

**FIRST
EDITION**



Union Special[®]
INDUSTRIAL SEWING EQUIPMENT

CATALOG NO. T106 P

**STYLE
51200**

**LIST OF PARTS
FOR
STYLE 51200 BE**

Catalog No. T106 P

LIST OF PARTS

CLASS 51200

Style

51200 BE

First Edition

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UNION SPECIAL CORPORATION

INDUSTRIAL SEWING MACHINES

CHICAGO

Printed in U.S.A.

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IDENTIFICATION OF MACHINES

Each UNION SPECIAL machine is identified by a Style number which is stamped into the name plate on the machine. Style numbers are classified as standard and special. Standard Style numbers have one or more letters suffixed, but never contain the letter "Z". Example: "51200 BE". Special Style numbers contain the letter "Z". When only minor changes are made in a standard machine, a "Z" is suffixed to the Standard Style number. Example: "51200 BEZ".

Styles of machines similar in construction are grouped under a class number which differs from the Style number, in that it contains no letters. Example: "51200".

APPLICATION OF CATALOG

This catalog applies specifically to the Standard Style of machine as listed herein. It can also be applied with discretion to some Special Styles of machines in this class. Reference to direction, such as right, left, front, back, etc., are given from the operator's position while seated at the machine. Operating direction of handwheel is toward the operator.

STYLE OF MACHINE

Streamlined Flat Bed, Low Throw, Trimming Knife Abreast of Needle, Rear Chip Disposal, One Needle, Needle Bearing Needle Bar Drive, Light Weight Presser Bar and Needle Bar Driving Mechanism, Single Disc Take-up, Single Reservoir Enclosed Automatic Lubricating System, Filter Type Oil Return Pump with Oil Pan Base Plate, Oil Siphon Assembly, Lateral Looper Travel.

51200 BE For miscellaneous operations (while simultaneously trimming) on ladies' blouses, children's and ladies' dresses and similar operations where chaining is required on light to medium weight materials. Knee press and tape reel furnished with machine. Presser foot with 9/16 inch tape tube on toe for taping operation is optional and will be furnished in place of other presser foot, if specified. Seam specification 401-SSa-1. Stitch range 9 to 14 per inch.

NEEDLES

Each UNION SPECIAL needle has both a type number and size number. The type number denotes the kind of shank, point, length, groove, finish and other details. The size number, stamped on the needle shank, denotes the largest diameter of blade measured in thousandths of an inch, midway between the shank and the eye. Collectively, the type number and size number is the complete symbol, which is given on the label of all needles packaged and sold by Union Special.

Standard needle for Style 51200 BE is Type 108 GHS. It has a round shank, round point, extra short, double groove, struck groove, ball eye, spotted, ball point, chromium plated - sizes 070/027, 075/029, 080/032, 090/036, 100/040, 110/044, 125/049.

To have needle orders promptly and accurately filled, an empty package, a sample needle, or the type and size number should be forwarded. Use description on label. A complete order would read as follows: "1000 Needles, Type 108 GHS, Size 080/032."

Selection of the proper needle size should be determined by the size of thread used. Thread should pass freely through the needle eye in order to produce a good stitch formation.

IDENTIFYING PARTS

Where construction permits, each part is stamped with its part number. On some of the smaller parts, and on those where the construction does not permit, an identification letter is stamped in to distinguish the part from similar ones.

Part numbers represent the same part, regardless of catalog in which they appear.

IMPORTANT! ON ALL ORDERS, PLEASE INCLUDE PART NAME AND STYLE OF MACHINE FOR WHICH PART IS ORDERED.

USE GENUINE NEEDLES AND REPAIR PARTS

Success in the operation of these machines can be secured only with genuine UNION SPECIAL Needles and Repair Parts as furnished by the Union Special Corporation, its subsidiaries and authorized distributors. They are designed according to the most approved scientific principles, and are made with utmost precision. Maximum efficiency and durability are assured.

Genuine needles are packaged with labels marked *Union Special*®. Genuine repair parts are stamped with the Union Special trademark, U S Emblem. Each trademark is your guarantee of the highest quality in materials and workmanship.

TERMS

Prices are net cash and subject to change without notice. All shipments are forwarded f. o. b. shipping point. Parcel Post shipments are insured unless otherwise directed. A charge is made to cover postage and insurance.

