Illustrated Parts List

Buttonhole Machines

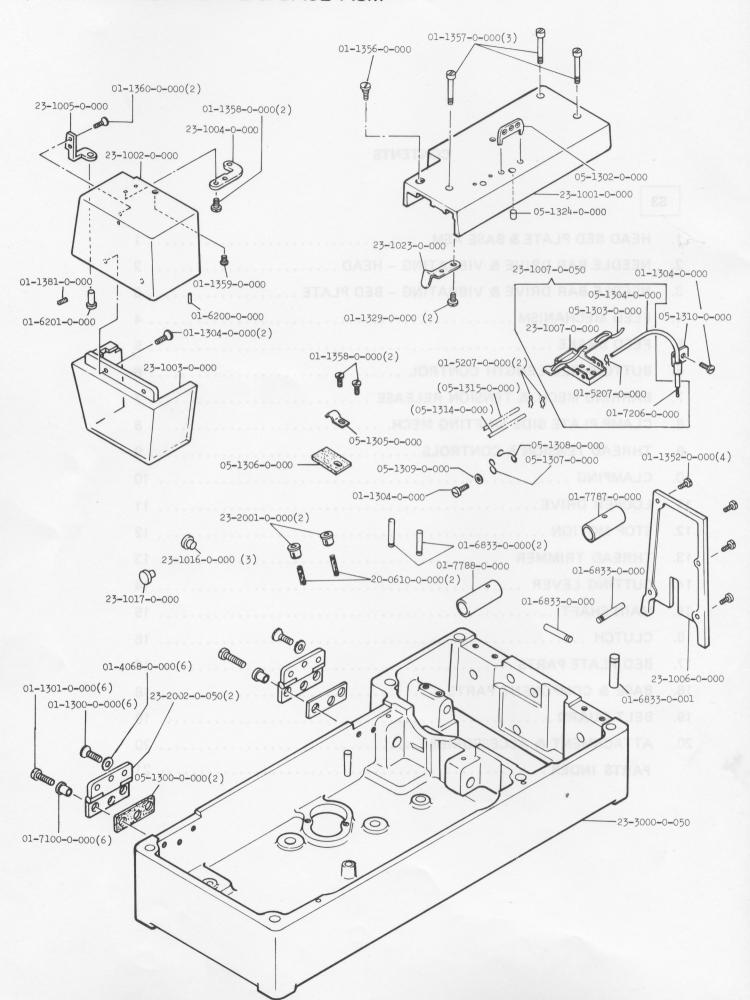


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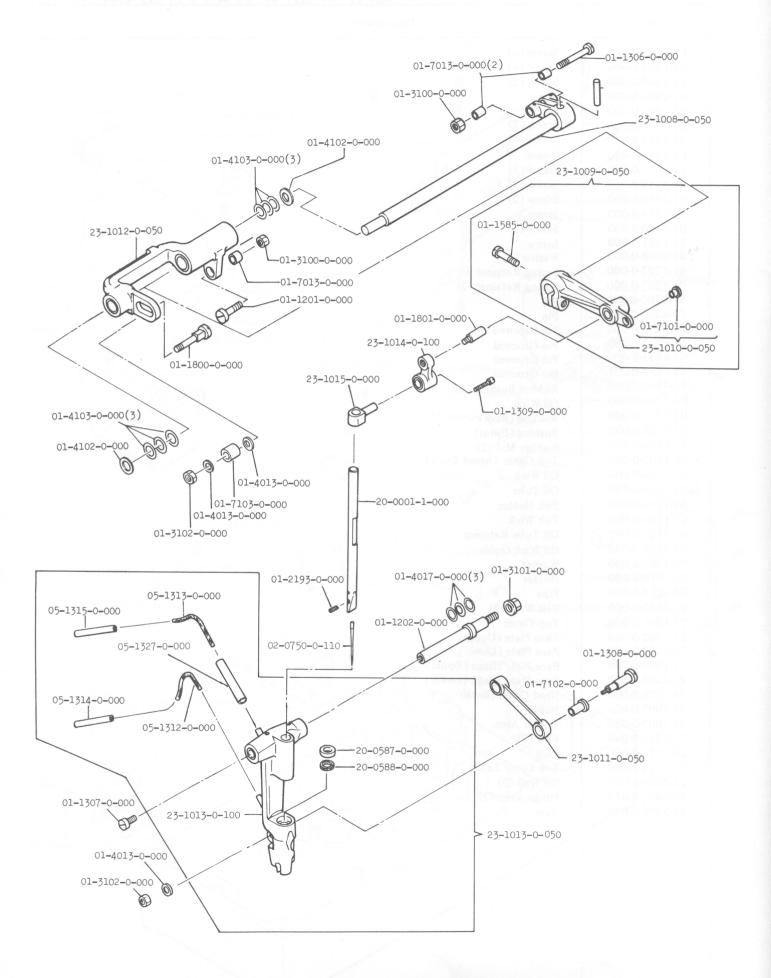
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1. HEAD BED PLATE & BASE ASM



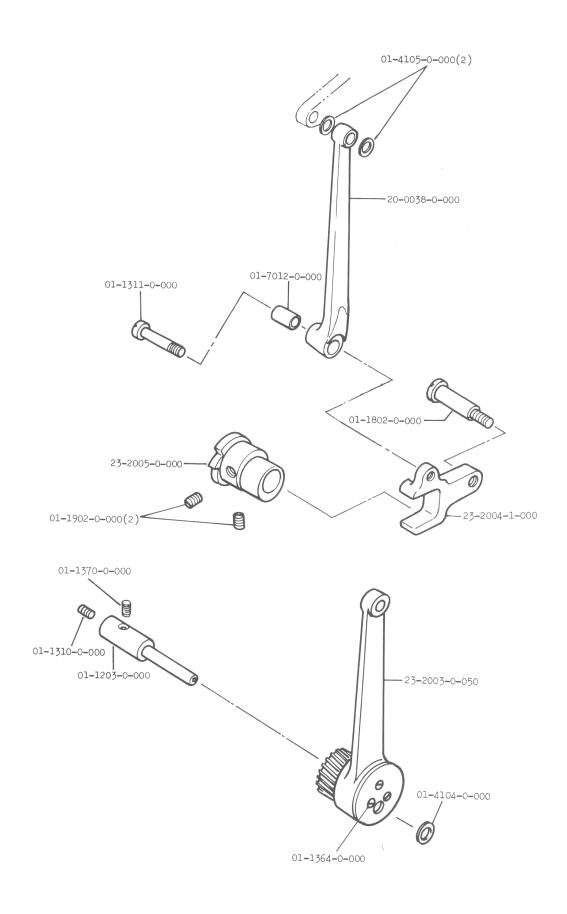
		55 – 1 –
No.	Description	
01-1300-0-000	Screw (6)	
01-1301-0-000	Screw (6)	
01-1304-0-000	Screw (2)	
01-1304-0-000	Screw	
01-1304-0-000	Screw	
01-1329-0-000	Screw (2)	
01-1352-0-000	Screw (4)	
01-1356-0-000	Screw	
01-1357-0-000	Screw (3)	
01-1358-0-000	Screw (2)	
01-1358-0-000	Screw (2)	
01-1359-0-000	Screw	
01-1360-0-000	Screw (2)	
01-1381-0-000	Screw	
01-4068-0-000	Washer (6)	
01-5207-0-000	Spring Retainer	
01-5207-0-000	Spring Retainer (2)	
01-6200-0-000	Pin	
01-6201-0-000	Pin	
01-6833-0-000	Pin-Grooved (2)	
01-6833-0-000	Pin-Grooved	
01-6833-0-000	Pin-Grooved	
01-6833-0-001	Pin-Grooved	
01-7100-0-000	Rubber Bushing (6)	
01-7206-0-000	Oil Wick	
01-7787-0-000	Bushing (Back)	
01-7788-0-000	Bushing (Front)	
05-1300-0-000	Rubber Mat (2)	
05-1302-0-000	Top Cover Thread Eyelet	
05-1303-0-000	Oil Wick	
05-1304-0-000	Oil Tube	
05-1305-0-000	Felt Holder	
05-1306-0-000	Felt Wick	
05-1307-0-000	Oil Tube Retainer	
05-1308-0-000	Oil Wick Guide	
05-1309-0-000	Washer	
05-1310-0-000	Holder	
05-1324-0-000	Pipe	
20-0610-0-000	Felt Wick (2)	
23-1001-0-000	Top Cover	
23-1002-0-000	Face Plate (Upper)	
23-1003-0-000	Face Plate (Lower)	
23-1004-0-000	Face Plate Hinge (Upper)	
23-1005-0-000	Face Plate Hinge (Lower)	
23-1006-0-000	Head Cover (Back)	
23-1007-0-000	Holder	
23-1007-0-050	Holder Asm.	
23-1016-0-000	Plug (3)	
23-1017-0-000	Plug	
23-1023-0-000	Top Cover Latch	
23-2001-0-000	Oil Well (2)	
23-2002-0-050	Hinge Asm. (2)	
23-3000-0-050	Base	

2. NEEDLE BAR DRIVE & VIBRATING - HEAD



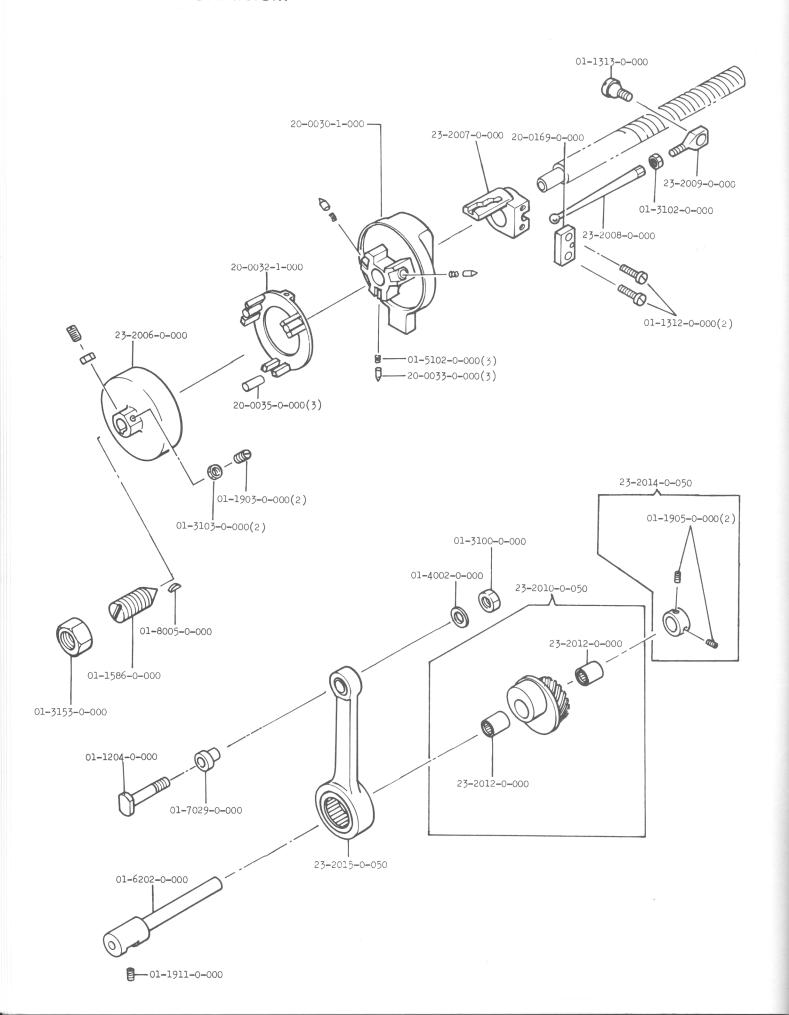
No.	Description	
1-1201-0-000	Stud	
1-1202-0-000	Stud	
1-1306-0-000	Screw	
1-1307-0-000	Screw	
1-1308-0-000	Eccentric Screw	
1-1309-0-000	Screw	
1-1585-0-000	Screw	
1-1800-0-000	Shoulder Screw	
1-1801-0-000	Shoulder Screw	
1-2193-0-000	Set Screw	
1-3100-0-000	Nut	
1-3100-0-000	Nut	
1-3101-0-000	Nut	
1-3102-0-000	Nut	
1-3102-0-000	Nut	
1-4013-0-000	Washer	
1-4013-0-000	Washer (2)	
1-4017-0-000	Shim (3)	
1-4102-0-000	Washer (2)	
1-4103-0-000	Washer (6)	
1-7013-0-000	Bushing	
1-7013-0-000	Bushing (2) Bushing	
1-7101-0-000 1-7102-0-000	Bushing	
1-7102-0-000	Bushing	
2-0750-0-110	Needle	
5-1312-0-000	Oil Wick	
5-1313-0-000	Oil Wick	
5-1314-0-000	Oil Tube (Long)	
5-1315-0-000	Oil Tube (Middle)	
5-1327-0-000	Oil Tube (Short)	
0-0001-1-000	Needle Bar	
0-0587-0-000	Wick Cover	
0-0588-0-000	Wick	
3-1008-0-050	Shaft Asm.	
3-1009-0-050	Drive Lever and Screw Asm.	
3-1010-0-050	Drive Lever Asm.	
3-1011-0-050	Link Asm.	
3-1012-0-050	Rocker Comp.	
3-1013-0-050	Rocker Asm.	
3-1013-0-100	Rocker Comp.	
3-1014-0-100	Link Comp.	
3-1015-0-000	Clamp	

