
18	548852	Needle Thread Waste Loop Remover Bracket
19	548889	Work Clamp Check (left)
20	548890	Work Clamp Check (right)
21	548893	Work Clamp Check Plate (left)
22	548894	Work Clamp Check Plate (right)
23	549208 (803)	Work Clamp Check Plate Screw (4)
24	548891	Work Clamp Check Extension (left)
25	548892	Work Clamp Check Extension (right)
26	549167 (850)	Work Clamp Base Clamping Plate Cover Screw (4)
27	548878	Work Clamp Base Clamping Plate (left) Cover
28	548888	Work Clamp Base Clamping Plate (right) Cover
29	548877	Work Clamp Base Clamping Plate (left)
30	548879	Work Clamp Base Clamping Plate (right)
31	545373 (805)	Work Clamp Base Clamping Plate Screw (4)
32	548876	Work Clamp Arm Pressure Spring (2)
<i></i>	5,00,0	nork cramb will itessate obiting (2)

THREAD AND CORD CUTTING BLADE, WORK CLAMP CHECK, WORK CLAMP BASE PLATE



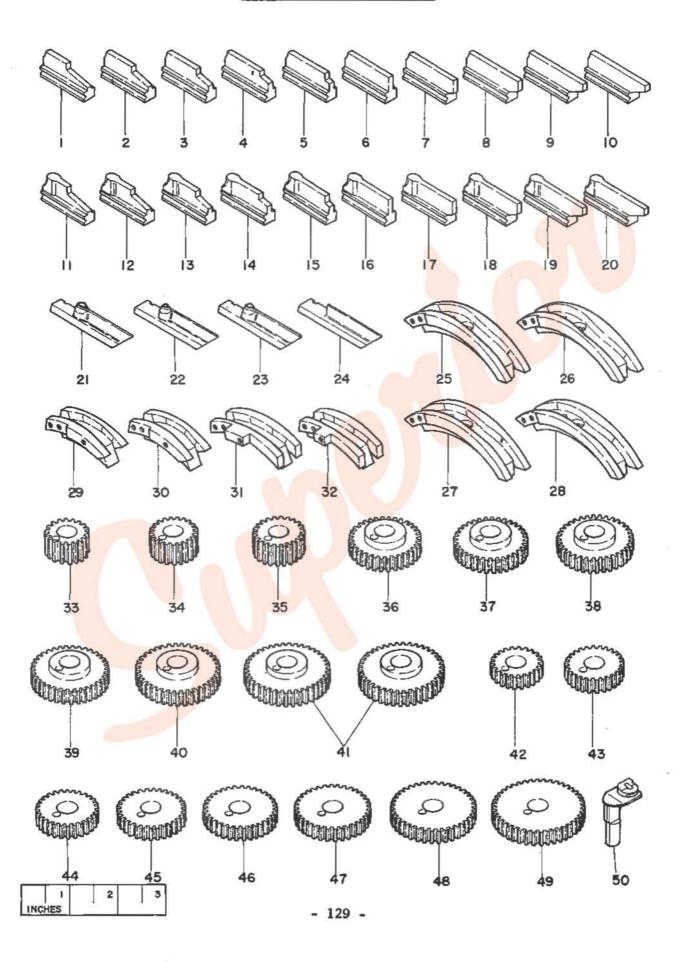
FITTINGS (FOR 299U230 MACHINE)

```
Note: Parts with underline are furnished with machine.
Ref. Part
No. No.
                                                      Description
Buttonhole Cutting Blocks
       548752
                       Buttonhole Cutting Block (straight) (hole length 1/2")
      548753
                       Buttonhole Cutting Block (straight) (hole length 5/8")
      548754
                       Buttonhole Cutting Block (straight) (hole length 3/4")
      548755
                       Buttonhole Cutting Block (straight) (hole length 7/8")
 5
                       Buttonhole Cutting Block (straight) (hole length 1")
      548756
 6
      548757
                       Buttonhole Cutting Block (straight) (hole length 1-1/8")
      548758
                       Buttonhole Cutting Block (straight) (hole length 1-1/4")
      548759
 8
                       Buttonhole Cutting Block (straight) (hole length 1-3/8")
 9
      548760
                       Buttonhole Cutting Block (straight) (hole length 1-1/2")
10
      548761
                       Buttonhole Cutting Block (straight) (hole length 1-5/8")
                       Buttonhole Cutting Block (eye)
11
      548762
                                                                (hole length 1/2")
12
      548763
                       Buttonhole Cutting Block (eye)
                                                                (hole length 5/8")
13
      548764
                       Buttonhole Cutting Block (eye)
                                                                (hole length 3/4")
14
      548765
                       Buttonhole Cutting Block (eye)
                                                                (hole length 7/8")
                                                                (hole length 1")
15
      548766
                       Buttonhole Cutting Block (eye)
                       Buttonhole Cutting Block (eye)
16
      548767
                                                                (hole length 1-1/8")
      548768
                       Buttonhole Cutting Block (eye)
17
                                                                (hole length 1-1/4")
18
      548769
                       Buttonhole Cutting Block (eye)
                                                                (hole length 1-3/8")
19
      548770
                       Buttonhole Cutting Block (eye)
                                                                (hole length 1-1/2")
20
      548771
                       Buttonhole Cutting Block (eye)
                                                                (hole length 1-5/8")
Buttonhole Cutting Knives
21
      256654
                       Buttonhole Cutting Knife (eye) (.135 x .228)
      548065
                       Buttonhole Cutting Knife (eye) (.140 x .260)
Buttonhole Cutting Knife (eye) (.120 x .180)
22
23
      548886
                       Buttonhole Cutting Knife (straight)
24
      548066
Pattern Wheel Cam Blocks (eye)
25 S48389 Pattern Wheel Cam Block (eye) (.140 x .190)
      548978
                       Pattern Wheel Cam Block (eye) (.140 x .190) 548389 with 548391, 548492 and two 549191
26
      548826
                       Pattern Wheel Cam Block (eye) (.170 x .240)
      548979
                       Pattern Wheel Cam Block (eye) (.170 x .240) 548826 with 548391, 548492 and two 549191
27
      548887
                       Pattern Wheel Cam Block (eye) (.126 x .160)
                       Pattern Wheel Cam Block (eye) (.126 x .160) 548887 with 548391, 548492 and two 549191 Pattern Wheel Cam Block (eye) (.110 x .130)
      548977
28
       548827
      548976
                       Pattern Wheel Cam Block (eye) (.110 x .130) 548827 with 548391, 548492 and two 549191
Pattern Wheel Cam Blocks (taper bar)
29 548392 Pattern Wheel Cam Block (1st side) (1/4" max.)
                       Pattern Wheel Cam Block (1st side) (1/4" max.) complete, Nos. 548391, 548392, 549191
      548987
                        and two 545138
                       Pattern Wheel Cam Block (1st side) (3/8" max.)
Pattern Wheel Cam Block (1st side) (3/8" max.) complete, Nos. 548391, 548393, 549191
30
      548797
      548989
                        and two 545138
                       Pattern Wheel Cam Block (2nd side) (1/4" max.)
Pattern Wheel Cam Block (2nd side) (1/4" max.) complete, Nos. 545138, 545332, 548391,
31
      548802
      548988
                         548396, 548802 and 549191
32
                       Pattern Wheel Cam Block (2nd side) (3/8" max.)
      548990
                       Pattern Wheel Cam Block (2nd side) (3/8" max.) complete, Nos. 545138, 545332, 548391,
                         548395, 548396 and 549191
      548391
33
                       Pattern Wheel Cam Block (1st side) Safety Latch Trip
34
       549191 (819)
                       Pattern Wheel Cam Block (1st side) Safety Latch Trip Screw
35
      545138 (809)
                       Pattern Wheel Cam Block (1st side) Screw (2)
36
      548391
                       Pattern Wheel Cam Block (2nd side) Safety Latch Trip
      549191 (819)
37
                       Pattern Wheel Cam Block (2nd side) Safety Latch Trip Screw
38
      548396
                       Pattern Wheel Cam Block (2nd side) Safety Latch Trip Spacer
                       Pattern Wheel Cam Block (2nd side) Screw (long)
Pattern Wheel Cam Block (2nd side) Screw (short)
39
      545332 (805)
40
      545138 (809)
Feed Driving Gear Differential
41 548714 Feed Driv
                       Feed Driving Gear Differential (18 teeth)
42
       548715
                       Feed Driving Gear Differential (21 teeth)
43
      548716
                       Feed Driving Gear Differential (22 teeth)
44
       548717
                       Feed Briving Gear Differential (32 teeth)
45
                       Feed Driving Gear Differential (33 teeth)
46
      548719
                       Feed Driving Gear Differential (34 teeth)
47
      548720
                       Feed Driving Gear Differential (35 teeth)
48
       548721
                       Feed Driving Gear Differential (37 teeth)
49
      548722
                       Feed Driving Gear Differential (38 teeth) (2)
Stitch Regulating Gears
50 548500 St
                       Stitch Regulating Gear (22 teeth)
51
      548501
                       Stitch Regulating Gear (26 teeth)
Stitch Regulating Gear (28 teeth)
       548502
      548503
53
                       Stitch Regulating Gear (30 teeth)
       548504
                       Stitch Regulating Gear (33 teeth)
                       Stitch Regulating Gear (34 teeth)
55
      548505
       548506
                       Stitch Regulating Gear (38 teeth)
                       Stitch Regulating Gear (42 teeth)
```