OILING

The oil has been drained from the machine before shipping, and the reservoir must be filled before beginning to operate. Use a straight mineral oil with a Saybolt viscosity of 90 to 125 seconds at 100° Fahrenheit.

Oil is filled at the spring cap in the top cover and the level is checked at the sight gauge on the front of the machine. The oil level should be maintained between the red lines on the gauge. The capacity of the oil reservoir is 12 ounces.

The machine is automatically lubricated and no oiling, other than keeping the main reservoir filled, is necessary.

A daily check before the morning start should be made and oil added if required. Oil which has gone through the machine is filtered and pumped back into the main reservoir, making too frequent oilings unnecessary. Excessive oil in the main reservoir may be drained at the plug screw in the main frame directly under the handwheel.

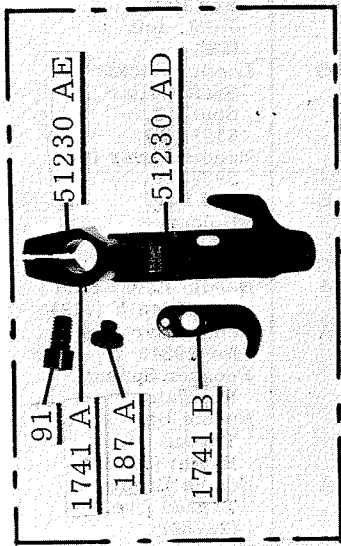
The following is a numerical list of the parts in this machine. Quantities, part numbers, and descriptions are given. Following the parts list are photographs of some of the major parts.