3. NEEDLE BAR DRIVE & VIBRATING - BED PLATE



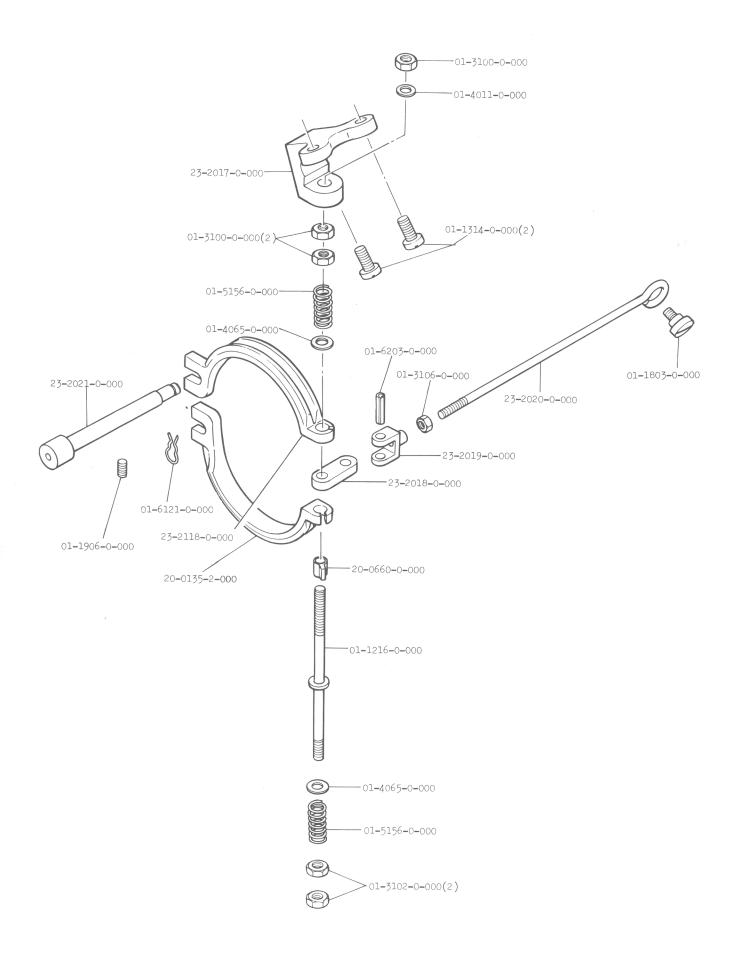
			S3 - 3 -
No.		Description	
01-1203-0-000 01-1310-0-000 01-1311-0-000 01-1364-0-000 01-1370-0-000 01-1802-0-000 01-1902-0-000 01-4104-0-000 01-4105-0-000 01-7012-0-000 20-0038-0-000 23-2003-0-050 23-2005-0-000	Stud Screw Screw Screw Screw (3) Set Screw Shoulder Screw Set Screw (2) Washer Washer (2) Bushing Link Small Gear & Link Asm. Bite Cam Follower Bite Cam		e, f

4. FEED MECHANISM



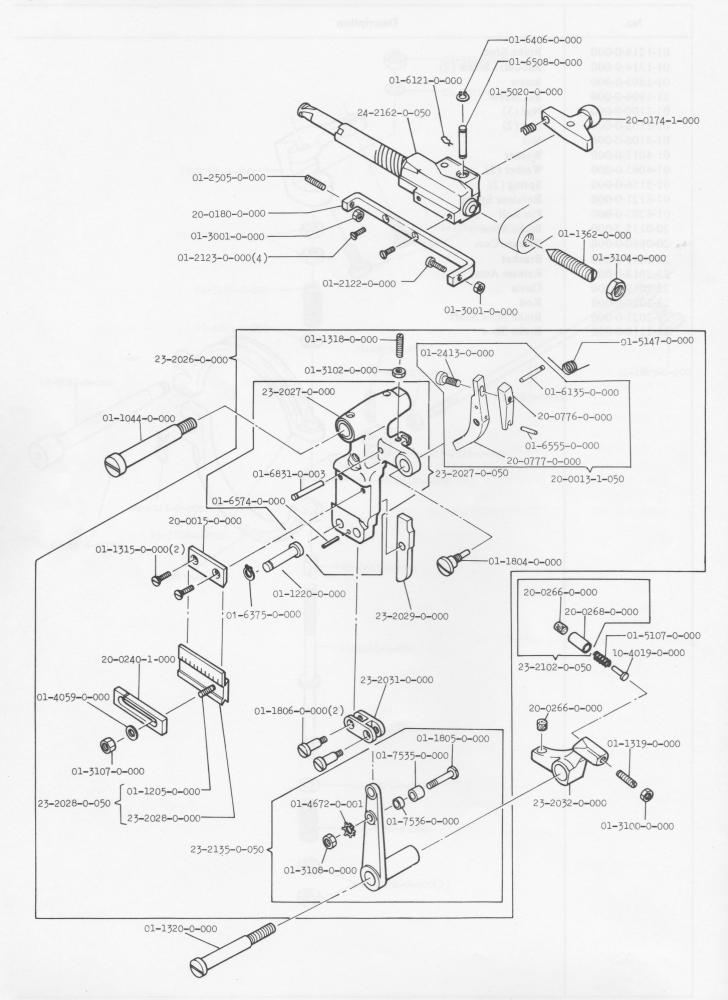
		S3 - 4
No.	Description	-
01-1204-0-000	Stud Screw	
01-1312-0-000	Screw (2)	
01-1313-0-000	Ball Screw	
01-1586-0-000	Bearing Screw	
01-1903-0-000	Set Screw (2)	
01-1905-0-000	Set Screw (2)	
01-1911-0-000	Set Screw	
01-3100-0-000	Nut	
01-3102-0-000	Nut	
01-3103-0-000	Nut (2)	
01-3153-0-000	Lock Nut	
01-4002-0-000	Washer	
01-5102-0-000	Spring (3)	
01-6202-0-000	Support Pin	
01-7029-0-000	Bushing	
01-8005-0-000	Key	
20-0030-0-000	Feed Cage	
20-0030-1-000	Feed Cage Asm.	
20-0032-1-000	Shifter Ring Asm.	
20-0033-0-000	Race Plunger (3)	
20-0035-0-000	Roller (3)	
20-0169-0-000	Bearing Cap	
23-2006-0-000	Feed Drum	
23-2007-0-000	Shifter.	
23-2008-0-000	Connecting Rod	
23-2009-0-000	Link	
23-2010-0-050	Eccentric and Gear	
23-2012-0-000	Bearing-Feed Eccentric (2)	
23-2014-0-050	Collar Asm.	
23-2015-0-050	Connecting Link Asm.	

5. FEED BRAKE



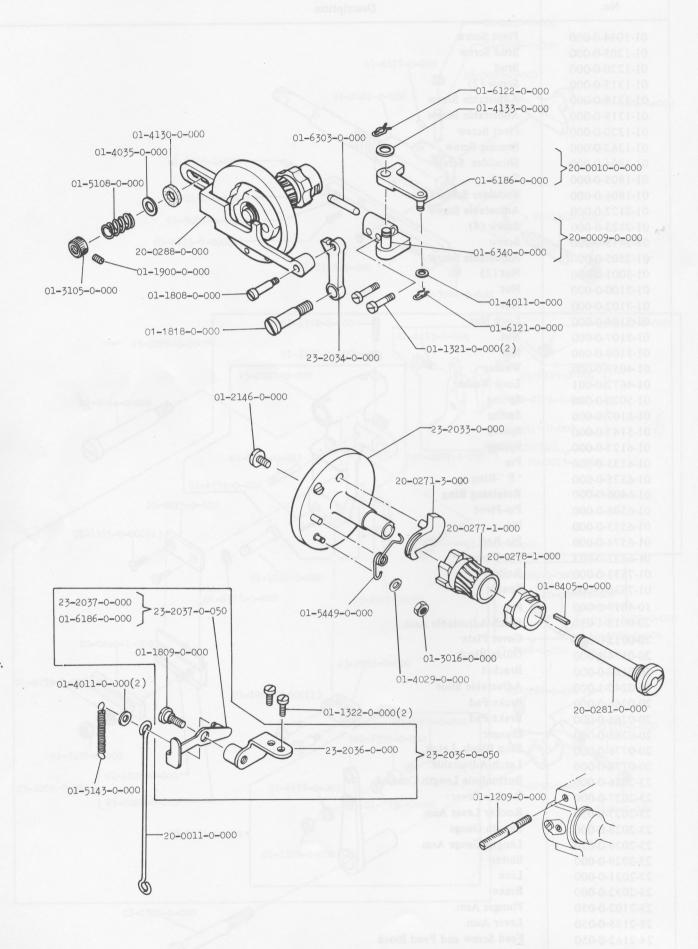
No.		Description	
01-1216-0-000 01-1314-0-000 01-1803-0-000 01-1906-0-000 01-3100-0-000 01-3102-0-000 01-4011-0-000 01-405-0-000 01-5156-0-000 01-6121-0-000 01-6203-0-000	Brake Stud Shoulder Screw (2) Screw Set Screw Nut (3) Nut (2) Nut Washer Washer (2) Spring (2) Retainer Spring Pin-Roll		
20-0135-2-000 20-0660-0-000 23-2017-0-000 23-2018-0-000 23-2019-0-000 23-2020-0-000 23-2021-0-000 23-2118-0-000	Brake Shoe Release Cam Bracket Release Asm. Clevis Rod Brake Shoe Shaft Brake Shoe		