FITTINGS (FOR 299U210 MACHINE)

```
Note: Parts with underline are furnished with machine.
 Ref. Part
 No.
      No.
                                                     Description
 Buttonhole Cutting Blocks
        548752
                       Buttonhole Cutting Block (straight) (hole length 1/2")
        548753
                       Buttonhole Cutting Block (straight) (hole length 5/8")
  3
        548754
                       Buttonhole Cutting Block (straight) (hole length 3/4")
  4
       548755
                       Buttonhole Cutting Block (straight) (hole length 7/8")
  5
        548756
                       Buttonhole Cutting Block (straight) (hole length 1")
                       Buttonhole Cutting Block (straight) (hole length 1-1/8")
  6
        548757
  7
        548758
                       Buttonhole Cutting Block (straight) (hole length 1-1/4")
  8
       548759
                       Buttonhole Cutting Block (straight) (hole length 1-3/8")
  9
        548760
                       Buttonhole Cutting Block (straight) (hole length 1-1/2")
        548761
 10
                       Buttonhole Cutting Block (straight) (hole length 1-5/8")
                       Buttonhole Cutting Block (eye)
 11
        548762
                                                             (hole length 1/2")
        548763
 12
                       Buttonhole Cutting Block (eye)
                                                             (hole length 5/8")
                       Buttonhole Cutting Block (eye)
 13
        548764
                                                             (hole length 3/4")
                       Buttonhole Cutting Block (eye)
 14
        548765
                                                             (hole length 7/8")
       548766
 15
                       Buttonhole Cutting Block (eye)
                                                             (hole length 1")
 16
        548767
                       Buttonhole Cutting Block (eye)
                                                             (hole length I-1/8")
                       Buttonhole Cutting Block (eye)
 17
        548768
                                                             (hole length 1-1/4")
                       Buttonhole Cutting Block (eye)
 18
       548769
                                                             (hole length 1-3/8")
        548770
 19
                       Buttonhole Cutting Block (eye)
                                                              (hole length 1-1/2")
 20
       548771
                       Buttonhole Cutting Block (eye)
                                                             (hole length 1-5/8")
 Buttonhole Cutting Knives
 21
        256654
                       Buttonhole Cutting Knife (eye) (.135 x .228)
        548804
                       Buttonhole Cutting Knife (eye) (.100 x .125)
 23
        548886
                       Buttonhole Cutting Knife (eye) (.120 x .180)
       548066
 24
                       Buttonhole Cutting Knife (straight)
 Pattern Wheel Cam Blocks (eye)
 25
        548389
                       Pattern Wheel Cam Block (eye) (.140 x .190)
       548978
                       Pattern Wheel Cam Block (eye) (.140 x .190) 548389 with 548391, 548492 and two 549191
                       Pattern Wheel Cam Block (eye) (.170 x .240)
 26
        548826
        548979
                       Pattern Wheel Cam Block (eye) (.170 x .240) 548826 with 548391, 548492 and two 549191
 27
        548887
                       Pattern Wheel Cam Block (eye) (.126 x .160)
                       Pattern Wheel Cam Block (eye) (.126 x .160) 548887 with 548391, 548492 and two 549191 Pattern Wheel Cam Block (eye) (.110 x .130)
        548977
 28
        548827
        548976
                       Pattern Wheel Cam Block (eye) (.110 x .130) 548827 with 548391, 548492 and two 549191
 Pattern Wheel Cam Blocks (taper bar)
                       Pattern Wheel Cam Block (1st side) (1/4" max.)
       548801
        548983
                       Pattern Wheel Cam Block (1st side) (1/4" max.) complete, Nos. 548391, 548801, 549191
                         and two 545138
 30
       548824
                       Pattern Wheel Cam Block (1st side) (3/8" max.)
        548985
                       Pattern Wheel Cam Block (1st side) (3/8" max.) complete, Nos. 548391, 548824, 549191
                         and two 545138
/ 31
        548394
                       Pattern Wheel Cam Block (2nd side) (1/4" max.)
                       Pattern Wheel Cam Block (2nd side) (1/4" max.) complete, Nos. 545138, 545332, 548391,
        548984
                         548394, 548396 and 549191
 32
        548825
                       Pattern Wheel Cam Block (2nd side) (3/8" max.)
        548986
                       Pattern Wheel Cam Block (2nd side) (3/8" max.) complete, Nos. 545138, 545332, 548391,
                         548396, 548825 and 549191
 Feed Driving Gear Differential
 33
        548714
                       Feed Driving Gear Differential (18 teeth)
 34
        548715
                       Feed Driving Gear Differential (21 teeth)
 35
        548716
                       Feed Driving Gear Differential (22 teeth)
 36
        548717
                       Feed Driving Gear Differential (32 teeth)
 37
                       Feed Driving Gear Differential (33 teeth)
        548718
 38
        548719
                       Feed Driving Gear Differential (34 teeth)
 39
        548720
                       Feed Driving Gear Differential (35 teeth)
 40
        548721
                       Feed Driving Gear Differential (37 teeth)
 41
        548722
                       Feed Driving Gear Differential (38 teeth) (2)
 Stitch Regulating Gears
 42
        548500
                       Stitch Regulating Gear (22 teeth)
 43
        548501
                       Stitch Regulating Gear (26 teeth)
Stitch Regulating Gear (28 teeth)
 44
        548502
 45
        548503
                       Stitch Regulating Gear (30 teeth)
                       Stitch Regulating Gear (33 teeth)
 46
        548504
 47
        548505
                       Stitch Regulating Gear (34 teeth)
 48
        548506
                       Stitch Regulating Gear (38 teeth)
 49
       548507
                       Stitch Regulating Gear (42 teeth)
 Throat Plate
 50
       548937
                       Throat Plate (0.5 mm gimp hole)
```

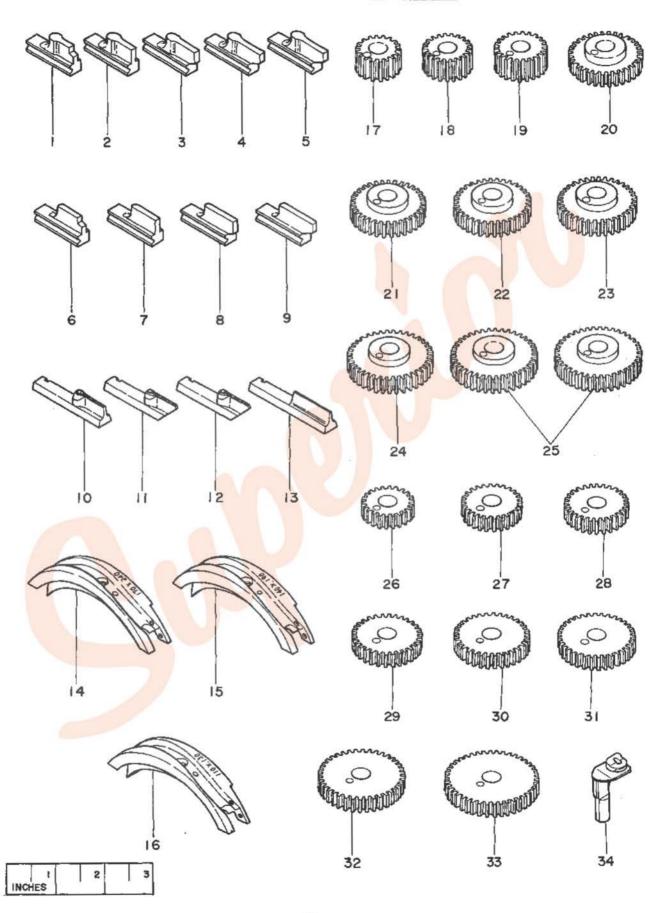


FITTINGS (FOR 299U123 MACHINE)

Note: Parts with underline are furnished with machine.

```
Ref.
      Part
                                      Description
No.
      No.
Buttonhole Cutting Blocks
T
      548835
                     Buttonhole Cutting Block (eye) (hole length 1/2")
 2
                     Buttonhole Cutting Block (eye) (hole length 5/8")
      548836
                     Buttonhole Cutting Block (eye) (hole length 3/4")
 3
      548837
                     Buttonhole Cutting Block (eye) (hole length 7/8")
 4
      548838
 5
      548991
                     Buttonhole Cutting Block (eye) (hole length 1")
                     Buttonhole Cutting Block (straight) (hole length 1/2")
 6
      548839
 7
                     Buttonhole Cutting Block (straight) (hole length 5/8")
      548840
 8
                     Buttonhole Cutting Block (straight) (hole length 3/4")
      548841
      548842
                     Buttonhole Cutting Block (straight) (hole length 7/8")
Buttonhole Cutting Knives
10
      548935
                     Buttonhole Cutting Knife (eye) (.126 x .180)
      548936
                     Buttonhole Cutting Knife (eye) (.100 x .157)
11
12
      548992
                     Buttonhole Cutting Knife (eye) (.126 x .180)
13
      255344
                     Buttonhole Cutting Knife (straight)
Pattern Wheel Cam Blocks (eye)
14
      548856
                     Pattern Wheel Cam Block (eye) (.170 x .240)
      548982
                     Pattern Wheel Cam Block (eye) (.170 x .240) 548856 with
                        548391. 548492 and two 549191
                     Pattern Wheel Cam Block (eye) (.140 x .190)
15
      548857
      548981
                     Pattern Wheel Cam Block (eye) (.140 x .190) 548857 with
                        548391, 548492 and two 549191
16
      548858
                     Pattern Wheel Cam Block (eye) (.110 x .130)
      548980
                     Pattern Wheel Cam Block (eye) (.110 x .130) 548858 with
                        548391, 548492 and two 549191
Feed Driving Gear Differential
17
      548714
                     Feed Driving Gear Differential (18 teeth)
18
      548715
                     Feed Driving Gear Differential (21 teeth)
19
      548716
                     Feed Driving Gear Differential (22 teeth)
20
      548717
                     Feed Driving Gear Differential (32 teeth)
21
      548718
                     Feed Driving Gear Differential (33 teeth)
22
      548719
                     Feed Driving Gear Differential (34 teeth)
23
      548720
                     Feed Driving Gear Differential (35 teeth)
24
      548721
                     Feed Driving Gear Differential (37 teeth)
25
      548722
                     Feed Driving Gear Differential (38 teeth) (2)
Stitch Regulating Gears
26
      548500
                     Stitch Regulating Gear (22 teeth)
27
      548501
                     Stitch Regulating Gear (26 teeth)
28
      548502
                     Stitch Regulating Gear (28 teeth)
29
      548503
                     Stitch Regulating Gear (30 teeth)
                     Stitch Regulating Gear (33 teeth)
30
      548504
31
      548505
                     Stitch Regulating Gear (34 teeth)
32
      548506
                     Stitch Regulating Gear (38 teeth)
33
      548507
                     Stitch Regulating Gear (42 teeth)
Throat Plate
34
      548937
                     Throat Plate (0.5 mm gimp hole)
```

FITTINGS (FOR 299U123 MACHINE)

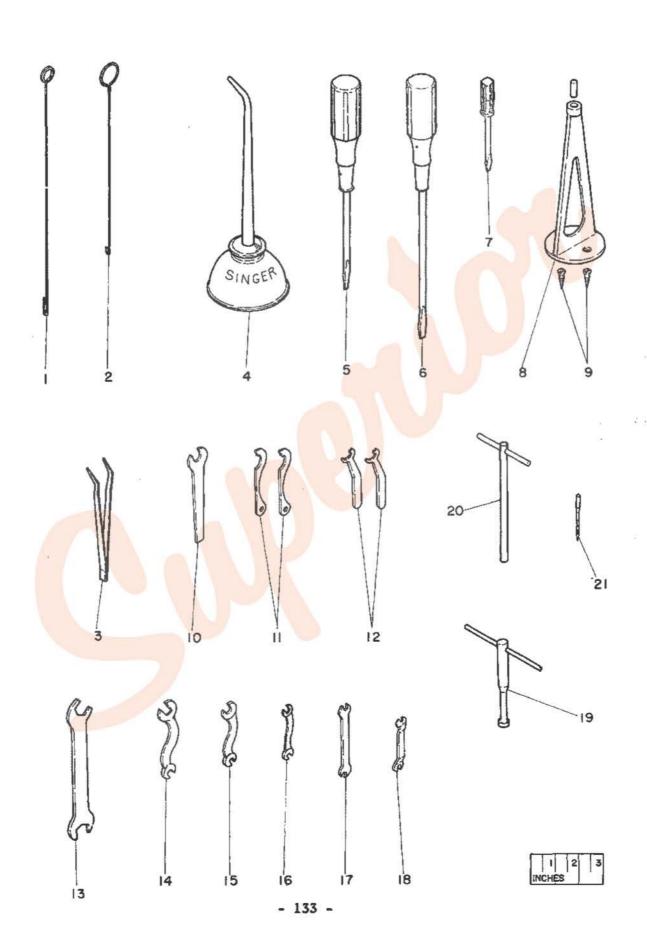


ACCESSORIES

Ref.	Part	
No.	No.	Description
1	548695	Thread Wire (large)
2	548696	Thread Wire (small)
3	546656	Tweezers
1 2 3 4 5	548699	Oiler (copper plated)
	548702	Screw Driver (5 in. blade)
6 7 8	548701	Screw Driver (8 in. blade)
7	541514	Screw Driver
8	548698	Machine Rest (high) with two 549298 (5 x 25)
9	549298	Wood Screw (5 x 25) (2)
10	548803	Wrench for 545339
11	548705	Wrench for 545431 (2)
12	548711	Wrench for 545430, 545432 (2)
13	548704	Wrench for 545439
14	548710	Wrench for 545427, 545441
15	548709	Wrench for 545365, 545436
16	548708	Wrench for 504507, 548360
17	546657	Wrench for 545245, 545247
18	548703	Wrench for 545425, 545426
19	548707	Wrench for 545330, 545417
20	548706	Wrench for 548186, 548443 and 548511
21	**CAT. 1413	Needle (142X5) #17 (6)
	CAT. 1413	Needle (142X5) #19 (6), for 299U123