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	8	Feed Rocker Shaft	2	531	Screw for 51493 BQ	1	21171 AC	Tape Reel Pin for
3	18	Nut for 51240 E, 55241 N, 55244 G	1	643-127	Gasket for 51493 AG	1	21177 A	21171 AB (258 A)
3	20	Washer for 51282 AH	1	660-136	Feed Crank Link			Tape Reel Spring
2	20	Washer for 51236 G, 51758	1	660-168	Oil Tube (258 A)	1	21210 A	Collar for 21171 AB
2	25 S	Screw for 51282 AJ	1	660-202	Knee Press Plate	1	21212	(22647 K-24)
1	27-435	Needle Bar	1	660-207	Cushion for 21664			Looper Collar
	Blk.	Eyelet Washer	1		"O" Ring for pulley	1	B21375 AH	Oil Siphon Connection
2	28	Screw for 51704	2	660-212	Oil Seal Ring for	1	21657-3	Locking Ring
2	50-216	Pin for 51757 B	2	660-215	51150, 51250 E	1	21657 E	Belt Guard (93)
1	50-458	Pin for 51241 K	1	660-219 G	(22586 R)	1	21657 W	Tension Release
1	50-648	Lucite Oil Gauge	1	666-65	Retaining Ring for	1	21657 X	Lever Shaft
1	50-789	Oil Cap Hinge	2	666-111	52336	1	21657 Y	Tension Release
	Blk.	Pin for 52882 AD	2	666-114	Hinge Pin for			Lever Shaft Bushing
3	52 A	Looper Thread	2	666-118	21662 R	1	21660 H	Tension Release
		Eyelet (98 A)	2	666-149	Oil Wick for 51144	1	21662 R	Lever Connection
1	69 FD	Screw for 21664	1	666-170	Oil Wick for 8			(402, 22596)
1	73	Screw for looper	2	666-179	Oil Wick for right	1	21662 S	Knee Press Assembly
1	77	Screw for needle	1	666-201	main shaft bearing	1	21662 T	Knee Press Lifter
		lever link pin,	1	666-208	Oil Wick for left			Arm for 21660 H
1	77	upper	1	666-209	main shaft bearing	1	21662 U	(660-219 G,
1	77	Screw for 51054	1	666-214	Felt Wick for 51054			22650 CE-6,
1	77	Screw for 51236 A	1		Oil Wick for needle	1	21662 V	39536 AD)
2	77 F	Screw for 51281 AR	1	666-214	lever			Knee Press Link
			2	667 B-10	Wedge Pin for	1	21662 X	Connection for
2	80	Screw for cloth	2	668-25	666-111	1	21662 Y	21660 H (531)
2	80	plate	2	668-28	Felt Plug for 51294 U			Knee Press Link
2	80	Screw for 21664 F	2	719	Oil Wick for 51294 X	1	21662 Z	for 21660 H
1	81	Screw for 51280 N	1	753	Felt Siphon Cup	1	21663 A	Knee Press Lever
1	81	Screw for 51242 Y	1	753	Disc for 51294 U			for 21660 H
		(12982)	1	753	Felt Lint Filter	1	21663 B	(22557 A, 39536 AD)
1	82	Screw for 51236 G	1	753	for 51294 M	1	21663 C	Torsion Spring for
2	87	Screw for throat	1	753	Dowel Pin for			21660 H
		plate	1	753	51273 C	1	21663 D	Knee Press Plate
2	88	Set Screw for	1	753	Eyelet for 51292 D	1	21664	Lever for 21660 H
		15465 F	1	753	Eyelet Locking			Knee Press Plate
1	88	Screw for 52894 AK	1	753	Ring for 51292 D	1	21664 C	for 21660 H (69 FD)
2	90	Screw for 52882 Y	1	906	Screw for 51150,	1	21664 F	Bracket for 21660 H
2	90	Screw for 52882 AD	1	906 A	56350 A			Mounting Bracket for
2	90	Screw for 52894 AB	1	906 A	Support Axle Cone	1	21695 Y	21660 H (80, 92201)
1	91	Clamp Screw for	1	1349 A-	for 21171 AB			Finger Guard
		presser foot	5	5	(188 D)	3	22513	(22517 B)
2	93	Screw for B21375 AH	1	1741 A	Support Axle Cone	2	22517	Screw for 35731 A
1	95	Plug Screw for bed	1	1741 B	for 21171 AB	2	22517 B	Screw for 51273 C
1	95	Screw for 51270 B	1	1741 B	(22576)	2	22519 C	Screw for 21695 Y
2	95	Screw for 51147	1	6042 A	Screw for 39271 A			Screw for 51235 A
1	96	Screw for 51244	1	6042 A	Screw for 51250 T	1	22519 H	(51235 G)
1	96	Spot Screw for	1	6042 A	(51242 M)	1	22524	Screw for 51244 B
		51723 A	1	7947	Spring for 21177 A			Feed Dog Height
2	98	Screw for 482	1	12538	Pin for 1741 B	6	22524	Adjusting Screw
2	98	Screw for 51235	1	12982	Chain Cutting Knife	1	22528	Screw for 51282 AF
1	98	Screw for 51244	1	12982	for 51220 K	1	22528	Screw for feed dog
3	98 A	Screw for 52 A	1	12982	(187 A, 1741 A)	1	22537	Screw for 51757 B
1	98 A	Screw for 51291 A	1	15465 F	Washer for	1	22539 H	Screw for 53783 N
4	109	Tension Disc	1	15465 F	52894 AM	3	22541 B	Plug Screw
2	166	Screw for 52972	1	20149 C	Nut for 51294 R	1	22542	Screw for 52882 AD
1	187 A	Screw for 1741 B	2	21114	Nut for 51241 K	4	22548	Screw for 51282 Y
1	188 D	Thumb Screw for	1	21171 S	Lock Nut for 81	2	22550	Screw for 52882 AE
		753	1	21171 U	Nut for 92201	1	22557 A	Screw for 51278 H
1	258	Nut for 51280 E	1	21171 V	Looper Rocker			Screw for 21662 U
1	258 A	Nut for 660-136	1	21171 W	Cone for 29192	1	22557 B	(43137 E)
2	258 A	Nut for 21171 AC	1	21171 X	(88)	2	22559 A	Screw for 53783 L
1	258 A	Nut for 56334 E	1	21171 Y	Pin for 51250 T			Bearing Cap Screw,
1	258 A	Lock Nut for 51745	1	21171 Z	Tape Reel Disc	2	22559 B	lower, for 29105 AA
1	258 A	Nut for 52894 AM	1	21171 AA	for 21171 AB	2	22559 G	Bearing Cap Screw,
2	269	Nut for 51236 G,	1	21171 AB	Tape Reel Support	1	22560 B	upper, for 29105 AA
		51240 E	1	21171 AC	for 21171 AB	2	22560 B	Screw for 29066 R
1	402	Screw for 53783 A	1	21171 AD	(22581, 52782 C)	1	22562 A	Set Screw for 51134
2	482	Collar for 8 (98)	1	21171 AE	Tape Guide for	1	22564	Screw for 51493 BP
1	531	Screw for 21662 S,	1	21171 AF	21171 AB (22585 C)	3	22569 B	Screw for 51254 J
		51257 M	1	21171 AG	Tape Guide Support			Screw for ndl, lever
			1	21171 AH	for 21171 AB	5	22569 B	link pin, lower
			1	21171 AI	(22585 A)	3	22569 B	Screw for bearing
			1	21171 AJ	Tape Guide Wire	15	22571 A	housing
			1	21171 AK	for 21171 AB	2	22571 B	Screw for 51282 Y
			1	21171 AL	(22585 A)	1	22576	Screw for 51493 AH
			1	21171 AM	Tape Reel Assembly	1	22580 D	Plug Screw
			1	21171 AN		2	22581	Plug Screw
			1	21171 AO		1	22585 A	Screw for 753
			1	21171 AP				Set Screw for 51723 A
			1	21171 AQ				Screw for 21171 S
			1	21171 AR				Screw for 21171 V