6. BUTTONHOLE LENGTH CONTROL



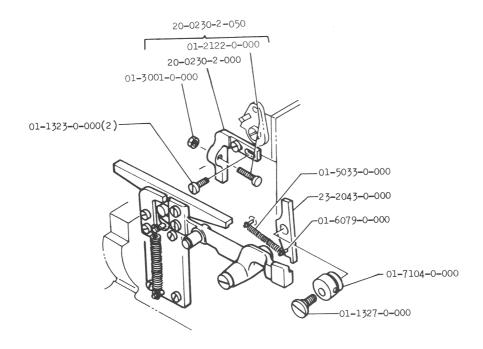
		55
No.	Description	
01-1044-0-000	Pivot Screw	
01-1205-0-000	Stud Screw	
01-1220-0-000	Stud	
01-1315-0-000	Screw (2)	
01-1318-0-000	Adjustable Screw	
01-1319-0-000	Adjustable Screw	
01-1320-0-000	Pivot Screw	
01-1362-0-000	Bearing Screw	
01-1804-0-000	Shoulder Screw	
01-1805-0-000	Screw	
01-1806-0-000	Shoulder Screw (2)	
01-2122-0-000	Adjustable Screw	
01-2123-0-000	Screw (4)	
01-2413-0-000	Screw	
01-2505-0-000	Adjustable Screw Nut (2)	
01-3001-0-000	Nut (2)	
01-3100-0-000	Nut	
01-3102-0-000	Lock Nut	
01-3104-0-000	Nut Nut	
01-3107-0-000 01-3108-0-000	Nut	
01-4059-0-000	Washer	
01-4672-0-001	Lock Washer	
01-5020-0-000	Spring	
01-5107-0-000	Spring	
01-5147-0-000	Spring	
01-6121-0-000	Spring	
01-6135-0-000	Pin	
01-6375-0-000	'E'-Ring	
01-6406-0-000	Retaining Ring	
01-6508-0-000	Pin-Pivot	
01-6555-0-000	Pin	
01-6574-0-000	Pin-Roll	
01-6831-0-003	Pin-Gloove	
01-7535-0-000	Roller	
01-7536-0-000	Spacer	
10-4019-0-000	Pin	
20-0013-1-050	Latch-Adjustable Asm.	
20-0015-0-000	Cover Plate	
20-0174-1-000	Guide Block	
20-0180-0-000	Bracket	
20-0240-1-000	Adjustable Slide	
20-0266-0-000	Brake Pad	
20-0266-0-000	Brake Pad	
20-0268-0-000	Plunger Stop Block, Latch	
20-0776-0-000	Latch-Adjustable.	
20-0777-0-000	Buttonhole Length Control	
23-2026-0-000 23-2027-0-000	Rocker Lever	
23-2027-0-000	Rocker Lever Asm.	
23-2027-0-030	Length Gauge	
23-2028-0-050	Length Gauge Asm.	
23-2029-0-000	Shiter	
23-2023-0-000	Link	
23-2031-0-000	Brake	
23-2102-0-050	Plunger Asm.	
23-2135-0-050	Lever Asm.	
24-2162-0-050	Feed Screw and Feed Block	

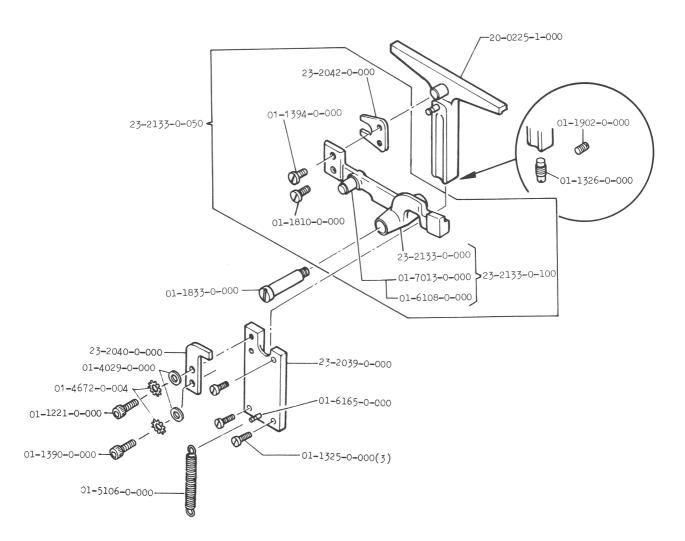
7. BARRING MECH. & TENSION RELEASE



No. Description		S3 -
Ol-1321-0-000 Screw (2)	No.	:
01-1322-0-000 01-1808-0-000 01-1808-0-000 01-1818-0-000 01-1900-0-000 01-1900-0-000 01-2146-0-000 01-3016-0-000 01-3016-0-000 01-3016-0-000 01-4011-0-000 01-4011-0-000 01-4011-0-000 01-4013-0-000 01-4035-0-000 01-4133-0-000 01-4133-0-000 01-5449-0-000 01-5143-0-000 01-6121-0-000 01-6121-0-000 01-6186-0-000 01-6186-0-000 01-6186-0-000 01-6340-0-000 01	1209-0-000	
01-1808-0-000	1321-0-000	
01-1818-0-000 Shoulder Screw 01-1900-0-000 Set Screw 01-2146-0-000 Serew 01-3016-0-000 Nut 01-3015-0-000 Nut-Round 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4335-0-000 Washer 01-4133-0-000 Friction Washer 01-5143-0-000 Spring 01-5143-0-000 Spring 01-5143-0-000 Spring 01-6121-0-000 Spring 01-618-0-000 Stud 01-618-0-000 Stud 01-618-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. Release Rod Pawl 20-0271-3-000 Pawl 20-0278-1-000 Bearing Stud 20-028-0-000 Shifting Lever 23-2033-0-000 Pawl Stop Lever 23-2036-0-000 Release Lever Bracket 23-2036-0-000 Release Lever Bracket Asm.<	1	
01-1818-0-000 Shoulder Screw 01-1900-0-000 Set Screw 01-2146-0-000 Set Screw 01-3016-0-000 Nut 01-3015-0-000 Nut-Round 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-413-0-000 Friction Washer 01-5143-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-618-0-000 Stud 01-618-0-000 Stud 01-618-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. 20-0027-1-000 Bracket Asm. 20-0277-1-000 Bearing Cam 20-028-0-000 Bearing Stud 23-2036-0-000 Pawl Stop Lever Release Lever Bracket Release Lever Bracket Asm. 23-2036-0-000 Release Lever Bracket Asm.		
01-1818-0-000 Shoulder Screw 01-1900-0-000 Set Screw 01-2146-0-000 Nut 01-3016-0-000 Nut-Round 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6340-0-000 Stud 01-6340-0-000 Key 02-0009-0-000 Bracket Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Bearing Cam 20-0281-0-000 Bearing Stud 20-0288-0-000 Shifting Lever 7-eda Reversing Cam Pawl Stop Lever 23-2036-0-000 Release Lever Bracket 23-2037-0-000 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
01-1900-0-000 Set Screw 01-3016-0-000 Nut 01-3015-0-000 Nut Nut 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-4133-0-000 Spring 01-5143-0-000 Spring 01-5143-0-000 Spring 01-5142-0-000 Spring 01-6121-0-000 Spring 01-618-0-000 Stud 01-618-0-000 Stud 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Exer Asm. 20-0011-0-000 Release Rod 20-0277-1-000 Bearing Cam 20-0281-0-000 Bearing Stud 20-0288-0-000 Shifting Lever 23-2036-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
01-3016-0-000 Nut 01-3105-0-000 Nut-Round 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-51249-0-000 Spring 01-6121-0-000 Spring 01-6186-0-000 Stud 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0277-1-000 Bearing Cam 20-0288-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2036-0-000 Release Lever Bracket 23-2037-0-000 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
01-3016-0-000 Nut 01-3105-0-000 Nut-Round 01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-5143-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Key 20-0010-0-000 Ever Asm. 20-0011-0-000 Release Rod 20-0277-1-000 Bearing Cam 20-0288-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2036-0-000 Release Lever Bracket 23-2037-0-000 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	2146-0-000	
01-3105-0-000 Nut-Round 01-4011-0-000 Washer 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-4133-0-000 Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6186-0-000 Stud 01-6186-0-000 Stud 01-6340-0-000 Stud 01-840-0-000 Stud 01-840-0-000 Key 20-0009-0-000 Bracket Asm. 20-0010-0-000 Lever Asm. 20-0271-3-000 Release Rod 20-0277-1-000 Bearing Cam 20-0288-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2036-0-000 Release Lever Bracket 23-2037-0-000 Release Lever Bracket Asm. Release Lever Bracket Asm. Release Lever Bracket Asm.	1	
01-4011-0-000 Washer (2) 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4133-0-000 Friction Washer 01-4133-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0009-0-000 Bracket Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-0278-1-000 Bearing Stud 20-028-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2033-0-000 Release Lever Bracket 23-2036-0-000 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm. Release Lever Bracket Asm.	1	
01-4011-0-000 Washer 01-4029-0-000 Washer 01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-5143-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-8405-0-000 Stud 01-8405-0-000 Bracket Asm. 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-028-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2034-0-000 Release Lever Bracket 23-2036-0-005 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.		
01-4029-000 Washer 01-4035-0-000 Washer 01-4130-000 Friction Washer 01-5198-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-0281-0-000 Bearing Stud 3-2033-0-000 Feed Reversing Cam 23-2034-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.		
01-4035-0-000 Washer 01-4130-0-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. 20-0011-0-000 Lever Asm. 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-0281-0-000 Bearing Stud 20-2028-0-000 Shifting Lever 23-2034-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	l l	
01-4130-000 Friction Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-8405-0-000 Key 20-0009-0-000 Bracket Asm. 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-0281-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2036-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
01-4133-0-000 Washer 01-5108-0-000 Spring 01-5143-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0271-3-000 Pawl 20-0278-1-000 Bearing Cam 20-0281-0-000 Shifting Lever 23-2033-0-000 Feed Reversing Cam 23-2034-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
01-5108-0-000 Spring 01-5143-0-000 Spring 01-5449-0-000 Spring 01-6121-0-000 Spring 01-6122-0-000 Cotter Pin 01-6186-0-000 Stud 01-6303-0-000 Pin 01-6340-0-000 Stud 01-8405-0-000 Key 20-0009-0-000 Bracket Asm. 20-0010-0-000 Lever Asm. 20-0011-0-000 Release Rod 20-0277-1-000 Worm Gear 20-0278-1-000 Bearing Cam 20-028-0-000 Bhifting Lever 23-2033-0-000 Feed Reversing Cam 23-2034-0-000 Release Lever Bracket 23-2036-0-050 Release Lever Bracket Asm. 23-2037-0-000 Release Lever Bracket Asm.	1	
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23-2037-0-000 Release Lever		
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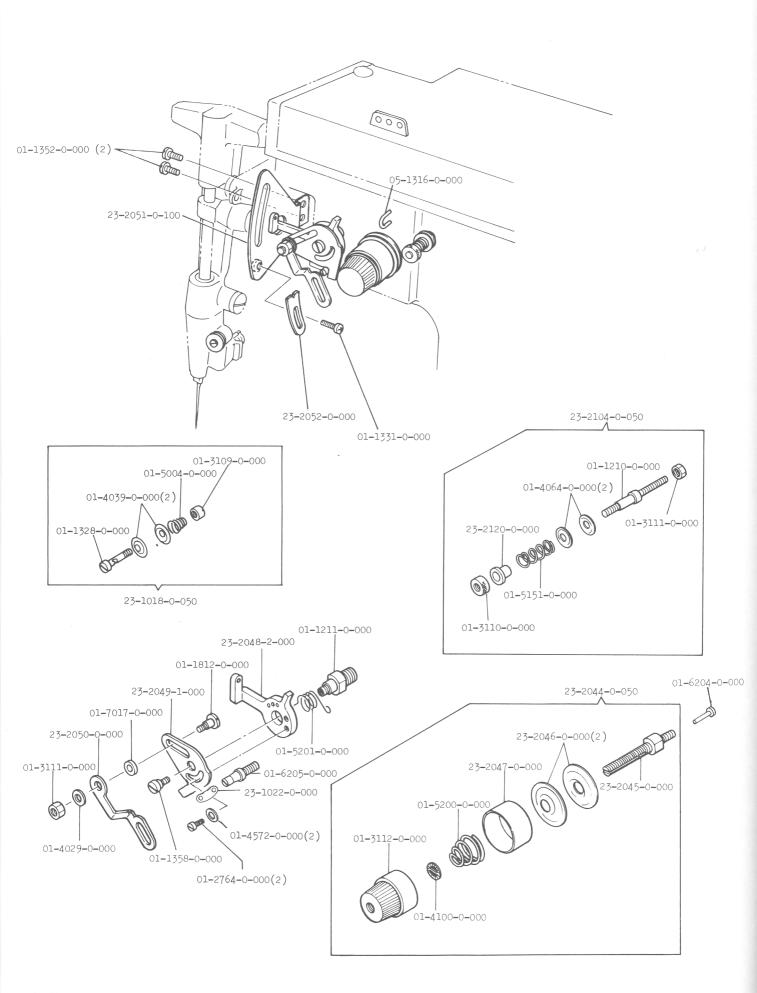
8. CLAMP PLATE SIDE SHIFTING MECH