Available at extra charge

548924	Hand	Reamer	(2.0¢.	taper	1/50)
548925		Reamer	ACCURAGE AND A SECOND COMMON	The state of the s	The second secon
548926		Reamer			
548927		Reamer			



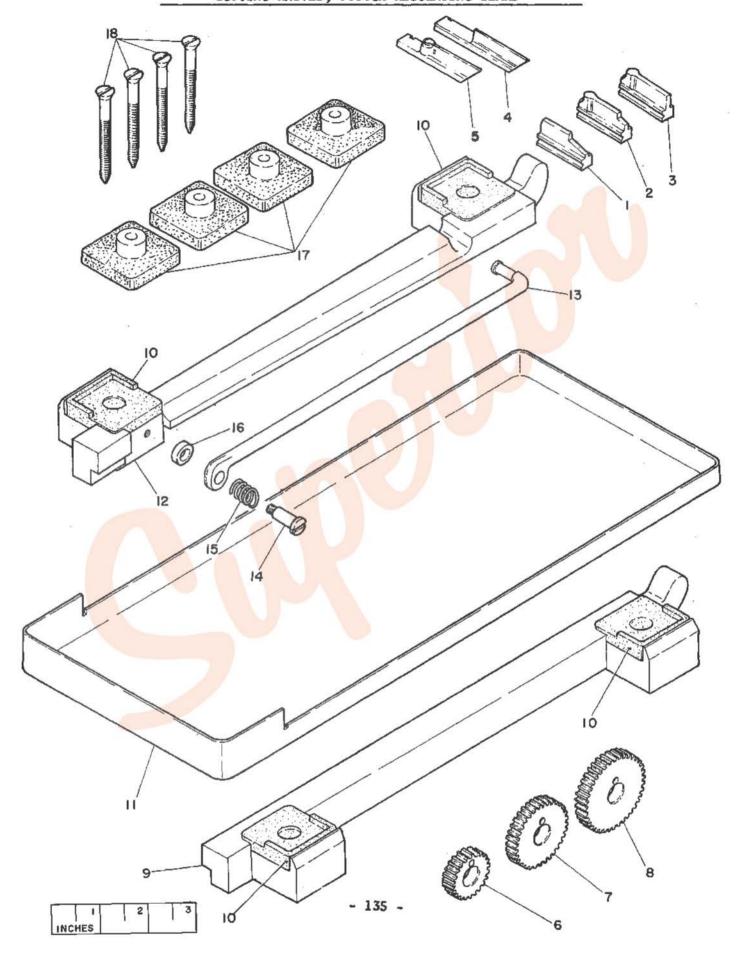
ACCESSORIES

MACHINE OIL DRIP PAN, MACHINE SUPPORT, CUTTING BLOCKS, CUTTING KNIVES, STITCH REGULATING GEARS

Ref.	. Part					
No.	No.		Description			
1	**548753		Buttonhole Cutting Block (straight) (hole length 5/8")			
2	**548765		Buttonhole Cutting Block (eye) (hole length 7/8")			
3	**548767		Buttonhole Cutting Block (eye) (hole length 1-1/8")			
4	**548066		Buttonhole Cutting Knife (straight)			
5	*256654		Buttonhole Cutting Knife (eye) (.135 x .228)			
	548886		Buttonhole Cutting Knife (eye) (.120 x .180), for 299U110			
			(See page 129, reference No. 23)			
6	548500		Stitch Regulating Gear (22 teeth)			
7	548502		Stitch Regulating Gear (28 teeth)			
8	548506		Stitch Regulating Gear (38 teeth)			
9	548298		Machine Support (right)			
10	548300		Machine Support Mounting Pad (upper) (4)			
11	548296		Machine Oil Drip Pan			
12	548297		Machine Support (left)			
13	548301		Machine Tilting Latching Lever			
14	545293	(803)	Machine Tilting Latching Lever Hinge Screw			
15	548302		Machine Tilting Latching Lever Hinge Screw Spring			
16	548303		Machine Tilting Latching Lever Hinge Screw Spring Washer			
17	548299		Machine Support Mounting Pad (lower) (4)			
18	549297		Machine Support Wood Screw (5.5 x 56) (4)			
	548829		Machine Support (left) complete, Nos. 545293 (803), 548297,			
			548301 to 548303, two each 548299, 548300 and 549297			
			(5.5 x 56)			
	548830		Machine Support (right) complete, Nos. 548298, two each			
			548299, 548300 and 549297 (5.5 x 56)			
Parts for 299U123 Machine						
(See page 131)						
	548836		Buttonhole Cutting Block (eye) (hole length 5/8")			
	548837		Buttonhole Cutting Block (eye) (hole length 3/4")			
	548935		Buttonhole Cutting Knife (eye) (.126 x .180)			

ACCESSORIES

MACHINE OIL DRIP PAN, MACHINE SUPPORT, CUTTING BLOCKS CUTTING KNIVES, STITCH REGULATING GEARS

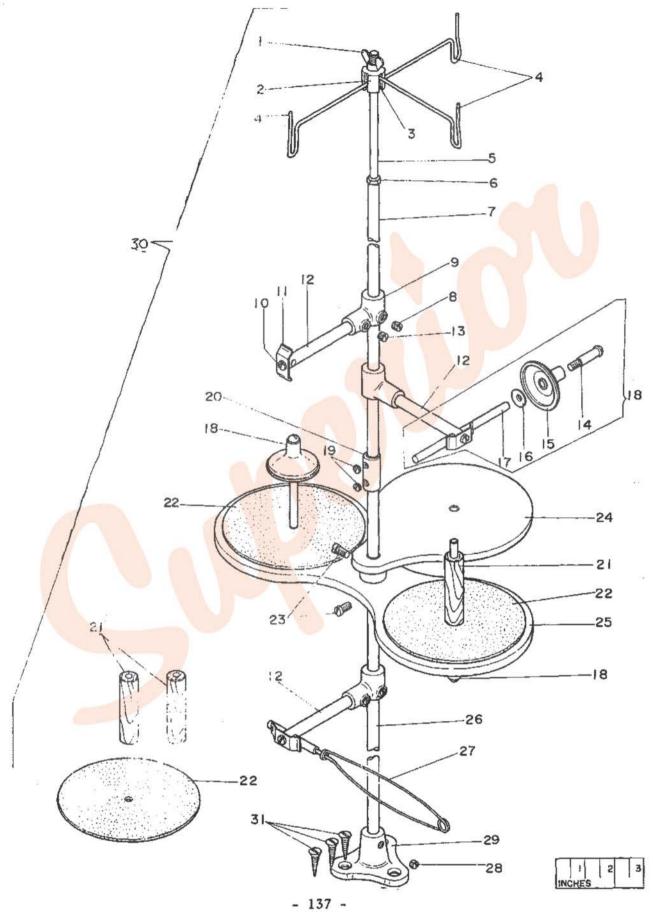


ACCESSORIES

THREAD UNWINDER (FOR THREE SPOOLS)

Ref.	Part		ii
No.	No.		Description
1.			
1	545465	(856)	Thread Unwinder Thread Guide Screw Stud Nut
2	548821		Thread Unwinder Thread Guide Position Cup
3	546735		Thread Unwinder Thread Guide Washer
4	548820		Thread Unwinder Thread Guide (3)
5	548822		Thread Unwinder Thread Guide Screw Stud
6	545467	(819)	Thread Unwinder Thread Guide Screw Stud Lock Nut
7	548816		Thread Unwinder Spool Rest Rod (upper)
8	504029	(833)	Thread Unwinder Spool Pin Arm Bracket Set Screw (3)
9	548808		Thread Unwinder Spool Pin Arm Bracket with two 504029 (833)
			(3)
10	545307	(809)	Thread Unwinder Spool Pin Retaining Spring Screw (3)
11	548810		Thread Unwinder Spool Pin Retaining Spring (3)
12	548807		Thread Unwinder Spool Pin Arm with 545307 (809) and 548810 (3)
13	504029	(833)	Thread Unwinder Spool Pin Arm Set Screw (3)
14	549143	(809)	Thread Unwinder Spool Pin Cap Hinge Screw (3)
15	548809		Thread Unwinder Spool Pin Cap (3)
16	548811		Thread Unwinder Spool Pin Washer (3)
17	548805		Thread Unwinder Spool Pin (3)
18	548823		Thread Unwinder Spool Pin complete, Nos. 548805, 548809,
			548811 and 549143 (809) (3)
19	504138	(819)	Thread Unwinder Spool Rest Rod Coupling Set Screw (2)
20	548817		Thread Unwinder Spool Rest Rod Coupling with two 504138 (819)
21	548806		Thread Unwinder Spool Pin (wood) (3)
22	548814		Thread Unwinder Spool Rest Cushion (felt) (3)
23	549145	(850)	Thread Unwinder Spool Rest Set Screw (2)
24	548812		Thread Unwinder Spool Rest (for one spool) (flat) with
			549145 (850)
25	548813		Thread Unwinder Spool Rest (for two spools) (flat) with
1222			549145 (850)
26	548815		Thread Unwinder Spool Rest Rod (lower)
27	548819		Thread Unwinder Thread Cop Holder
28	549144	(833)	Thread Unwinder Spool Rest Rod Set Screw
29	548818		Thread Unwinder Spool Stand with 549144 (833)
30	548712		Thread Unwinder (for three spools) complete, Nos. 545465
			(856), 545467 (819), 546735, 548812, 548813, 548815 to
			548819, 548821, 548822, three each 548806 to 548808, 548814,
71			548820, 548823 and Wood Screw (5.5 x 30)
31			Wood Screw (3)

ACCESSORIES THREAD UNWINDER (FOR THREE SPOOLS)