		53 - 8 -
No.	Description	
01-1221-0-000	Screw	
01-1323-0-000	Screw (2)	
01-1325-0-000	Screw (3)	
01-1326-0-000	Screw	
01-1327-0-000	Screw	
1-1390-0-000	Screw	
1-1394-0-000	Screw	
1-1810-0-000	Shoulder Screw	
1-1833-0-000	Shoulder Screw	
1-1902-0-000	Set Screw	
1-2122-0-000	Screw	
1-3001-0-000	Nut	
1-4029-0-000	Washer (2)	
1-4672-0-004	Washer (2)	
-5033-0-000	Spring	
1-5106-0-000	Spring	
1-6079-0-000	Anchor Pin	
1-6108-0-000	Stud	
1-6165-0-000	Anchor Pin	
1-7013-0-000	Roll	
1-7104-0-000	Eccentric Bushing	
0-0225-1-000	Tee Piece Asm.	
0-0230-2-000	Adjustable Stop	
)-0230-2-050	Adjustable Stop Asm.	
3-2039-0-000	Cover Plate	
-2040-0-000	Stop	
3-2042-0-000	Adjusting Finger	
3-2043-0-000	Latch Asm.	
3-2133-0-000	Finger Lever	
3-2133-0-050	Finger Lever Asm.	
3-2133-0-100	Finger Lever Stud Asm.	
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9. THREAD TENSION & CONTROLS



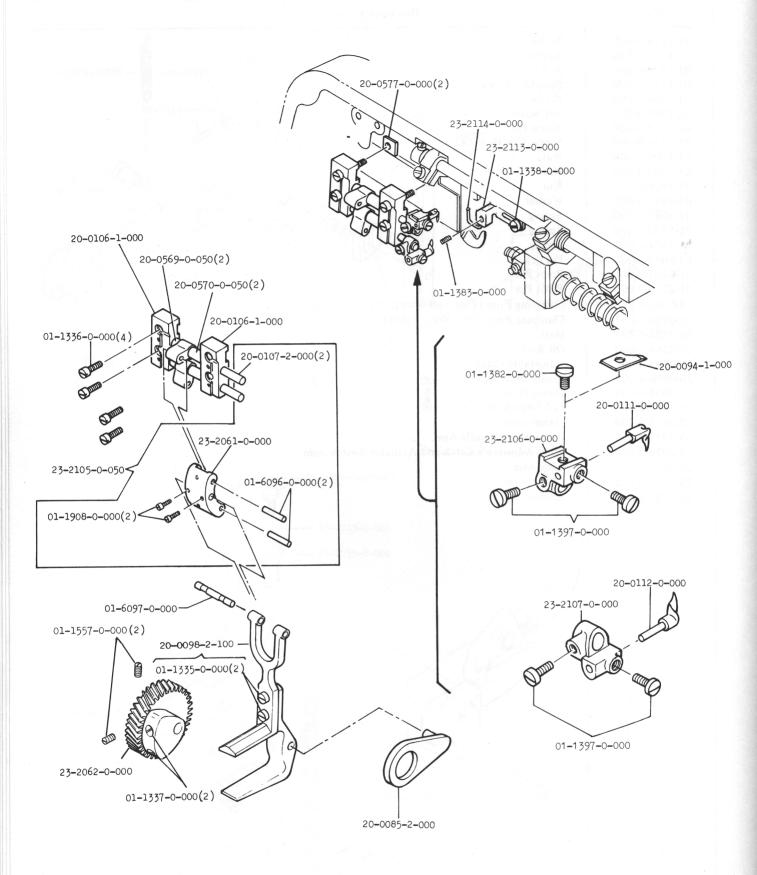
			S3 -	- <i>y</i>
	No.	Description		
Screw Scre	01-1210-0-000			
	01-1211-0-000			
Screw (2) Scre				
	01-1331-0-000			
101-2764-0-000 101-3110-0-000 101-3110-0-000 Adjustable Nut Nu				
13-3109-0-000 Round Nut Adjustable Nut N				
13-3111-0-000 Adjustable Nut N	01-2764-0-000			
101-3111-0-000 Nut Nut Nut Nut Nut Nut Nut Old-4029-0-000 Washer Tension Disc (2) Tension Asm. Tension Clarge Asm. Tension Disc (2) T	01-3109-0-000	Round Nut		
13-3111-0-000 Nut	01-3110-0-000	Adjustable Nut		
Nut Washer Tension Disc (2)	01-3111-0-000	Nut		
01-4029-0-000	01-3111-0-000	Nut		
Tension Disc (2) Washer (2) Spring (2)	01-3112-0-000	Nut		
Tension Disc (2) Washer Washer (2) Spring Sprin	01-4029-0-000	Washer		
01-4100-0-000 Washer Washer (2) Spring	01-4039-0-000	Tension Disc (2)		
1-4572-0-000	01-4064-0-000	Tension Disc (2)		
Spring S	01-4100-0-000	Washer		
Spring S	01-4572-0-000	Washer (2)		
101-5200-0-000 Spring Spring Spring Spring Pin	01-5004-0-000	Spring		
Di-5201-0-000	01-5151-0-000	Spring		
Di-6204-0-000	01-5200-0-000	Spring		
Di-6205-0-000	01-5201-0-000	Spring		
Bushing Thread Smoother	01-6204-0-000	Pin		
Thread Smoother Needle Bar Tension Asm.	01-6205-0-000	Pin		
Needle Bar Tension Asm. Washer Tension (Large) Asm. 23-2044-0-050 Tension (Large) Asm. 23-2045-0-000 Tension Disc (2) 23-2047-0-000 Releasing Disc 23-2048-2-000 Take-up Lever 23-2049-1-000 Adjusting Plate 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Tension (Small) Asm. Needle Bar Tension Asm. Washer Tension (Large) Tension Stud (Large) Tension Disc (2) Releasing Disc Take-up Lever Adjusting Plate Thread Guide Plate Thread Guide Adjusting Plate Tension (Small) Asm. Tension Asm. Tension (Small) A	01-7017-0-000	Bushing		
23-1022-0-000 Washer 23-2045-0-000 Tension (Large) Asm. 23-2046-0-000 Tension Disc (2) 23-2047-0-000 Releasing Disc 23-2048-2-000 Take-up Lever 23-2049-1-000 Adjusting Plate 23-2050-0-000 Link 23-2052-0-000 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2050-0-050 Thread Guide Adjusting Plate 23-2052-0-050 Tension (Small) Asm.	05-1316-0-000	Thread Smoother		
23-2044-0-050 Tension (Large) Asm. 23-2045-0-000 Tension Stud (Large) 23-2047-0-000 Tension Disc (2) 23-2048-2-000 Releasing Disc 23-2049-1-000 Adjusting Plate 23-2050-0-000 Link 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2104-0-050 Tension (Small) Asm.	23-1018-0-050	Needle Bar Tension Asm.		
23-2045-0-000 Tension Stud (Large) 23-2046-0-000 Tension Disc (2) 23-2047-0-000 Releasing Disc 23-2049-1-000 Take-up Lever Adjusting Plate Link 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2104-0-050 Tension (Small) Asm.	23-1022-0-000	Washer		
23-2046-0-000 Tension Disc (2) 23-2047-0-000 Releasing Disc 23-2048-2-000 Take-up Lever 23-2049-1-000 Adjusting Plate 23-2050-0-000 Link 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2104-0-050 Tension (Small) Asm.	23-2044-0-050	Tension (Large) Asm.		
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23-2048-2-000 23-2049-1-000 23-2050-0-000 23-2051-0-100 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-0000 23-2052-0-00000 23-205	23-2046-0-000	Tension Disc (2)		
23-2049-1-000 Adjusting Plate 23-2050-0-000 Link 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2104-0-050 Tension (Small) Asm.	23-2047-0-000	Releasing Disc		
23-2050-0-000 Link 23-2051-0-100 Thread Guide Plate 23-2052-0-000 Thread Guide Adjusting Plate 23-2104-0-050 Tension (Small) Asm.	23-2048-2-000	Take-up Lever		
Thread Guide Plate C3-2052-0-000 Thread Guide Adjusting Plate C3-2104-0-050 Tension (Small) Asm.		Adjusting Plate		
Thread Guide Adjusting Plate Tension (Small) Asm.	23-2050-0-000	Link		
23-2104-0-050 Tension (Small) Asm.				
	23-2052-0-000	Thread Guide Adjusting Plate		
23-2120-0-000 Check Collar	23-2104-0-050			
	23-2120-0-000	Check Collar		

10. CLAMPING 23-2057-0-050 01-5202-0-000 -01-3102-0-000 23-2058-0-050 01-1318-0-000 01-1906-0-000 23-2059-1-050 01-1813-0-000 01-3100-0-000 23-2134-0-000 01-6277-0-000 01-4011-0-000 01-5571-0-000 01-1332-0-000 20-0583-0-001 -01-3106-0-000 01-1333-0-000 **-**01**-**2355**-**0**-**000(2) 23-2115-0-000 23-2055-0-000 23-2054-0-050 20-0196-1-336-01-6055-0-000(2) 20-0196-1-337-01-2376-0-000(4) 01-5082-0-000 01-1907-0-000 20-0208-1-324 -20**-**0606**-**0**-**000(2) 01-6103-0-001 -23-2053-0-000

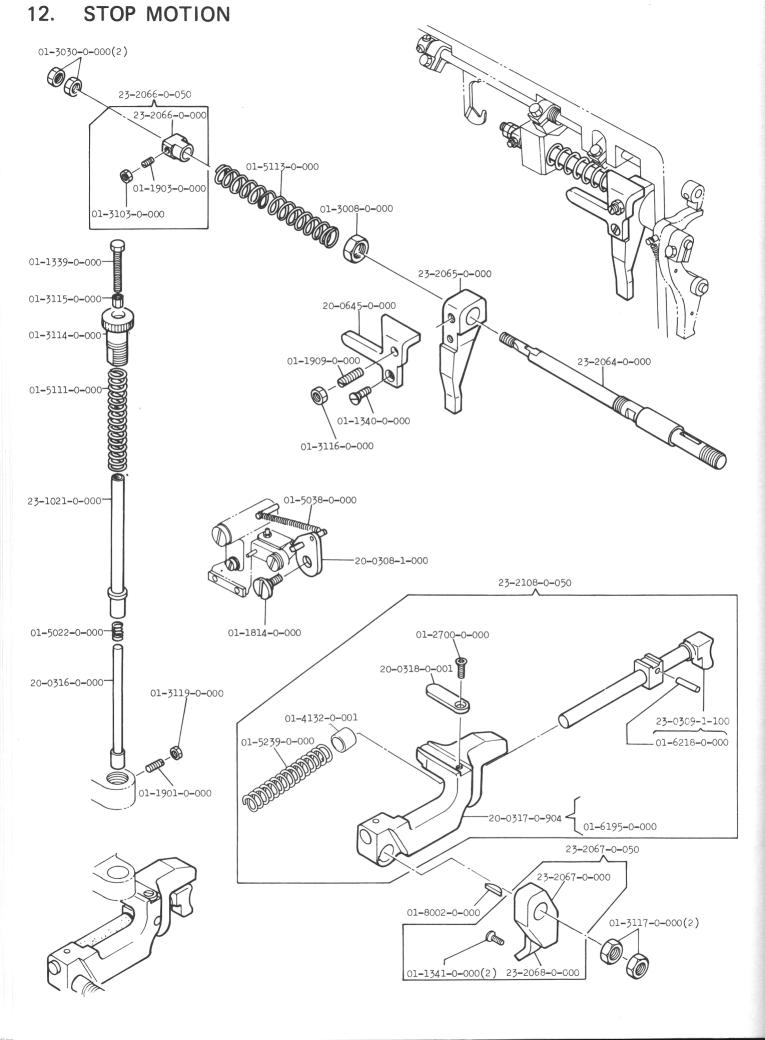
20-0566-0-000

		۵	3 – 10 –
No.	Description		
01-1318-0-000	Screw		
01-1332-0-000	Screw		
01-1333-0-000	Screw		
01-1813-0-000	Shoulder Screw		
01-1906-0-000	Screw		
01-1907-0-000	Set Screw		
01-2355-0-000	Screw (2)		
01-2376-0-000 01-3100-0-000	Screw-Flat Head (4) Nut		
01-3100-0-000	Nut		
01-3102-0-000	Nut		
01-4011-0-000	Washer		
01-5082-0-000	Spring		
01-5202-0-000	Spring		
01-5571-0-000	Spring		
01-6055-0-000	Pin (2)		
01-6103-0-001 01-6277-0-000	Pivot Pin Pivot Pin		
20-0196-1-336	Clamping Foot (Fine Left Short)		
20-0196-1-336	Clamping Foot (Fine Right Short)		
20-0190-1-337	Matt		
20-0566-0-000	Oil Wick		
20-0583-0-001	Adjustable Catch		
20-0606-0-000	Spring Guide (2)		
23-2053-0-000	Clamp Plate		
23-2054-0-050	Tail Piece Asm. Clamp Arm		
23-2055-0-000 23-2057-0-050	Unclamping Handle Asm.		
23-2058-0-050	Link, Adjustable Catch and Actuator Switch Asm.		
23-2059-1-050	Link Asm.		
23-2115-0-000	Clamp Arm		
23-2134-0-000	Anchor		
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11. LOOPER DRIVE

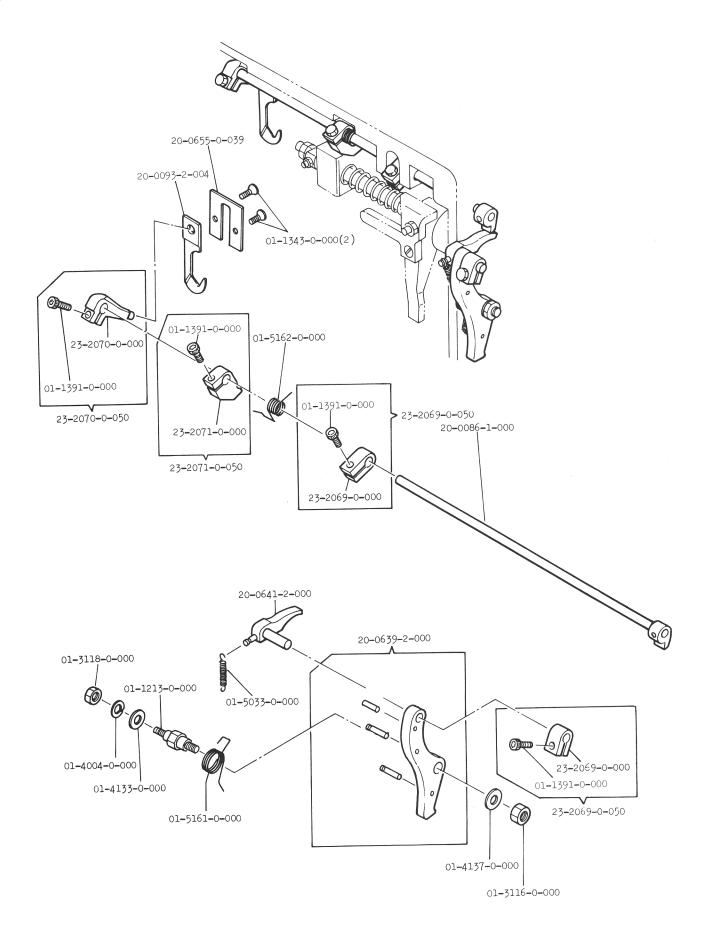


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No.	Description	
01-1335-0-000	Screw (2)	
01-1336-0-000	Screw (4)	
01-1337-0-000	Screw (large) (2)	
01-1338-0-000	Screw .	
01-1382-0-000	Screw	
01-1397-0-000	Screw (2)	
01-1397-0-000	Screw (2)	
01-1557-0-000	Screw (Small((2)	
01-1908-0-000	Screw (2)	
01-2401-0-000	Set Screw	
01-6096-0-000	Pivot Pin (2)	
01-6097-0-000	Pivot Pin	
20-0085-2-000	Rocker Asm.	
20-0094-1-000	Knife-Thread Trimmer	
20-0098-2-100	Looper Cam Follower Asm.	
20-0106-1-000	Bearing Blocks, Pair (replace both blocks at the same time)	
20-0107-2-000	Looper Drive Shaft (2)	
20-0111-0-000	First Looper	
20-0112-0-000	Second Looper	
20-0569-0-050	Spacing Collar (Parts are sold in pairs only)	
20-0570-0-050	Long Spacing Collar (Parts are sold in pairs only)	
20-0577-0-000	Key (2)	
23-2061-0-000	Rocker	
23-2062-0-000 23-2105-0-050	Feed Gear and Looper Cam Looper Drive Shaft Asm.	
23-2105-0-030	First Looper Holder	
23-2100-0-000	Second Looper Holder	
23-2107-0-000	Needle Guard Bracket	
23-2114-0-000	Needle Guard Wire	
25-2114-0-000	Notate Galla Wife	