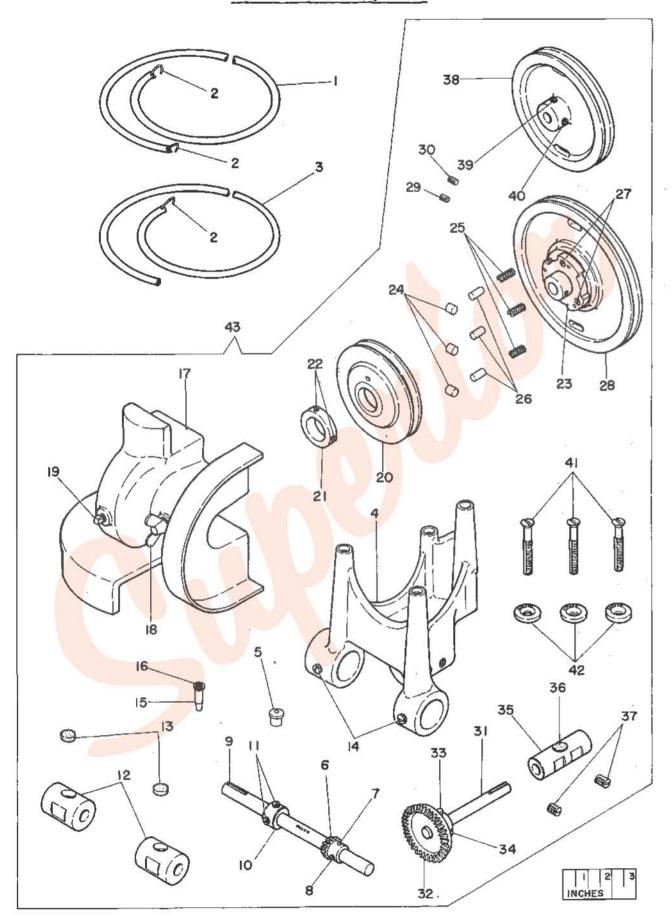
ACCESSORIES

DRIVING ATTACHMENT, BELTS

			photographic and a physical and the phys
Ref.	Part		
No.	No.		Description
1	548748		Belt, Size 5/16 in. diam., Length 83 in., with two 548749
2	548749		Belt Hook for 548748 & 548750 (3)
3	548750		Belt, Size 3/8 in. diam., Length 57 in., with 548749
4	548732		Driving Attachment Bracket with 548733, 548734 and four
			549026 (803)
5	548733		Driving Attachment Bracket Oil Cup
6	548725		Buttonhole Cutter Driving Pulley Driving Pinion (16 teeth)
			with 154780 (850)
7	548726		Buttonhole Cutter Driving Pulley Driving Pinion Pin
8	154780	(850)	Buttonhole Cutter Driving Pulley Driving Pinion Set Screw
9	548738		Driving Pulley Shaft
10	548741		Driving Pulley Shaft Collar with two 545237 (830)
11	545237	(830)	Driving Pulley Shaft Collar Set Screw (2)
12	548739		Driving Pulley Shaft Bushing with 548740 (2)
13	548740		Driving Pulley Shaft Bushing Oil Packing (felt) (2)
14	549026	(803)	Driving Pulley Shaft Bushing Set Screw (2)
15	548734		Driving Attachment Bracket Oil Tube with 548735
16	548735		Driving Attachment Bracket Oil Tube Packing (wick)
17	548731		Driving Attachment Belt Guard with 549021 (805)
18	549022	(805)	Driving Attachment Belt Guard Thumb Screw
19	549021	(805)	Driving Attachment Belt Guard Drain Plug
20	548742		Machine Driving Pulley
21	548743		Machine Driving Pulley Collar with two 545237 (830)
22	545237		Machine Driving Pulley Collar Set Screw (2)
23	548744		Machine Driving Pulley Clutch
24	548745		Machine Driving Pulley Clutch Roller (3)
25	548746		Machine Driving Pulley Clutch Roller Spring (3)
26	548747		Machine Driving Pulley Clutch Roller Spring Plunger (3)
27	549028		Machine Driving Pulley Clutch Screw (3)
28	548737		Driving Pulley (6 in. dia.) with 549024 (803) and 549025 (803)
29	549024		Driving Pulley Position Screw
30	549025		Driving Pulley Set Screw
31	548727		Buttonhole Cutter Driving Pulley Shaft
32	548730		Buttonhole Cutter Driving Pulley Shaft Gear (48 teeth) with 504029 (833)
33	548726		Buttonhole Cutter Driving Pulley Shaft Gear Pin
34	504029		Buttonhole Cutter Driving Pulley Shaft Gear Set Screw
35	548728		Buttonhole Cutter Driving Pulley Shaft Bushing with 548729
36	548729		Buttonhole Cutter Driving Pulley Shaft Bushing Oil Packing (felt)
37	549026		Buttonhole Cutter Driving Pulley Shaft Bushing Set Screw (2)
38	548724		Buttonhole Cutter Driving Pulley (4-5/8 in. dia.) with 549005 (803) and 549008 (803)
39	549005		Buttonhole Cutter Driving Pulley Position Screw
40	549008		Buttonhole Cutter Driving Pulley Set Screw
41	549023		Driving Attachment Bracket Screw (3)
42	548736		Driving Attachment Bracket Screw Washer (3)
43	548723		Driving Attachment complete, Nos. 548724 to 548726, 548728, 548730 to 548732, 548737, 548738, 548741 to 548744, 549022 (805), two 548739, three each 548736, 548745 to 548747, 549023 (819) and 549028 (810)

ACCESSORIES

DRIVING ATTACHMENT, BELTS



Part No. Page No.	Part No. Page No.	Part No. Page No.
229118	50407162	54522460
CAT. 1413132	50407898, 116	54522662
210258	50408458, 72, 82, 94,	54522990, 92, 98
10518582, 86	98, 102, 106, 108, 112, 116	54523264, 74
15478060, 138	50409176	54523368, 104
15498178	50409568, 78	54523470
15498386, 96, 122	50409858, 122	54523570, 106, 108
201873122	50410268, 82	54523774, 138
232271110	50411090	54523870
252272110	504112124	54523970
253622118	50411570	54524074
253623118	50413462, 86, 92, 104,	54524174
253647124	106, 108, 112	54524274
253653124	504138136	54524370
253656120	504502102	54524470, 82, 104
253657120	50450772, 86	54524570
253659122	541514132	54524670, 72, 76, 98
253693122	54500796	54524770
253774124	54510386	54524870
253775124	545108104	54524970
254070118	54513760, 68	54525070, 78, 84, 88
254112118	54513870, 90, 100, 114	
255344130	118, 126	54525270
25663584	54513966	54525392
25665470, 126, 128, 134	54514372, 122	54525472
50400782	54514472	54525572
50402060, 66	54514688	54525672, 102
50402960, 78, 92, 98,	545148104	54525774, 122
112, 136, 138 504048106, 108	\$4515188	54525874
50405174, 76, 80, 84,	54515384, 94, 110	54525968, 72, 74, 90,
86, 92, 106, 118	F45150 04 110	92, 110
50405660, 66, 68, 74,	54515994, 112	54526072, 110, 112
98, 100, 104, 114	545183102	54526172
50406358, 66, 72, 76, 80, 106, 108, 112,	54519384	54526272
118, 122	54522258	
	54522358	

Part No. Page No.	Part No. Page No.	Part No. Page No.
54526372, 78, 80	54530082	54533390
54526472, 76, 94, 96,		54533478, 90
98, 112, 114,	54530282	54533576, 120
116	54530382, 116	54533666
54526578	54530458, 86, 94	54533766
54526678	54530586	54533894, 102
54526776, 88, 92	54530682, 116	54533992
54526876	54530758, 106, 108,	545340 68, 78, 92, 100
54526976	116, 118, 136	54534194
54527076	54530858	545342102
54527176, 90	54530958	545343102
54527276, 78	545310\$8	545345102
54527376	54531158	54534692
54527460, 122	54531284	54534770, 82, 90, 94
54527560	54531360, 104	54534894
545276104	54531460, 74, 80, 90,	54534998
54527778	102, 116, 118, 124	54535094
54527878	54531584	54535194
545279106	54531686	54535398
54528058, 106	54531872	545354100
545281106	54531984	545355100
54528296	54532084, 86	54535672, 100
54528396	54532188	54535796
54528660	54532288	54535896
54528880	54532360, 88, 122	54535998
54528994, 110	54532488	54536098
54529180, 84	54532560, 82, 86, 88,	54536178, 96, 98
54529280, 84, 120	122, 124	54536298
54529380, 134	54532684	545363100
54529480	54532784	545364100
54529562, 68	54532888	54536572, 100
54529682	54532988	545366102
54529782	54533090	545367102, 112
54529868	54533174, 90	545368106
54529982, 106, 108, 118	545332114, 126	545369102