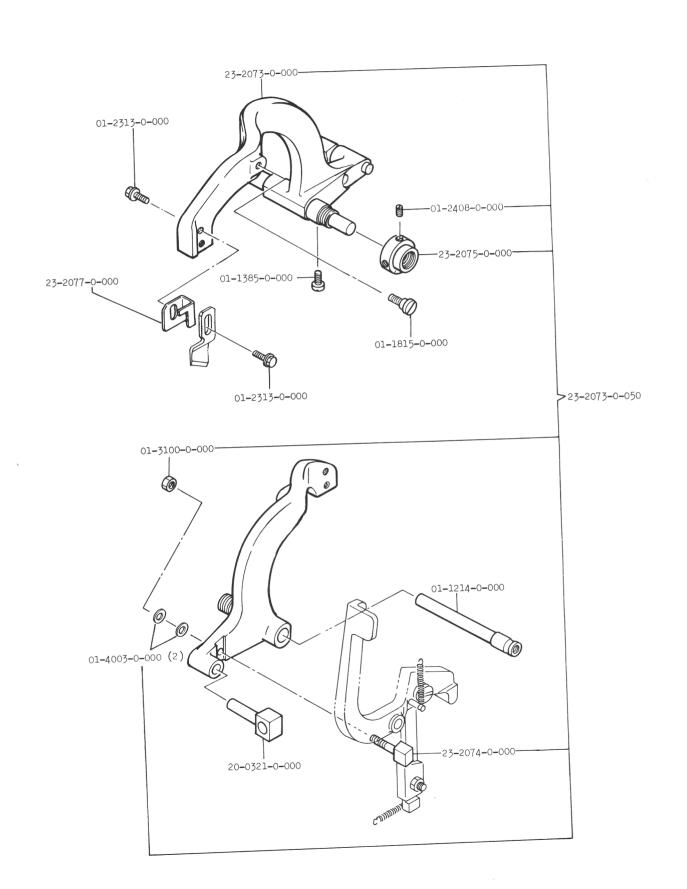
No. 01-1339-0-000 01-1340-0-000 01-1341-0-000 01-1814-0-000 01-1901-0-000 01-1903-0-000 01-1909-0-000 01-3008-0-000 01-3103-0-000 01-3115-0-000 01-3115-0-000 01-3115-0-000 01-3117-0-000 01-3119-0-000 01-3119-0-000 01-51310-0-000 01-5239-0-000 01-513-0-000 01-513-0-000 01-513-0-000 01-513-0-000 01-513-0-000 01-513-0-000 01-513-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000 20-0308-1-000	Screw Screw-Flat Head Screw (2) Shoulder Screw Set Screw Set Screw Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring	Descr	ription		
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01-1340-0-000 01-1341-0-000 01-1814-0-000 01-1901-0-000 01-1903-0-000 01-1909-0-000 01-2700-0-000 01-3008-0-000 01-3030-0-000 01-3103-0-000 01-3115-0-000 01-3116-0-000 01-3117-0-000 01-3119-0-000 01-3119-0-000 01-5038-0-000 01-513-0-000 01-513-0-000 01-5139-0-000 01-6218-0-000 01-8002-0-000	Screw-Flat Head Screw (2) Shoulder Screw Set Screw Set Screw Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring				
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01-1814-0-000 01-1901-0-000 01-1903-0-000 01-1909-0-000 01-2700-0-000 01-3008-0-000 01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3117-0-000 01-3117-0-000 01-3117-0-000 01-3119-0-000 01-3119-0-000 01-5038-0-000 01-513-0-000 01-513-0-000 01-6218-0-000 01-6218-0-000	Set Screw Set Screw Set Screw Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring				
01-1901-0-000 01-1903-0-000 01-1909-0-000 01-2700-0-000 01-3008-0-000 01-3030-0-000 01-3114-0-000 01-3115-0-000 01-3117-0-000 01-3119-0-000 01-3119-0-000 01-3119-0-000 01-3119-0-000 01-3119-0-000 01-3119-0-000 01-5022-0-000 01-513-0-000 01-513-0-000 01-6218-0-000 01-6218-0-000	Set Screw Set Screw Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring				
01-1909-0-000 01-2700-0-000 01-3008-0-000 01-3030-0-000 01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5131-0-000 01-5131-0-000 01-5139-0-000 01-6218-0-000 01-6218-0-000	Set Screw Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring				
01-2700-0-000 01-3008-0-000 01-3030-0-000 01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3117-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-513-0-000 01-513-0-000 01-6218-0-000 01-6218-0-000	Screw-Flat Head Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3008-0-000 01-3030-0-000 01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3117-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-513-0-000 01-513-0-000 01-6218-0-000 01-6218-0-000 01-8002-0-000	Nut Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3030-0-000 01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3116-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-513-0-000 01-513-0-000 01-6218-0-000 01-6218-0-000 01-8002-0-000	Lock Nut (2) Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3103-0-000 01-3114-0-000 01-3115-0-000 01-3116-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5138-0-000 01-5111-0-000 01-5139-0-000 01-6218-0-000 01-6218-0-000 01-8002-0-000	Lock Nut Adjusting Nut Lock Nut Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3114-0-000 01-3115-0-000 01-3116-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6218-0-000 01-8002-0-000	Adjusting Nut Lock Nut Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3115-0-000 01-3116-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5138-0-000 01-5111-0-000 01-5239-0-000 01-6218-0-000 01-8002-0-000	Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3116-0-000 01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-538-0-000 01-5111-0-000 01-5139-0-000 01-6218-0-000 01-6218-0-000 01-8002-0-000	Lock Nut Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3117-0-000 01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6218-0-000 01-8002-0-000	Lock Nut (2) Nut Spacer Spring Spring Spring Spring Spring Spring Spring				
01-3119-0-000 01-4132-0-001 01-5022-0-000 01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6218-0-000 01-8002-0-000	Nut Spacer Spring Spring Spring Spring Spring Spring				
01-4132-0-001 01-5022-0-000 01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6218-0-000 01-8002-0-000	Spacer Spring Spring Spring Spring Spring Spring				
01-5022-0-000 01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000	Spring Spring Spring Spring Spring				
01-5038-0-000 01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000	Spring Spring Spring Spring				
01-5111-0-000 01-5113-0-000 01-5239-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000	Spring Spring Spring				
01-5113-0-000 01-5239-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000	Spring Spring				
01-5239-0-000 01-6195-0-000 01-6218-0-000 01-8002-0-000	Spring				
01-6195-0-000 01-6218-0-000 01-8002-0-000					
01-6218-0-000 01-8002-0-000	C41				
01-8002-0-000	Stud				
	Taper Pin				
2U-U3U8-T-UUU	Key Latch				
	Plunger				
20-0316-0-000 20-0317-0-904	Stop Bolt Holder	Aem			
20-0317-0-904	Anvil	ASIII.			
20-0645-0-000	Bracket				
23-0309-1-100	Stop Bolt Asm.				
23-1021-0-000	Guide Rod				
23-2064-0-000	Shaft				
23-2065-0-000	Arm				
23-2066-0-000	Adjustable Collar				
23-2066-0-050	Adjustable Collar	Asm.			
23-2067-0-000	Actuator				
23-2067-0-050	Actuator Comp.				
23-2068-0-000	Plate-Actuator				
23-2108-0-050	Stop Bolt & Bolt I	Holder Asm.			

13. THREAD TRIMMER



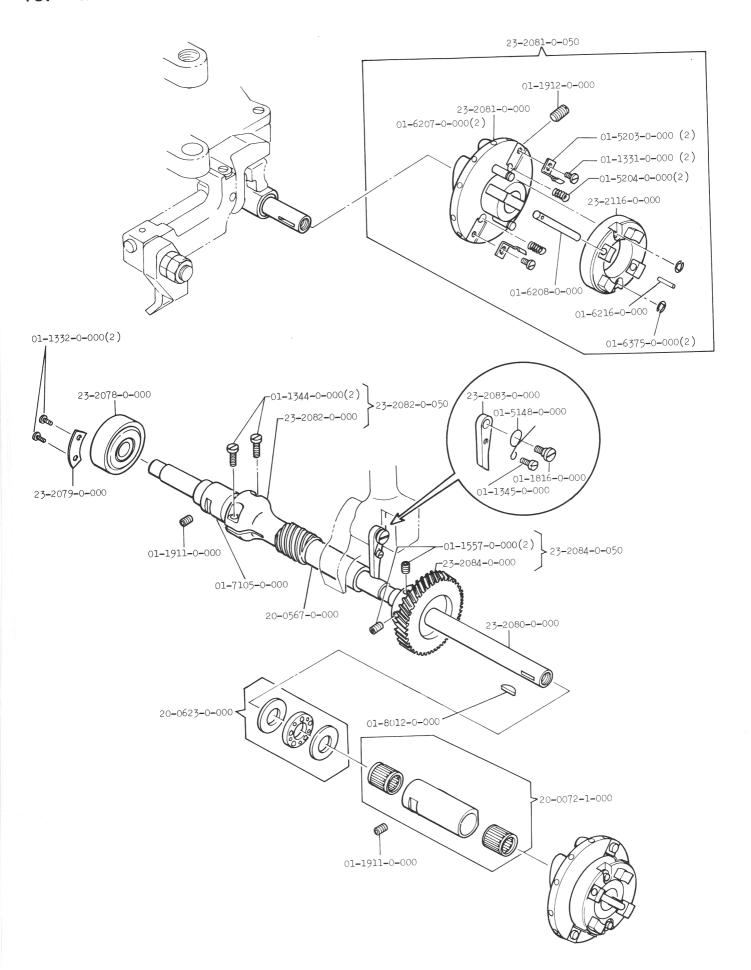
No.	Description	
01-1213-0-000	Stud	
01-1343-0-000	Screw-Flat Head (2)	
01-1391-0-000	Screw	
01-3116-0-000	Nut	
01-3118-0-000	Nut	
01-4004-0-000	Lock Washer	
01-4133-0-000	Washer	
01-4137-0-000	Washer	
01-5033-0-000	Spring	
01-5161-0-000	Spring Spring	
01-5162-0-000 20-0086-1-000	Ratchet and Rod Asm.	
20-0086-1-000	Trimmer Hook	
20-0639-2-004	Lever Asm.	
20-0639-2-000	Pawl	
20-0655-0-039	Cover Plate	
23-2069-0-000	Safety Arm (2)	
23-2069-0-050	Safety Arm Asm. (2)	
23-2070-0-000	Trimmer Actuator	
23-2070-0-050	Trimmer Actuator Asm.	
23-2071-0-000	Stop Arm	
23-2071-0-050	Stop Arm Asm	

14. CUTTING LEVER



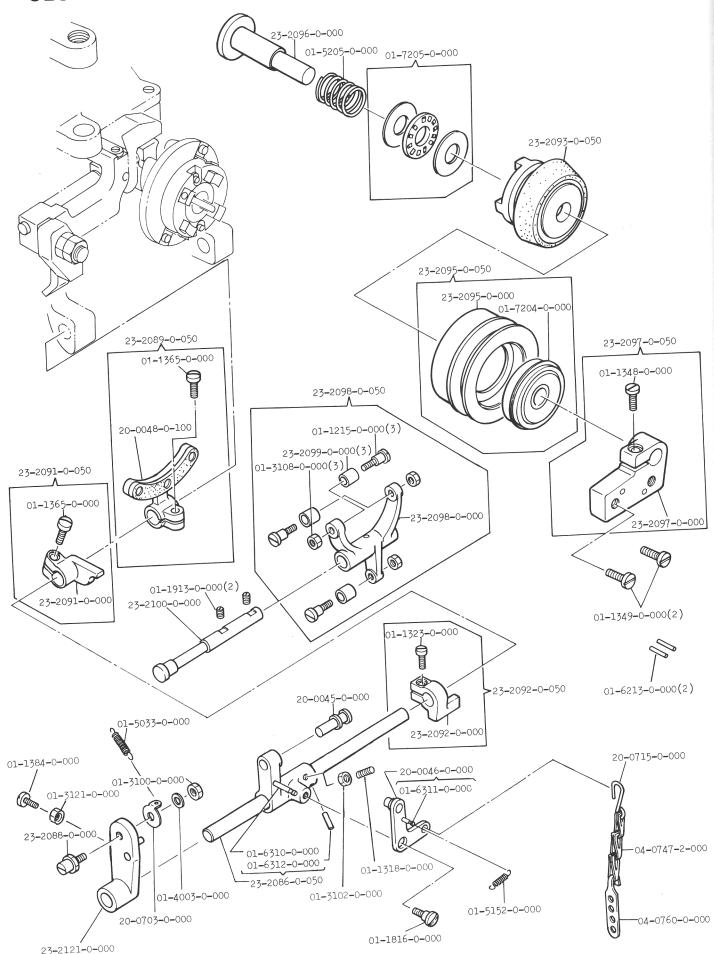
			S3 - 14
No.	Description	1	
01-1214-0-000 01-1385-0-000 01-1815-0-000 01-2313-0-000 01-2313-0-000 01-2408-0-000 01-3100-0-000 01-4003-0-000 20-0321-0-000 23-2073-0-000 23-2073-0-050	Pivot Stud Set Screw Shoulder Screw Screw Screw Set Screw Nut Lock Washer (2) Pivot Block Cutting Lever Cutting Lever Asm.		
23-2074-0-000 23-2075-0-000 23-2077-0-000	Stop Post Collar Knife Plate		
,			

15. MAIN SHAFT



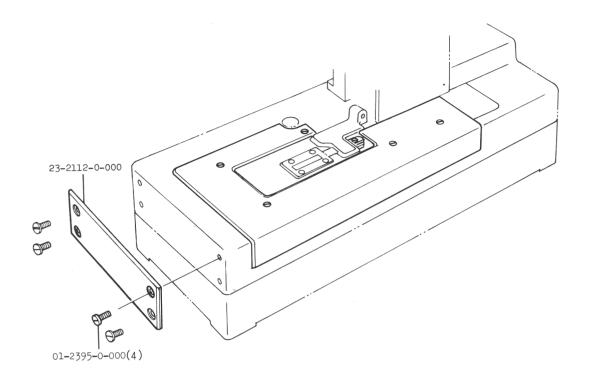
			55 15
No.		Description	
01-1331-0-000 01-1332-0-000 01-1344-0-000 01-1345-0-000 01-1557-0-000 01-1816-0-000 01-1911-0-000	Screw (2) Screw (2) Screw (2) Screw Set Screw (2) Shoulder Screw Set Screw (2)		
01-1912-0-000 01-5148-0-000 01-5203-0-000 01-5204-0-000 01-6207-0-000 01-6208-0-000 01-6216-0-000	Set Screw Spring Spring (2) Spring (2) Ring Pin (2) Pin Pin		
01-6375-0-000 01-7105-0-000 01-8012-0-000 20-0072-1-000 20-0567-0-000 20-0623-0-000 23-2078-0-000	Snap Ring (2) Bushing Key Bushing Asm. Space Collar Bearing-Thrust Bearing		
23-2079-0-000 23-2080-0-000 23-2081-0-000 23-2081-0-050 23-2082-0-000 23-2082-0-050 23-2083-0-000	Retaining Plate Shaft Drive Pulley Drive Pulley Asm. Worm Gear Worm Gear Asm. Pawl		
23-2084-0-000 23-2084-0-050 23-2116-0-000	Gear (Large) Gear Asm. Ring		

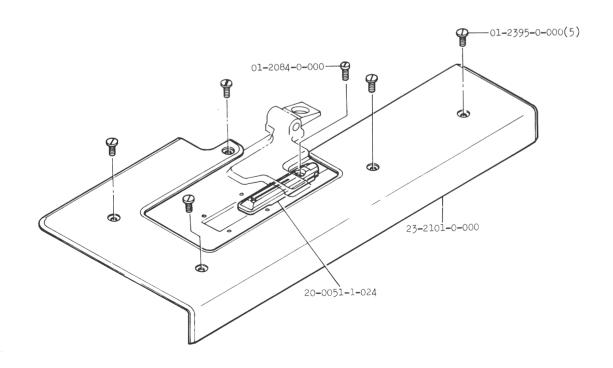
16. CLUTCH



			55	10
No.	Description			
01-1215-0-000	Stud (3)			
01-1318-0-000	Screw			
01-1323-0-000	Screw			
01-1348-0-000	Screw			
01-1349-0-000	Screw (2)			
01-1365-0-000	Screw			
01-1365-0-000	Screw			
01-1384-0-000	Screw			
01-1816-0-000	Shoulder Screw			
01-1913-0-000	Set Screw (2)			
01-3100-0-000	Nut			
01-3102-0-000	Nut			
01-3108-0-000	Nut (3)			
01-3121-0-000	Nut			
01-4003-0-000	Lock Washer			
01-5033-0-000	Spring			
01-5152-0-000	Spring			
01-5205-0-000	Spring			
01-6213-0-000	Pin (2)			
01-6310-0-000	Pin			
01-6311-0-000	Pin			
01-6312-0-000	Taper Pin			
01-7204-0-000	Bearing-Ball			
01-7205-0-000	Bearing-Thrust			
04-0747-2-000	Chain			
04-0760-0-000	Adjustable Link			
20-0045-0-000	Plunger			
20-0046-0-000	Bell Crank Asm.			
20-0048-0-100	Brake Shoe Asm.			
20-0703-0-000	Anchor			
20-0715-0-000	Chain Hook			
23-2086-0-050	Shifter Shaft Asm.			
23-2088-0-000	Shifter Stud			
23-2089-0-050	Brake Shoe and Screw Asm.			
23-2091-0-000	Clutch Driving Arm			
23-2091-0-050	Clutch Driving Arm Asm.			
23-2092-0-000	Clutch Start Arm (Right)			
23-2092-0-050	Clutch Start Arm (Right) Asm.			
23-2093-0-050	Clutch Asm.			
23-2095-0-000	Clutch Pulley			
23-2095-0-050	Clutch Pulley Asm.			
23-2096-0-000	Shaft			
23-2097-0-000	Bracket			
23-2097-0-050	Bracket Asm.			
23-2098-0-000	Clutch Shifter			
23-2098-0-050	Clutch Shifter Asm.			
23-2099-0-000	Roller (3)			
23-2100-0-000	Shaft			
23-2121-0-000	Shifter Lever			
0 000	Silitor Ecver			

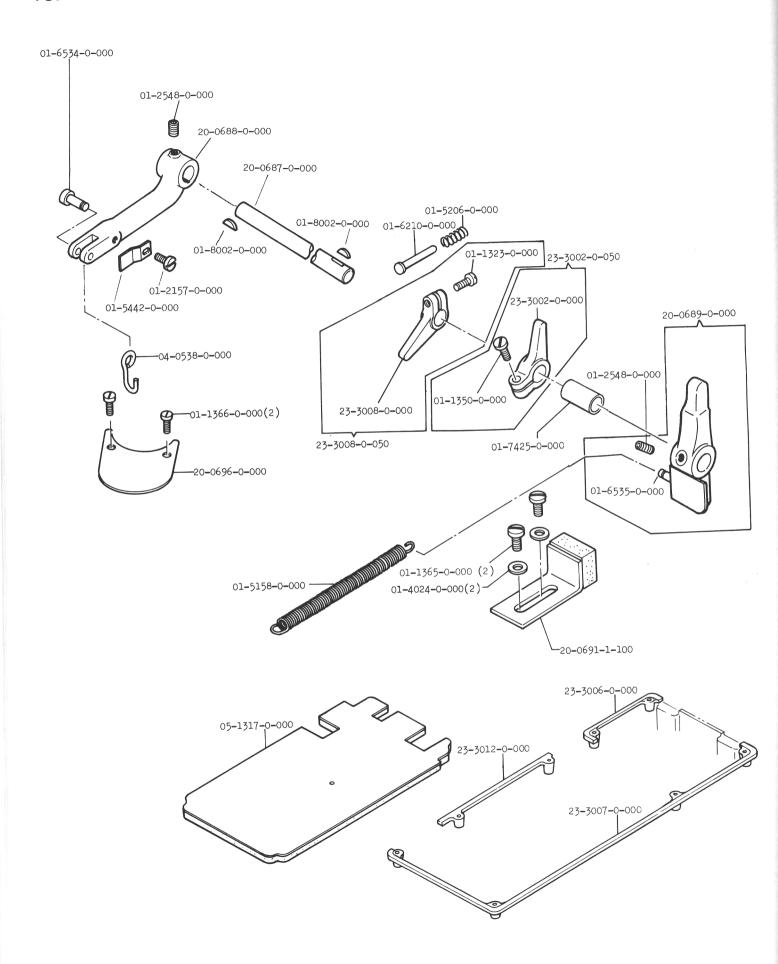
17. BED PLATE PARTS



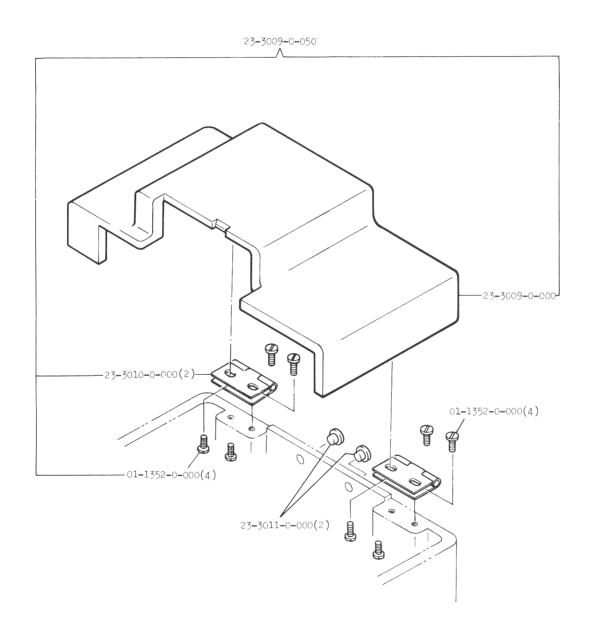


		S3 - 17 -
No.	Description	
01-2084-0-000 01-2395-0-000 01-2395-0-000 20-0051-1-024 23-2101-0-000 23-2112-0-000	Screw Screw (5) Screw (4) Throat Plate 3/32 Reg. Cover Plate Bed Side Cover	