54537092, 100 54541970 546735136 545371106, 108 54542074 54800358 545372106, 108 54542172 54800558 545373106, 108, 124 54542272 54800660 545374106, 108 54542376 54800760 545375106, 108 54542460, 88, 122 54800860, 74, 76, 92 545375106 54542560, 82, 88, 96 104 54537778 122 54801060 54537878 54542660, 88, 122 54801160, 66, 68, 104 54537972, 78, 112 545427104 54802260 545381112 54542980 54802762 545382112 54543180 54803264 545382112 54543180 54803768 54538574, 98 54543280 54803768 54538696 54543584 54803768 54538896 54543584 54803768 545389110 54543694, 112 54803968 545399110, 116 545441100 54804158 5453	Part No. Page No.	Part No.	Page No.	Part No.	Page No.
545372106, 108 54542172 54800558 545373106, 108, 124 54542272 54800660 545374106, 108 54542376 54800760 545375106, 108 54542460, 88, 122 54800860, 74, 76, 92 545376110 54542560, 82, 88, 96 104 54537878 54542660, 88, 122 54801060 54537972, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54542980 54802762 545382112 54543080 54803264 545383112 54543180 54803566, 74 54538574, 98 54543280 54803768 54538696 54543584 54803866, 68, 100, 104 54538896 54543786, 116 54803968 545389110 54543094, 112 54803968 545399110, 116 54544066 54804058 545391110, 116 545441100 54804358 545393110 54544378, 106, 108 54804458 545394110 54544572 54804970	54537092, 100	54541970		546735136	
545373106, 108, 124 54542272 54800660 545374106, 108 54542376 54800760 545375106, 108 54542460, 88, 122 54800860, 74, 76, 92 545376110 54542560, 82, 88, 96 104 54537778 122 54801060 54537878 54542660, 88, 122 54801160, 66, 68, 104 54537972, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54543080 54803262 545382112 54543180 54803264 545383112 54543180 54803566, 74 54538696 54543280 54803768 54538696 54543584 54803768 54538910 54543584 54803866, 68, 100, 104 545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110 545441100 54804358 545393110 54544378, 106, 108 54804958 545394110 54544572 54804970	545371106, 108	54542074		54800358	
545374106, 108 54542376 54800760 545375106, 108 54542460, 88, 122 54800860, 74, 76, 92 545376110 54542560, 82, 88, 96 104 54537778 122 54801060 54537878 54542660, 88, 122 54801160, 66, 68, 104 54537972, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54543180 54802762 545383112 54543180 54803264 545384106, 108 54543280 54803566, 74 54538574, 98 54543484 54803866, 68, 100, 104 54538772 54543694, 112 54803968 545389110 54543990 54804158 545399110, 116 54544066 54804268 545391110, 116 545441100 54804358 545393110 54544572 54804970 545399110, 112 54544696 54805070 545399110 54544790 54805174 545399110 54544790 54805174	545372106, 108	54542172		54800558	
545375106, 108 \$4542460, 88, 122 \$4800860, 74, 76, 92 545376110 \$4542560, 82, 88, 96 104 54537778 \$4542660, 88, 122 \$4801160, 66, 68, 104 54537878 \$45427104 \$4801260 \$4537972, 78, 112 \$4542878, 94 \$4802362 \$45381112 \$4542980 \$4802362 \$45382112 \$4543180 \$4803264 \$45383112 \$4543180 \$4803566, 74 \$45384106, 108 \$4543280 \$4803668 \$4538574, 98 \$4543584 \$4803768 \$4538772 \$4543694, 112 \$4803968 \$45389110 \$4543990 \$4804058 \$45399110, 116 \$4544066 \$4804268 \$45399110, 116 \$45441100 \$4804358 \$45394110 \$4544572 \$4804970 \$45399110, 112 \$4544696 \$4805070 \$45399110, 112 \$4544696 \$4805070 \$45399110 \$4544790 \$4805174 \$45399110 \$4544790 \$4805274	545373106, 108, 124	54542272		54800660	
545376110 54542560, 82, 88, 96 104 54537778 122 54801060 54537878 54542660, 88, 122 54801160, 66, 68, 104 54537972, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54543080 54803264 545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543684 54803768 54538696 54543584 54803866, 68, 100, 104 54538910 54543994, 112 54803968 545389110 54543990 54804058 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545393110 54544378, 106, 108 54804458 545395110, 112 54544696 54805070 545398110 54544696 54805070 545398110 545467136 54805274 54540080 54546660 54805570 54540080<	545374106, 108	54542376		54800760	
545376110 54542560, 82, 88, 96 54801060 54537778 54542660, 88, 122 54801160, 66, 68, 104 54537878 54542660, 88, 122 54801160, 66, 68, 104 54537972, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54543080 54802762 545382112 54543180 54803566, 74 545383112 54543180 54803566 545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803866, 68, 100, 104 54538910 54543990 54804058 545399110 54543990 54804158 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544572 54804970 545396110, 112 54544696 54805070 545398110 545465136 54805274 <	545375106, 108	54542460,	88, 122	54800860,	74, 76, 92
545377878 54542660, 88, 122 54801160, 66, 68, 104 54537872, 78, 112 545427104 54801260 545380110 54542878, 94 54802362 545381112 54543080 54802762 545383112 54543180 54803264 545384106, 108 54543280 54803566, 74 54538574, 98 54543280 54803668 54538696 54543584 54803768 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 545441100 54804268 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804458 545395110, 112 54544696 54805070 545396110, 112 54544696 54805174 545398110 545467136 54805274 545398110 545467136 54805370 54540080 54547660 54805570 54540080 54549658 54805570 5454095	545376110	54542560,	82, 88, 96	Control of the second	
54537876 545427104 54801260 545380110 54542878, 94 54802362 545381112 54542980 54802762 545382112 54543080 54803264 545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545393110 54544378, 106, 108 54804458 545393110 54544372 54804970 545395110, 112 54544696 54805070 545399110 545467136 54805274 545399110 545467136 54805274 545399110 545467136 54805570 54540080 54547660 54805570 54540080 54549658	54537778				
545380110 54542878, 94 54802362 545381112 54542980 54802762 545382112 54543080 54803264 545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545392110 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804458 545393110 54544696 54805070 545396110, 112 54544696 54805070 545398110 545465136 54805274 54540080 54547660 54805470, 102 54540080 54547660 54805570 54540958 54601762, 64 54805570	54537878	54542660,	88, 122	54801160,	66, 68, 104
545381112 54542980 54802762 545382112 54543080 54803264 545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543484 54803866 54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545395110, 112 54544696 54805070 545396110, 112 545467136 54805070 545398110 545467136 54805274 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	54537972, 78, 112	545427104		54801260	
545382112 54543080 54803264 545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 545389110 54543990 54804058 545399110, 116 54544066 54804268 545392110 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54546696 54805070 545397110 545467136 54805274 545398110 545467136 54805370 54540080 54547660 54805570 54540958 54601762, 64 54805670	545380110	54542878,	94	54802362	
545383112 54543180 54803566, 74 545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 545389110 54543990 54804058 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544790 54805070 545398110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805570 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	545381112	54542980		54802762	
545384106, 108 54543280 54803668 54538574, 98 54543484 54803768 54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 54538896 54543786, 116 54804058 545399110 54543990 54804158 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545396110, 112 54544696 54805070 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805370 54540080 54549658 54805570 54540958 54601762, 64 54805670	545382112	54543080		54803264	
54538574, 98 54543484 54803768 54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 545465136 54805274 545398110 545467136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540958 54601762, 64 54805670	545383112	54543180		54803566,	74
54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545392110 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545395110 54544696 54804970 545396110, 112 54544696 54805070 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	545384106, 108	54543280		54803668	
54538696 54543584 54803866, 68, 100, 104 54538772 54543694, 112 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545391110, 116 54544066 54804268 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	54538574, 98	54543484		54803768	
54538772 54543694, 112 54803968 54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545392110 545441100 54804358 545393110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	(a) Pre- a pre-	54543584		54803866,	68, 100, 104
54538896 54543786, 116 54804058 545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54543694,	112	54803968	
545389110 54543990 54804158 545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54543786,	116	54804058	
545390110, 116 54544066 54804268 545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	25 505	54543990		54804158	
545391110, 116 545441100 54804358 545392110 54544284, 102, 118 54804458 545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 545465136 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54544066		54804268	
\$45392110 \$4544284, 102, 118 \$4804458 \$45393110 \$4544378, 106, 108 \$4804668 \$45394110 \$4544572 \$4804970 \$45395110, 112 \$4544696 \$4805070 \$45396110, 112 \$4544790 \$4805174 \$45397110 \$45465136 \$4805274 \$45398110 \$45467136 \$4805370 \$4540080 \$4547660 \$4805470, 102 \$4540482, 86 \$4601762, 64 \$4805670 \$4540958 \$4805670		545441100		54804358	
545393110 54544378, 106, 108 54804668 545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54544284,	102, 118	54804458	
545394110 54544572 54804970 545395110, 112 54544696 54805070 545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54544378,	106, 108	54804668	
545395110, 112 54544696 54805070 545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54544572		54804970	
545396110, 112 54544790 54805174 545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54544696		54805070	
545397110 545465136 54805274 545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	SAMESSAVE OF THE PROCESSAVE	54544790		54805174	
545398110 545467136 54805370 54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670	*	545465136	i e	54805274	
54540080 54547660 54805470, 102 54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		545467136		54805370	
54540482, 86 54549658 54805570 54540958 54601762, 64 54805670		54547660		54805470,	102
54540958 54601762, 64 54805670 F4805770		54549658		54805570	
546656 173 549057 70	10 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54601762,	64	54805670	
54541188	54541188	546656132		54805770	
54541770 546657132 54805874		546657132		54805874	
54541870, 98 546698106, 108 54805974		546698106	, 108	54805974	

Part No. Page No.	Part No.	Page No.	Part No.	Page No.
54806074	54809572		54813468	No.
54806172, 74, 94, 116	54809672		54813568	
124	54809772		54813668	
54806274	54809874		54813768	
54806374	54809974		54813978	
54806468, 74	54810074		54814078	
548065126	54810174		54814178	
548066126, 128, 134	54810274		54814276	, 92
54806770	54810374,	110	54814376	
54806870	54810474		54814476	
54806970	54810574		54814576	
54807070	54810674		54814676	
54807170	54810774		54814776	
54807274	54810874,	82	54814876	
54807370	54810974		54814976	
54807474	54811074		54815076	
54807570	54811272		54815176	, 112
54807670	54811372		54815276	R
54807770	54811472		54815376	
54807870	54811572		54815458	, 76, 78
54807970	54811672		54815576	5 5
54808070	54811772		54815676	
54808170	54811872		54815776	
54808270	54811972		54815876	
54808370	54812178		54815976	
54808472, 94	54812278		54816076	
54808570	54812378		54816160	
54808684	54812478		54816460	
54808770	54812672		54816560	
54808870	54812868		54816660	
54808992	54812968	6	54816758	, 60, 72, 82,
54809072	54813068			, 96, 106, 6, 122
54809172, 96	54813168		54816860	
548093100	54813268		54816910	
54809472	54813368		54817010	20
			2401/011/10	(5)