18. BASE & COMPONENT PARTS

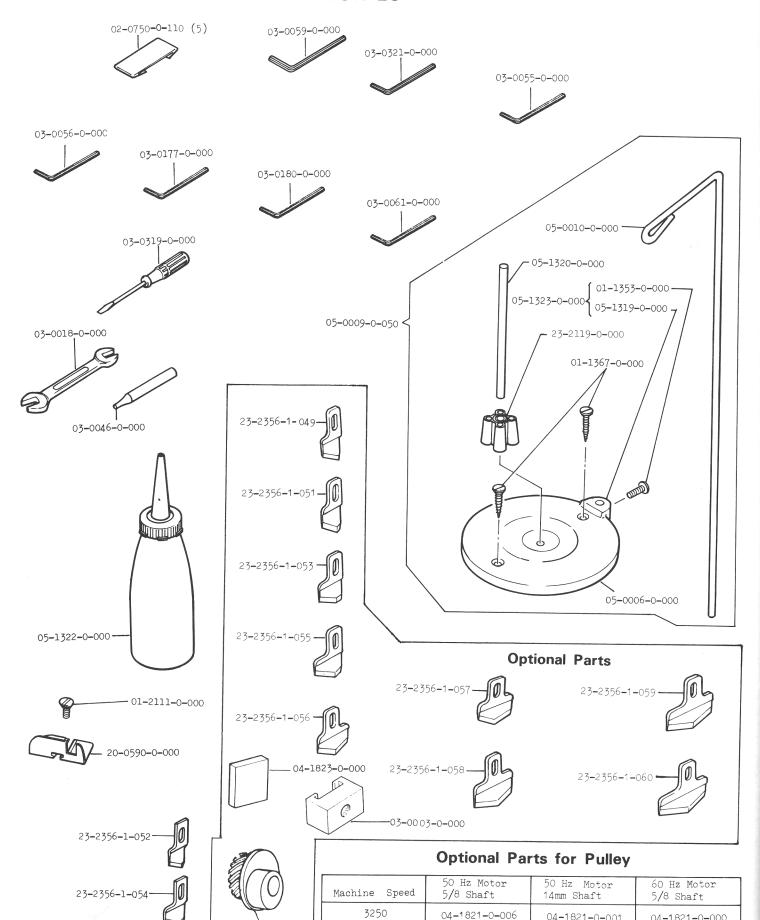


No. Description	
01-1350-0-000 01-1351-0-000 01-1365-0-000 01-1366-0-000 01-2157-0-000 01-2548-0-000 01-2548-0-000 01-5158-0-000 01-5206-0-000 01-5442-0-000 01-6534-0-000 01-6535-0-000 01-6535-0-000 01-6335-0-000 01-6338-0-000 02-0687-0-000 20-0687-0-000 20-0689-0-000 23-3002-0-050 23-3002-0-050 23-3008-0-000 23-3008-0-050 23-3012-0-000 21-1351-0-000 20-0688-0-000 23-3008-0-000 23-3008-0-050 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000	
01-1351-0-000 01-1365-0-000 01-1366-0-000 01-1366-0-000 01-12157-0-000 01-2548-0-000 01-4024-0-000 01-5158-0-000 01-5206-0-000 01-5206-0-000 01-6442-0-000 01-6534-0-000 01-6534-0-000 01-7425-0-000 01-7425-0-000 01-8002-0-000 01-317-0-000 020-0687-0-000 20-0687-0-000 20-0689-0-000 23-3002-0-050 23-3002-0-050 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3012-0-000 Borrew (2) Screw (2) Screw (2) Screw (2) Washer (2) Spring Clip Pin Pin Pin Pin-Anchor Collar Key (2) Hook Pad Shaft Lever Arm Asm. Bumper Asm. Cover Trip Lever Trip Lever Trip Lever Asm. Bumper (Small) Neoprene Bumper (Large) Neoprene Clutch Start Arm (Left) Clutch Start Arm (Left) Clutch Start Arm (Left) Asm. Bumper (Middle) Neoprene	
01-1365-0-000 01-1366-0-000 01-2157-0-000 01-2548-0-000 01-52548-0-000 01-5258-0-000 01-5206-0-000 01-5206-0-000 01-6210-0-000 01-633-0-000 01-633-0-000 01-7425-0-000 01-7425-0-000 01-638-0-000 020-0687-0-000 020-0688-0-000 020-0689-0-000 23-3002-0-000 23-3002-0-000 23-3002-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000	
01-1366-0-000 01-2157-0-000 01-2548-0-000 01-4024-0-000 01-5158-0-000 01-5206-0-000 01-5206-0-000 01-5442-0-000 01-6210-0-000 01-6534-0-000 01-6535-0-000 01-7425-0-000 01-8002-0-000 01-8002-0-000 05-1317-0-000 20-0687-0-000 20-0688-0-000 20-0689-0-000 23-3002-0-000 23-3002-0-000 23-3002-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3012-0-000 Borrew (2) Screw (2) Screw (2) Washer (2) Spring Clip Pin Pin Pin-Anchor Collar Key (2) Hook Pad Dever Arm Asm. Bumper Asm. Cover Trip Lever Trip Lever Trip Lever Trip Lever Trip Lever Asm. Bumper (Small) Neoprene Clutch Start Arm (Left) Clutch Start Arm (Left) Clutch Start Arm (Left) Asm. Bumper (Middle) Neoprene	
O1-2157-0-000 O1-2548-0-000 O1-4024-0-000 O1-5158-0-000 O1-51206-0-000 O1-5420-0-000 O1-6210-0-000 O1-6534-0-000 O1-6535-0-000 O1-6538-0-000 O1-6538-0-000 O2-0687-0-000 O2-0687-0-000 O2-0688-0-000 O2-0689-0-000 O2-33002-0-050 O2-33002-0-050 O2-33002-0-000 O2-33008-0-000 O2-33008-0-000 O2-33008-0-000 O2-33008-0-000 O2-33008-0-000 O2-33008-0-050 O	
01-2548-0-000 01-4024-0-000 01-5158-0-000 01-5206-0-000 01-5206-0-000 01-6210-0-000 01-6210-0-000 01-6534-0-000 01-6535-0-000 01-6535-0-000 01-7425-0-000 01-8002-0-000 04-0538-0-000 02-0687-0-000 02-0688-0-000 02-0689-0-000 02-0689-0-000 02-0691-1-100 02-0696-0-000 02-3-3002-0-050 23-3002-0-050 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 24-0538-0-000 25-0691-1-00 25-0696-0-000 25-0697-0-000 25-0696-0-000 2	
01-4024-0-000 01-5158-0-000 01-5206-0-000 01-5206-0-000 01-6210-0-000 01-6210-0-000 01-6534-0-000 01-6535-0-000 01-7425-0-000 01-7425-0-000 01-8002-0-000 04-0538-0-000 02-0687-0-000 02-0688-0-000 02-0689-0-000 02-0689-0-000 02-0690-1-1100 02-0696-0-000 02-3-3002-0-050 02-3-3002-0-050 02-3-3008-0-000 02-3-3008-0-000 02-3-3008-0-000 02-3-3008-0-000 02-3-3012-0-000 02-3-3012-0-000 02-3-3012-0-000 03-3-3012-0-000 04-0538-0-000 05-1317-0	
01-5158-0-000 01-5206-0-000 01-5442-0-000 01-6210-0-000 01-6334-0-000 01-6335-0-000 01-7425-0-000 01-8002-0-000 04-0538-0-000 05-1317-0-000 20-0687-0-000 20-0688-0-000 20-0688-0-000 20-0689-0-000 23-3002-0-000 23-3002-0-000 23-3008-0-000 23-3008-0-000 23-3008-0-050 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000	
O1-5206-0-000 O1-5442-0-000 O1-5442-0-000 O1-6210-0-000 Pin O1-6534-0-000 Pin Pin Pin Pin-Anchor Collar O1-8002-0-000 Key (2) Hook O5-1317-0-000 Pad Shaft O20-0687-0-000 Collar Arm Asm. O20-0688-0-000 Lever Arm Asm. O20-0689-0-000 Cover Trip Lever O23-3002-0-050 Cover Trip Lever Asm. O23-3008-0-000 Cover Cover O23-3008-0-000 Cover Cover O23-3008-0-000 Cover O23-3008-0-050 Cov	
01-5442-0-000 01-6210-0-000 01-6534-0-000 01-6535-0-000 01-7425-0-000 01-8002-0-000 04-0538-0-000 05-1317-0-000 20-0687-0-000 20-0689-0-000 20-0690-0-000 23-3002-0-000 23-3002-0-000 23-3002-0-000 23-3002-0-000 23-3008-0-050 23-3008-0-050	
Pin	
Di-6534-0-000	
Di-6535-0-000	
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01-8002-0-000 04-0538-0-000 05-1317-0-000 20-0687-0-000 20-0689-0-000 20-0691-1-100 20-0696-0-000 23-3002-0-000 23-3002-0-050 23-3007-0-000 23-3008-0-000 23-3008-0-050 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 23-3012-0-000 24-0538-0-000 25-20-088-0-000 25-20-089-0-000 26-20-089-0-000 27-20-089-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 28-20-069-0-000 29-20-069-0-000 29-20-069-0-000 20-	
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Clutch Start Arm (Left) Clutch Start Arm (Left) Asm. Bumper (Middle) Neoprene	
Clutch Start Arm (Left) Asm. Bumper (Middle) Neoprene	
Bumper (Middle) Neoprene	
3	



No.	Description		
01-1352-0-000 01-1352-0-000 23-3009-0-000 23-3009-0-050 23-3010-0-000 23-3011-0-000	Screw (4) Screw (4) Belt Guard Cover Belt Guard Cover Asm. Belt Guard Cover Hinge (2) Bumper (2)		

20. ATTACHMENT & ACCESSORIES



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3500

23-2311-0-000

04-1821-0-001

04-1821-0-003

04-1821-0-005

04-1821-0-000

04-1821-0-002

04-1821-0-004

04-1821-0-006

04-1821-0-007

04-1821-0-008

No.	Description	
01-1353-0-000	Screw	
01-1367-0-000	Wood Screw (2)	
01-2111-0-000	Screw	
02-0750-0-110	Needle (5)	
03-0018-0-000	Wrench (3/8" *5/16")	
03-0046-0-000	Crank	
03-0055-0-000	Key Wrench	
03-0056-0-000	Key Wrench	
03-0059-0-000	1/8" Key Wrench	
03-0061-0-000	Key Wrench	
03-0177-0-000	Key Wrench	
03-0180-0-000	Key Wrench	
03-0319-0-000	Screw Driver (Small)	
03-0321-0-000	3/32" Key Wrench	
05-0006-0-000	Felt Pad	
05-0009-0-050	Thread Stand Comp.	
05-0010-0-000	Rod	
05-1319-0-000	Thread Stand Base	
05-1320-0-000	Thread Stand Base (Spool Pin)	
05-1322-0-000	Oiler	
05-1323-0-000	Thread Stand Base Comp.	
20-0590-0-000	Gauge	
23-2119-0-000	Spool Shield	
23-2356-1-052	Knife (1/2"-13)	
23-2356-1-054	Knife (5/8"–16)	
356-1-0	50 3/8" lenge	

Optional Parts

No.	Description	
03-0003-0-000	Wheel Puller	
04-1823-0-000	Pad (4)	
23-2311-0-000	Eccentric-Feed Drive	
23-2356-1-049	Knife $(1/4''-6)$	
23-2356-1-051	Knife (7/16"-11)	
23-2356-1-053	Knife (9/16"-14)	
23-2356-1-055	Knife (3/4"-19)	
23-2356-1-056	Knife $(7/8''-22)$	
23-2356-1-057	Knife (1"-25)	
23-2356-1-058	Knife $(1-1/8''-29)$	
23-2356-1-059	Knife (1-1/4"-32)	
23-2356-1-060	Knife (1-3/8"-35)	
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23-2008-0-000	4	23-2073-0-050	14	23-2356-1-056	20		y 3
23-2009-0-000	4	23-2074-0-000	14	23-2356-1-057	20		
23-2010-0-050	4	23-2075-0-000	14	23-2356-1-058	20		
23-2012-0-000	4	23-2077-0-000	14	23-2356-1-059	20		
23-2014-0-050	4	23-2078-0-000	15	23-2356-1-060	20		
23-2015-0-050	4	23-2079-0-000	15	23-3000-0-050	1		
23-2017-0-000	5	23-2080-0-000	15	23-3002-0-000	18		
23-2018-0-000	5	23-2081-0-000	15	23-3002-0-050	18		1
23-2019-0-000	5	23-2081-0-050	15	23-3006-0-000	18		
23-2020-0-000	5	23-2082-0-000	15	23-3007-0-000	18		
23-2021-0-000	5	23-2082-0-050	15	23-3008-0-000	18		
23-2026-0-000	6	23-2083-0-000	15	23-3008-0-050	18		
23-2027-0-000	6	23-2084-0-000	15	23-3009-0-000	19		
23-2027-0-050	6	23-2084-0-050	15	23-3009-0-050	19		
23-2028-0-000	6	23-2086-0-050	16	23-3010-0-000	19		
23-2028-0-050	6	23-2088-0-000	16	23-3011-0-000	19		
23-2029-0-000	6	23-2089-0-050	16	23-3012-0-000	18		
23-2031-0-000	6	23-2091-0-000	16				
23-2032-0-000	6	23-2091-0-050	16	24-2162-0-000	6		
23-2033-0-000	7	23-2092-0-000	16				
23-2034-0-000	7	23-2092-0-050	16				
23-2036-0-000	7	23-2093-0-050	16				
23-2036-0-050	7	23-2095-0-000	16				
23-2037-0-000	7	23-2095-0-050	16				
23-2037-0-050	7	23-2096-0-000	16				
23-2039-0-000	8	23-2097-0-000	16				
23-2040-0-000	8	23-2097-0-050	16				
23-2042-0-000	8	23-2098-0-000	16				
23-2042-0-000	8	23-2098-0-050	16				
23-2043-0-000	9	23-2099-0-000	16				
23-2045-0-000	9	23-2100-0-000	16				
23-2046-0-000	9	23-2101-0-000	17				
23-2047-0-000	9	23-2102-0-050	6				
23-2048-2-000	9	23-2104-0-050	9				
23-2049-1-000	9	23-2105-0-050	11				
23-2050-0-000	9	23-2106-0-000	11				
23-2051-0-100	9	23-2107-0-000	11				
23-2052-0-000	9	23-2108-0-050	12				
23-2052-0-000	10	23-2112-0-000	17				
23-2054-0-050	10	23-2113-0-000	11				
23-2055-0-000	10	23-2114-0-000	11				
23-2057-0-050	10	23-2115-0-000	10				
23-2058-0-050	10	23-2116-0-000	15				
23-2059-1-050	10	23-2118-0-000	5				
23-2061-0-000	11	23-2119-0-000	20				
23-2061-0-000	11	23-2120-0-000	9				
20 2002-0-000							