548171104 54821380 54824882 548173104 54821480 54824982 548174104 54821580 54825082 54817578 54821080 54825182 54817678 54821780 54825208 54817778 54621882 54825368 54817878 54821982 54825368 54817978 54821982 54825582 54818078 54822182 54825782 54818178 54822282 54825980 54818278 54822582 54826080 54818378 54822582 54826182 54818478 54822582 54826182 54818578 54822582 54826182 54818694, 116 54822582 54826282 54818699, 116 54822880 54826682 54818996 54823080 54826682 54819996 54823180 54826882 54819990 54823180 54826986 548199104 54823380 54827168 5	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
\$48173104 \$4821480 \$4824982 \$4817578 \$4821680 \$4825182 \$4817678 \$4821780 \$4825268 \$4817778 \$4821780 \$4825368 \$4817778 \$4821982 \$4825368 \$4817978 \$4821982 \$4825582 \$4817978 \$4822082 \$4825582 \$4818078 \$4822182 \$4825782 \$4818078 \$4822282 \$4825980 \$4818178 \$4822282 \$4826080 \$4818578 \$4822582 \$4826080 \$4818478 \$4822582 \$4826182 \$4818698, \$116 \$4822780 \$4826582, 86 \$48188106 \$4822980 \$4826686 \$48188106 \$4822980 \$4826682 \$4819996 \$4823080 \$4826882 \$4819999 \$4823180 \$4826882 \$4819990 \$4823380 \$4827086 \$48200104 \$4823580 \$4827168 \$48200104 \$4823580 \$4827168			·	. 435 1101	New years of the same of the same	-8-
548174104 \$4821580 \$4825082 54817578 \$4821080 \$4825182 54817678 \$4821780 \$54825268 54817778 \$4821882 \$4825368 54817878 \$4821992 \$4825482 54817978 \$4822082 \$4825582 54818078 \$4822182 \$4825782 54818178 \$4822282 \$4825980 54818278 \$4822382 \$4826080 54818378 \$4822482 \$4826182 54818478 \$4822582 \$4826182 54818578 \$4822682, 106, 108 \$4826480 54818698, 116 \$4822780 \$4826682 548188106 \$4822880 \$4826680 548188106 \$4822980 \$4826680 54819996 \$4823080 \$4826986 54819296 \$4823180 \$4826986 548199106 \$4823380 \$4827168 548199104 \$4823580 \$4827168 548199104 \$4823580 \$4827168						
54817578 54821080 54825182 54817678 54821780 54825268 54817778 54621882 54825368 54817878 54821982 54825582 54817978 54822082 54825582 54818078 54822182 54825782 54818178 54822282 54825980 54818278 54822382 54826080 54818578 54822482 54826182 54818578 54822582 54826282 54818578 54822682, 106, 108 54826282 54818698, 116 54822780 54826282 548188106 54822980 54826582 5481996 54823080 54826686 5481996 54823180 54826882 5481990 54823180 54826986 54819106 54823380 54827168 54819106 54823580 54827168 54819100 54823580 54827168 54819104 54823580 54827782 54						
54817678 \$4821780 \$4825208 \$4817778 \$4821882 \$54825368 \$4817878 \$4821982 \$54825482 \$4817978 \$4822082 \$54825582 \$4818078 \$4822182 \$4825582 \$4818178 \$4822282 \$4825980 \$4818278 \$4822482 \$4826080 \$4818578 \$4822582 \$4826282 \$4818578 \$4822682, 106, 108 \$4826486 \$4818578 \$4822682, 106, 108 \$4826486 \$4818578 \$4822682, 106, 108 \$4826682 \$48185106 \$4822880 \$4826682 \$48185106 \$4822980 \$4826680 \$4819096 \$4823180 \$4826682 \$4819096 \$4823180 \$4826986 \$4819290 \$4823180 \$4827086 \$48199104 \$4823580 \$4827086 \$48290104 \$4823580 \$4827182 \$48200104 \$4823580 \$4827582 \$48200104 \$4823380 \$4827782 <						
54817778 54821882 54825368 54817878 54821982 54825482 54817978 54822082 54825582 54818078 54822182 54825980 54818178 54822282 54825980 54818278 54822482 54826080 54818578 54822582 54826282 54818578 54822682, 106, 108 54826486 54818578 54822682, 106, 108 54826582, 86 54818579 54822680 54826582, 86 548185106 54822980 54826680 5481996 54823080 54826882 54819096 54823180 54826986 54819296 54823180 54827086 54819910 54823380 54827086 548199104 54823380 54827086 548199104 54823580 54827168 548200104 54823380 54827182 548200104 54823380 54827582 54820090 54823380 54827782						
54817878 54821982 54825582 54817978 54822082 54825582 54818078 54822182 54825782 54818178 54822282 54825980 54818278 54822382 54826080 54818578 54822482 54826182 54818578 54822582 54826282 54818698, 116 54822780 54826582, 86 54818698, 116 54822780 54826680 548188106 54822880 54826680 54818996 54823080 54826882 54819096 54823080 54826882 54819096 54823180 54826986 54819296 54823380 54827168 548199104 54823380 54827168 548200104 54823580 54827286 548200104 54823780 54827386 548201104 54823880 54827782 548204104 54823880 54827782 54820580 54824080 54827782						
54817978 54822082 54825582 54818078 54822182 54825782 54818178 54822282 54825980 54818278 54822382 54826080 54818578 54822482 54826182 54818578 54822582 54826282 54818698, 116 54822780 54826582, 86 54818698, 116 54822880 54826680 548187106 54822880 54826680 54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823180 54826986 54819296 54823380 54827086 548199104 54823380 54827168 548199104 54823580 54827286 548200104 54823780 54827380 54820296, 104 54823880 54827582 548204104 54823880 54827782 54820580 54824080 54827966 54820680 54824180 54827966						
54818078 54822182 54825782 54818178 54822282 54825980 54818278 54822382 54820080 54818578 54822482 54826182 54818478 54822582 54826282 54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548187106 54822880 54826686 548188106 54822980 54826782 5481996 54823080 54826882 54819096 54823180 54826986 54819299 54823180 54827086 54819299 54823380 54827168 548195106 54823380 54827168 548199104 54823580 54827286 548200104 54823580 54827482, 86 54820398, 104 54823380 54827682 54820580 54824080 54827782 54820680 54824180 54827966 54820680 54824180 54828253						
54818178 54822282 54825980 54818278 54822332 54820080 54818378 54822482 54826182 54818478 54822582 54826282 54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548186106 54822880 54826680 548188106 54822980 54826782 54819996 54823080 54826882 54819096 54823180 54826986 54819299 54823280 54827086 548194106 54823380 54827168 548199104 54823380 54827286 548200104 54823580 54827386 548201104 54823780 54827482, 86 54820398, 104 54823380 54827682 548204104 54823990 54827782 54820580 54824090 54827782 54820680 54824180 54827966 54820780 54824180 54828253						
54818278 54822382 54826080 54818378 54822482 54826182 54818478 54822582 54826282 54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548187106 54822880 54826680 548188106 54822980 54826882 54819096 54823080 54826882 54819096 54823180 54826986 54819296 54823380 54827086 548194106 54823380 54827168 548199104 54823480 54827168 548200104 54823580 54827380 548200104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820680 54824180 54827966 54820780 54824180 54828058 54820830 54824180 54828058 54820980 54824180, 92 54828253						
54818378 54822482 54826182 54818478 54822582 54826282 54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548187106 54822880 54826686 548188106 54822980 54826682 54819096 54823080 54826882 54819096 54823180 54826986 54819296 54823380 54827086 548194106 54823380 54827168 548199104 54823480 54827286 548200104 54823580 54827386 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823990 54827782 54820580 54824080 54827966 54820680 54824180 54827966 54820830 54824368 54828158 54820980 54824468, 92 54828258 54821080 54822358 54822358 <						
54818478 54822582 54826282 54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548187106 54822880 54826680 548188106 54822950 54826782 54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823680 54827482, 86 54820398, 104 54823780 54827682 548204104 54823880 54827782 54820580 54824030 54827866 54820680 54824180 54828058 54820880 54824180 54828058 54820980 54824308 54828253 54821080 54824408, 92 54828253						
54818578 54822682, 106, 108 54826486 54818698, 116 54822780 54826582, 86 548187106 54822880 54826686 548188100 54822980 54826782 54819096 54823080 54826986 54819296 54823180 54827086 548194100 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823080 54827462, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827582 548204104 54823880 54827782 54820580 54824090 54827782 54820680 54824180 54827966 54820780 54824280 54828058 54820980 54824468, 92 54828253 54821080 54828480 54828358						
54818698, 116 54822780 54826582, 86 548187106 54822880 54826686 548188106 54822980 54826782 54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548199104 54823480 54827286 548200104 54823580 54827386 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824030 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828258 54820980 54824468, 92 54828258 54821080 54824580 54828358	54818478				54826282	
548187106 54822880 54826686 548188106 54822980 54826782 54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827380 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827966 54820680 54824180 54828058 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54818578		54822682,	106, 108	54826486	
548188106 54822980 54826782 54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827966 54820680 54824180 54828958 54820880 54824180 54828058 54820880 54824308 54828158 54820980 54824408, 92 54828253 54821080 54824580 54828358	54818698,	116	54822780		54826582,	86
54818996 54823080 54826882 54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823680 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823990 54827782 54820580 54824030 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820980 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824468, 92 54828253	548187106		54822880		54826686	
54819096 54823180 54826986 54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827966 54820680 54824180 54827966 54820780 54824388 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548188106		54822980		54826782	
54819296 54823280 54827086 548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824308 54828158 54820980 54824408, 92 54828258 54821080 54824580 54828358	54818996		54823080		54826882	8
548194106 54823380 54827168 548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823680 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824308 54828158 54820980 54824408, 92 54828253 54821080 54824580 54828358	54819096		54823180		54826986	
548195106 54823480 54827286 548199104 54823580 54827386 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824308 54828158 54820980 54824468, 92 54828258 54821080 54824580 54828358	54819296		54823280		54827086	
548199104 54823580 54827386 548200104 54823080 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548194106		54823380		54827168	
548200104 54823680 54827482, 86 54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548195106		54823480		54827286	
54820296, 104 54823780 54827582 54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548199104		54823580		54827386	
54820398, 104 54823880 54827682 548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548200104		54823080		54827482,	36
548204104 54823980 54827782 54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54820296,	104	54823780		54827582	
54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54820398,	104	54823880	a.	54827682	
54820580 54824080 54827866 54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	548204104		548239\$0		54827782	
54820680 54824180 54827966 54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54820580		54824080	£7		
54820780 54824280 54828058 54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54820680				54827966	
54820880 54824368 54828158 54820980 54824468, 92 54828253 54821080 54824580 54828358	54820780					
54820980 54824468, 92 54828253 54821080 54824580 54828358	54820880					
54821080 54824580 54828358	54820980			92		
2 52 52 52 52 52 52 52 52 52 52 52 52 52				***		
54824050 54828458	54821180		54824680		54828458	
54821280 54824782 54828558						

Part No.	Page No.	Part No.	Page No.	Part No. Page No.	
54828658	¥	54832584		54836460, 88, 122	
54828758		54832684		54836588	
54828858		54832784		54836688	
54829058		548328104		54836760, 88, 122	
54829158		54832986		548368104	
54829258		54833388		548369104	
54829358	¥ 2 - 8	54833484		548370104	
548296134		54833584		54837184	
548297134		54833686		54837284	
548298134		54833784		54837384	
548299134		54833884		54837484	
548300134		54833984		54837584	
548301134	3	54834084		54837684	
548302134		54834172		54837788	
548303134		54834284		54837888	
54830484		54834372		54837988	
54830584		54834484		54838088	
54830784		54834584		54838188	
54830860		54834684		54838288	
54830960		54834784		54838388	
54831060		54834884		54838490	
54831160		54834986		54838590	
54831284		54835086		54838690	
54831384		54835186		54838790	
54831484		54835286		54838890	
54831580		54835386		54838990, 126, 128	
54831684		54835486		54839190, 114, 126	
54831784		54835586		548392126	
54831884		54835686		548393120, 126	
54831984		54835788		548394114, 128	
54832084		54835988		548395120, 126	
54832184		54836088		548396114, 126	
54832284		54836160,	88, 122	54839790	
54832384		54836260,	88, 122	54839890	
54832484		54836360,	88, 122	54839990	

Part No.	Page No.	Part No.	Page No.	Part Mo.	Page No.
54840090	25.55 To Th	54843794		548476100	
54840190	S.	54843892		548477100	<u>.</u>
54840290		54843992		548478100	6
54840390		54844192		548479100	
54840490		54844292	*	54848072,	100, 106, 108
54840590		54844382,	92	548481100	
54840690,	118, 124	54844492		54848266	
54840790		54844594		54848366	
54840890		54844694	. (54848466	
54840990		54844994		54848566	
54841090		54845094		54848692	
54841190		54845196	5	54848792	
54841376		54845294		54848896	· //
54841490		548453102		54848996	
54841590,	92	548454102		54849096,	114
54841792	* *	54845592		54849174	
54841892		54845692		54849270,	74, 90, 104,
54841976,	92	54845794		118	
54842092	8	54845894		54849396	
54842192		54845994		54849496	
54842276,	92	54846094		54849596	f.
54842376,	92	54846198		54849678	
54842466		54846298		54849778	×
54842566		54846398		54849896	
54842658		54846598		54849996	
54842766		54846698		548500126 134	
54842866,	98, 114	54846798		548501126	
54842966		54846898			Mariana St.
54843068		54846998		548502126 134	
54843168		54847094		548503126	, 128, 130
54843266		54847194	P41	548504104	, 126, 128,
54843366		54847294		130	ľ
54843466		54847394		548505126	
54843594		54847494,	116		, 128, 130, 134
54843694	22	54847598		548507126	, 128, 130

Part No. Page No.	Part No. Page No.	Part No. Page No.
548508104	548544102	54858478
548509104	548545102	54858678
54851098	548546102	54858778
54851178, 98, 100	548547102	54858878
54851298	548549100	54858978
54851398	548550100	548590110
54851498	54855180	548591112
54851598	548552104	54859278, 112
54851698	548553104	548593112
54851798	548555104	548594112
54851898	548557106	548595112
54851998	548558108	548596112
54852098	548559106, 108	548597112
54852198	548561106, 108	548598112
54852298	548563108	548599112
54852398	548564106, 108	548601106
54852498	548565106, 108	548602108
54852598	548566106, 108	54860370, 106, 108
54852698	548567106, 108	548604106
54852798	548568106	54860572
54852998	548569108	548606108
54853098	548570106	548607112
548531100	548571108	54860972
548532100	548572106	54861072
548533100	548573108	54861174
548534100	548574106, 108	54861274
548535100	548575106	54861374
548536100	548576108	54861474
548537100	548577106, 108	54861574
548538102	548578110	54861672
548539102	548579106, 108	54861796
548540102	548580106	54861896
548541102	548581108	54861996
548542102	548582110	54862072
548543102	548583110	548622114
(45.00.41.55.00.05.65.45.50.50.50.50.50.50.50.50.50.50.50.50.50	server districtive in the second seco	42010000 3034500 50000 7007477407

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
54862374		548664114		548706132	
548624106		548666114		548707132	5
548625112		548668114		548708132	F
548626102		548669114		548709132	E
548627112	i es	548670114		548710132	
548628112	<u>!</u> :	548671114		548711132	
548629112	:	548672114		548712136	
54863090		548676116		54871370	
54863190		548677116		548714104	, 126, 128,
548632110	i	548678116		130	
548634110) (548679116	8	548715126	, 128, 130
548635110)	548681116	8 14 8	548716118 130	
548636110		548682116		548717104	74 Sa
548637110):	548683116		130	
548638110)	548684116		548718118	, 126, 128,
54863972,	110	548685116		130	5 50
548640110	F	548686116		548719118 130	
548641110)	548687116		548720126	
548642110	ř	543688116		548721118	30 20 20
548643112		548689116		130	
548644112		548690116		548722104	
548645110		548691116	8	130	
548646110		548692116		548723138	
548647110		548693116		548724138	
54865092		548694116		548725138	
54865166		548695132		548726138	
54865298		548696132		548727138	
54865396		548698132		548728138	
548654112		548699132		548729138	
54865766			8	548730138	IS.
54865996		548701132		548731138	
54866096		548702132		548732138	
54866174		548703132		548733138	
54866274		548704132		548734138	
548663114		548705132	8	548735138	

Part No. Page No.	Part No. Page No.	Part No. Page No.
548736138	54877276	548831104
548737138	548773116	548832114
548738138	54879686	
548739138	548797106, 108	54883400, 122
548740138	54880094	548835130
548741138	548801114, 128	548836130, 134
548742138	548802126	548837118, 130, 134
548743138	548803132	548838130
548744138	548804128	548839130
548745138	548805136	548840130
548746138	548806136	548841130
548747138	548807136	548842130
548748138	548808136	548843118
548749138	548809136	548844118
548750138	548810136	548845118
548752126, 128	548811136	548846118
548753126, 128, 134	548812136	548847118
548754126, 128	548813136	548848118
548755126, 128	548814136	548849118
548756126, 128	548815136	54885084
548757126, 128	548816136	548851124
548758126, 128	548817136	548852124
548759126, 128	548818136	548853118
548760126, 128	548819136	548854118
548761126, 128	548820136	548855118
548762126, 128	548821136	548856130
548763126, 128	548822136	548857120, 130
548764126, 128	548823136	548858130
548765126, 128, 134	548824128	548859120
54876670, 126, 128	548825128	548800120
548767126, 128, 134	548826126, 128	548861120
548768126, 128	548827126, 128	548862120
548769126, 128	54882858	548863120
548770126, 128	548829134	548864122
548771126, 128	548830134	548865124

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
548866124		548901108		54897460	
548867124		54890286		54897572	
548868122		54890386		548976126	, 128
548869122	!	54890486		548977126	, 128
548870120	į.	54890586		54897890,	126, 128
548871122	<u>E</u>	54890672,	86	548979126	, 128
548872122	:	54890858	3	548980130	
548873122	<u>.</u>	54890958		548981120	, 130
548874122	:	54891162		548982130	
548875122		54891262		548983114	, 128
548876124	ķ.	54891362		548984114	, 128
548877124	Ĺa.	54891462		548985128	
548878124	ē	54891564		548986128	
548879124	k.	54891664		548987126	
54888070		54891764		548988126	i.
54888190		54891864		548989120	, 126
54888290	**	54891966		548990120	, 126
54888370	ð	54892088		548991130	
54888468		548922104		548992130	
548885116		548924132		54899370	
548886114		548925132		548994110)
134		548926132		549005138	
548887126		548927132		54900658	* ×
548888124		54892888		549008138	
548889124		54892960		54900966	
548890124		54893060		54901080	95
548891124		54893160	+2	549011114	0:
548892124		54893260		549012114	0.00
548893124		54893360		549013114	eë.
548894124	•	54893460		549014116	
54889686 54889786		548935118	, 130, 134	549015116	re-
548898120	i:	548936130		549016116	0
548899120		548937128	, 130	549017116	, s
548990106		54897072		549018116	İş
240300.1.100		548973104		54901972	

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
54902068		549208124			
549021138	3	549209110			
549022138	3	54921986			
549023138	3	54922086	8		
549024138	3	54924564			
549025138	3	54924664	a,		
549026138	3	54924764			
\$4902786,	, 106, 108, 110	54926098	**************************************	S	
549028138	3	549297134			
549098104	1	549298132	1 to		
54912884,	, 90				
54913680					
54913780					
549143136	5				
549144136	5				
549145136	5				50
54915384	94				
54915482	186 1960 1970				MI.
54915566	2				
54915898		*	-		
54915911	8		u u		į, c
54916011	8		14		
54916111	8				
54916211	8				
54916312	4				
54916412	4	22			
54916512	4				
54916612	2			£	
54916712	4				
54917911	0	*			
54918012	0				
54918111			**		, g ²⁷
54918586					v 60 E
54919062	88.5	*			
54919190	, 114, 126				

ALTERATIONS - 299U PARTS LIST

(Form U159)

Page 68

Alter description of part No. 548130 (Ref. No. 24) to Driving Wheel Clutch Stud (state size required) (2) and add following under No. 548130.

548130-001 Marked 0 (dia. 0.2115" - 0.2105")
548130-002 Marked 1 (dia. 0.2125" - 0.2115")
548130-003 Marked 2 (dia. 0.2135" - 0.2125")
548130-004 Marked 3 (dia. 0.2145" - 0.2135")
548130-005 Marked 4 (dia. 0.2155" - 0.2145")

Alter: 548134 Driving Wheel Stop Cam to 548995

Delete: 548131 Driving Wheel Clutch Stud Retainer (back) (Ref. No. 26)
548132 Driving Wheel Clutch Stud Retainer (front) (Ref. No. 27)
545259 (805) Driving Wheel Clutch Stud Retainer Screw (Ref. No. 28)

548133 Driving Wheel Clutch Stud Retainer Screw Washer (Ref. No. 29)
548884 Driving Wheel Stop Cam 548134 with 545259 (805), 548131,

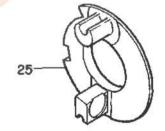
548132 and 548133 (Ref. No. 30)

Alter: Ref. Nos. 31 to 26, 32 to 27, 33 to 28, 34 to 29, 35 to 30, 36 to 31 and

37 to 32

Page 69

Insert new illustration Ref. No. 25 in place of present Ref. No. 30 and alter Ref. Nos. 31 to 26, 32 to 27, 33 to 28, 34 to 29, 35 to 30, 36 to 31 and 37 to 32



Page 76

Add following under part No. 548419

548419-001 Marked A (dia. 0.379" - 0.378") 548419-002 Marked B (dia. 0.378" - 0.377") 548419-003 Marked C (dia. 0.377" - 0.376")

Alter: 548145 Feed Driving Auxiliary Clutch Releaser Hand Lever to 548972 (Ref. No. 26)

Delete: 545270 (805) Feed Driving Auxiliary Clutch Releaser Hand Lever Screw

(Present Ref. No. 29)

Feed Driving Auxiliary Clutch Releaser Lever Roller Stud Nut Washer (Present Ref. No. 35)

Alter description of part No. 548153 (Present Ref. No. 36) to Feed Driving Auxiliary Clutch Releaser Lever Roller and Stud with 545273 (803) and 545423 (805)

Alter: Ref. Nos. 30 to 29, 31 to 30, 32 to 31, 33 to 32, 34 to 33, 36 to 34, 37 to 35, 38 to 36 and 39 to 37

Page 77

Delete illustrations Ref. Nos. 29 and 35 and alter Ref. Nos. 30 to 29, 31 to 30, 32 to 31, 33 to 32, 34 to 33, 36 to 34, 37 to 35, 38 to 36 and 39 to 37

Page 84

Alter: 504051 (850) Needle Holder Screw (2) to 549137 (803)

Page 86

Alter: 154983 (819) Needle Thread Leader Nut to 545418 (819)

Page 88

Alter: 545250 (803) Needle Vibrating Ring Guide Stud Set Screw to 504134 (850)

Page 90

Alter description of part No. 548385 to Pattern Wheel Adjusting Gear (stop ring) with two 504007 (850)

Alter: 549128 (803) Pattern Wheel Adjusting Gear (stop ring) Set Screw (2) to 504007 (850)

Page 92

Add following under part No. 548419

548419-001 Marked A (dia. 0.379" - 0.378") 548419-002 Marked B (dia. 0.378" - 0.377") 548419-003 Marked C (dia. 0.377" - 0.376")

Page 96

Alter: 154983 (819) Starting Rod Spring Support Lock Nut to 545418 (819)

Page 98

Alter: 504078 (805) Stitch Rotating Lever Connection Screw (upper) (2) to

545093 (803)

Alter description of part No. 548522 to Stitch Rotating Lever Connection (upper) complete, Nos. 548516, 548519, 548521 and two 545093 (803)

Page 102

Alter: 504502 (805) Stop Lever Lock Lever Stop Screw Nut to 154981 (819)

Page 104

Alter: #548328 Needle Thread Controller Cam with two 549098 (850) to #548608

Page 116

Alter: 504078 (805) Rapid Feed Starting Lever Latch Stop Washer Screw to 545093 (803)

Page 122

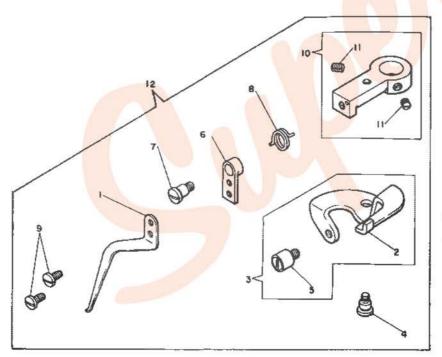
Alter: 154983 (819) Thread and Cord Cutting Driving Lever Roller Screw Stud Nut to 545418 (819)

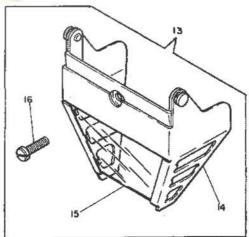
Alter description of part No. 548871 to Thread and Cord Cutting Driving Lever Roller complete, Nos. 545418 (819), 201873, 548872 and 549166 (803)

Page 139

Add following special fitting and accessory after page 139

Ref.	Part No.	Description
Needle	Thread Wiper	(for 299U123 Machine)
1	548648	Needle Thread Wiper Arm
2	548649	Needle Thread Wiper Arm Actuating Lever
3	548655	Needle Thread Wiper Arm Actuating Lever 548649 with 548654
4	545271 (803)	Needle Thread Wiper Arm Actuating Lever Hinge Screw
5	548654	Needle Thread Wiper Arm Actuating Lever Roller and Stud
6	548656	Needle Thread Wiper Arm Bracket
7	549160 (803)	Needle Thread Wiper Arm Bracket Hinge Screw
8	548667	Needle Thread Wiper Arm Bracket Spring
9	545307 (803)	Needle Thread Wiper Arm Screw (2)
10	548658	Needle Thread Wiper Bracket with two 504028 (850)
11	504028 (850)	Needle Thread Wiper Bracket Set Screw (2)
12	548674	Needle Thread Wiper complete, Nos. 545271 (803), 548648,
		548655, 548656, 548658, 548667, 549160 (803) and two 545307 (803)
Finger	Guard and Eye	Shield
13	549000	Finger Guard and Eye Shield 548999 with 545233 (810)
14	548999	Finger Guard and Eye Shield with 548263
15	548263	Finger Guard and Eye Shield Window
16	545233 (810)	Finger Guard and Eye Shield Screw

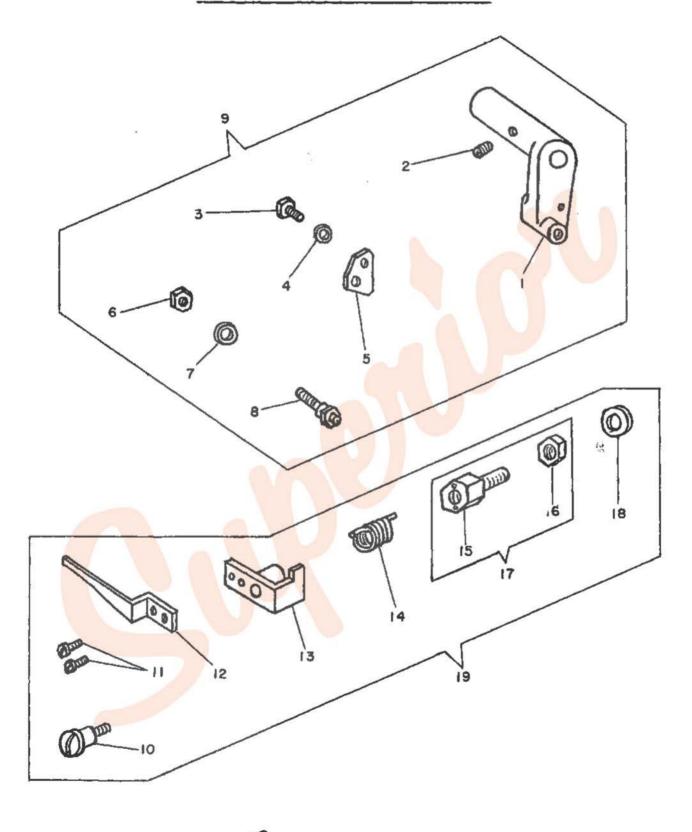




STOP LEVER RELEASE DELAYING MECHANISM

Ref.	Part	
No.	No.	Description
1	544502	Stop Lever Crank with 504056
2	504056 (830)	Stop Lever Crank Set Screw
3	545289 (805)	Stop Lever Release Delaying Lever Stop Block Screw
2 3 4 5	548061	Stop Lever Release Delaying Lever Stop Block Screw Washer
5	544511	Stop Lever Release Delaying Lever Stop Block
6	545407 (819)	Stop Lever Release Delaying Lever Stop Block Nut
7	547387	Stop Lever Release Delaying Lever Stop Block Nut Washer
8	544025 (803)	Stop Lever Link Connection Hinge Screw (back)
9	544552	Stop Lever Crank complete, Nos. 544025, 544502, 544511,
		545289, 545407, 547387 and 548061
10	545321 (803)	Stop Lever Release Delaying Lever Hinge Screw
11	545314 (803)	Stop Lever Release Delaying Lever Arm Screw (2)
12	544503	Stop Lever Release Delaying Lever Arm
13	544505	Stop Lever Release Delaying Lever Body
14	544510	Stop Lever Release Delaying Lever Spring
15	544507	Stop Lever Release Delaying Lever Bracket
16	545440 (805)	Stop Lever Release Delaying Lever Bracket Nut
17	544508	Stop Lever Release Delaying Lever Bracket 544507
		with 545440
18	544509	Stop Lever Release Delaying Lever Bracket Nut Washer
19	544553	Stop Lever Release Delaying Lever complete, Nos. 544503,
		544505, 544508, 544509, 544510, 545321 and two 545314
20	548492	Stop Lever Release Delaying Lever Release Pin

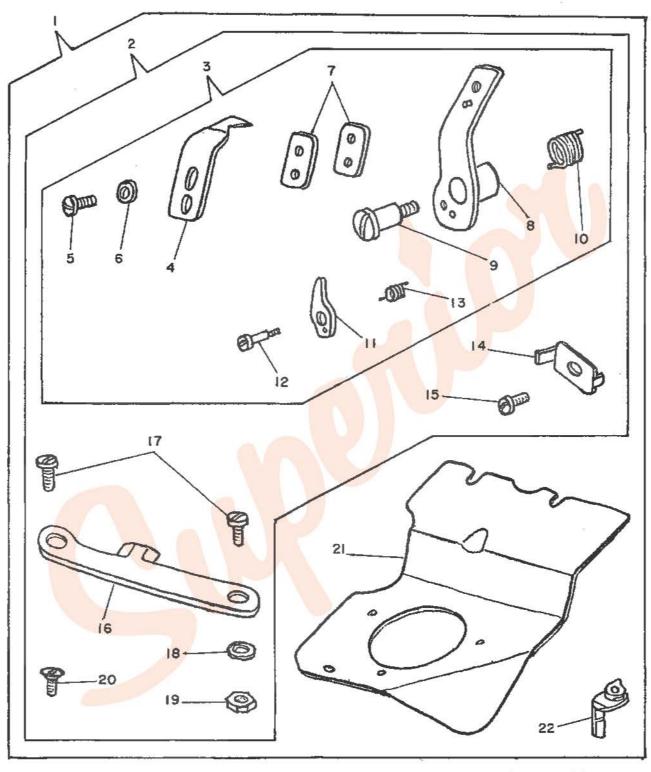
STOP LEVER RELEASE DELAYING MECHANISM

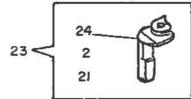


NEEDLE THREAD TRIMMER MECHANISM

Ref.	Part	
No.	No.	Description
7		
1	544547	Needle Thread Trimmer Mechanism complete, No. 544546
		with 544543 and 548255, for 299Ul30
2	544546	Needle Thread Trimmer Mechanism complete, Nos. 544538,
	o ^E	544539, 544542, 545314, 545413, 548167, 549159 and two
-	E 44570	504010
3	544539	Needle Thread Cutting Blade complete, Nos. 253622, 253623,
		504051, 544061, 544533, 544537, 544541, 548406, 549161
	FAAF77	and two 544540
4 5	544533 504051 (850)	Needle Thread Cutting Blade Needle Thread Cutting Blade Screw
6	548406	Needle Thread Cutting Blade Screw Washer
7	544540	Needle Thread Cutting Blade Shim (2)
7 8 9	544537	Needle Thread Cutting Blade Bracket
9	544061 (803)	Needle Thread Cutting Blade Hinge Screw
10	544541	Needle Thread Cutting Blade Spring
11	253622	Needle Thread Cutting Blade Pawl
12	549161 (803)	Needle Thread Cutting Blade Pawl Hinge Screw
13	253623	Needle Thread Cutting Blade Pawl Spring
14	544542	Needle Thread Cutting Blade Stop Plate
15	545314 (803)	Needle Thread Cutting Blade Stop Plate Screw
16	544538	Needle Thread Cutting Blade Cam Plate
17	504010 (803)	Needle Thread Cutting Blade Cam Plate Screw (2)
18	548167	Needle Thread Cutting Blade Cam Plate Screw Washer
19	545413 (803)	Needle Thread Cutting Blade Cam Plate Screw Nut
20	549159 (803)	Looper Frame Chip Guard Screw
21	548255	Looper Frame Chip Guard
100000	544543	Throat Plate, for 299Ul30 and 299U230
23	544548	Needle Thread Trimmer Mechanism complete, No. 544546
97	22	with 544544 and 548255, for 299U110
24	544544	Throat Plate, for 299Ull0 and 299U210

NEEDLE THREAD TRIMMER MECHANISM





TOP CORD LAYING MECHANISM

Ref.	Part	
No.	No.	Description
8 11		
1	544550	Top Cord Laying Mechanism complete, No. 544549 with 544530 and 544531, for 299Ul30
2	544549	Top Cord Laying Mechanism complete, Nos. 543063, 544521, 544523, 544524, 544528, 544529, 544559, 545235 and three 545314, for 299U110, 299U130, 299U210 and 299U230
3	544523	Upper Cord Leader complete, Nos. 544522, 544525, 544526, 544527, 545307 and two 544060
4	544522	Upper Cord Leader
5	544525	Upper Cord Leader Slide
6	544526	Upper Cord Leader Slide Bracket
7	544060 (805)	Upper Cord Leader Slide Hinge Screw (2)
8	545314 (803)	Upper Cord Leader Slide Bracket Screw
9	545307 (803)	Upper Cord Leader Screw
10	544527	Upper Cord Leader Slide Spring
11	544521	Upper Cord Guide
12	544524	Upper Cord Leader Lifting Lever
13	545314 (803)	Upper Cord Leader Lifting Lever Screw (2)
14	544559	Upper Tape Leader
15	544528	Work Clamp Check (right) Cord Holder (lower)
16	544529	Work Clamp Check (right) Cord Holder (upper)
17	545235 (803)	Work Clamp Check (right) Cord Holder Screw
18	543063	Thread Unwinder Spool Rest (for one spool) complete,
		Nos. 543064, 548812, 548814 and 548823
19	548823	Thread Unwinder Spool Pin complete, Nos. 548805,
20	F 4000F	548809, 548811 and 549143
20	548805	Thread Unwinder Spool Pin
21	548809	Thread Unwinder Spool Pin Cap
22	549143 (809)	Thread Unwinder Spool Pin Cap Hinge Screw
23	548811	Thread Unwinder Spool Pin Washer
24	548812	Thread Unwinder Spool Pin Rest (for one spool) (flat) with 549145
25	549145 (850)	Thread Unwinder Spool Rest Set Screw
26	548814	Thread Unwinder Spool Rest Cushion (felt)
27	543064	Thread Unwinder Thread Guide (long)
28	544530	Work Clamp Arm (left)
29	544531	Work Clamp Check (right), for 299U130 and 299U230
30	544551	Top Cord Laying Mechanism complete, No. 544549 with 544530 and 544532, for 2990110
31	544532	Work Clamp Check (right), for 299U110 and 299U210

TOP CORD LAYING MECHANISM