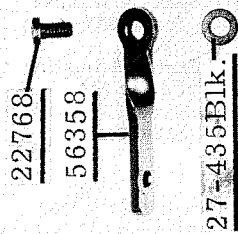
Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	22585 A	Screw for 21171 W	1	29476 KN	Knife Drive	1	51230 AE	Presser Foot Shank
2	22585 A	Screw for 51282AF			Connection			for 51220 K (91)
1	22585 B	Screw for 51225			Assembly,	1	51235	Feed Rocker (98)
		(51225 W)			. 112 inch throw	1	51235 A	Feed Rocker Arm
1	22585 C	Screw for 21171 U	2	35178 D	Spring for 666-65			(22519 C, 51235 G)
1	22586 R	Screw for 660-212	2	35178 D	Spring for 666-114	2	51235 G	Washer for 22519 C
		(51250 D, 51250 F)	2	35731 A	Presser Bar	2	51236 A	Link Pin for
1	22596	Screw for 21657 Y			Connection Guide			51145 A (77)
2	22596 D	Screw for 51250 S			Plate (22513)			
1	22598 C	Screw for 21657-3	3	35772 H	Washer for	1	51236 B	Feed Crank Stud
1	22647 K-				51281 AN			Cap (22768)
	24	Thumbscrew for	1	39270 E	Upper Knife	1	51236 D	Feed Crank Link
		21177 A	1	39271 A	Upper Knife Holder			for 51236 E
1	22650 CE-		2	39536 AD	Spring Washer for	1	51236 E	Feed Crank Link
	6	Set Screw for			21662 R, 21662 U			Assembly
1	22729	Screw for 51243 C	1	39582 L	Oil Cap for	1	51236 F	Feed Crank Ferrule
1	22729 A	Screw for 51294 U			52882 AD			for 51236 E
1	22729 B	Screw for 51294 U	2	41394 A	Gasket for 22733 B	1	51236 G	Feed Crank Stud
1	22733 B	Screw for 52882 L	1	43137 E	Washer for 22557 A			(20, 269, 82)
		(41394 A)	1	43266	Nut for 51292 G	1	51240 E	Looper Connecting
1	22758 C	Screw for 53783 A	1	51054	Feed Crank Link			Rod (18, 269)
3	22760 A	Screw for 51281 AP	2	51054	Pin (77)	1	51241 K	Looper Connecting
		(35772 H)			Link Pin for			Rod and Ball Joint,
2	22768	Screw for 51236 B			needle lever	2	51242 L	right (12538)
1	22768	Screw for 56358			(77, 22564)			Thrust Washer for
1	22768	Screw for 56358 A	1	51134	Feed Bar (22560 B)			looper drive lever
1	22768	Screw for 51244 B	1	51134 C	Feed Bar Shaft			rocker
1	22799 N	Screw for 52971 J				3	51242 M	Washer for 906 A,
1	22801	Screw for 51225						22852 A, 52841 G
1	22811 B	Screw for 51242 W	1	51134 J	Feed Dog Holder	1	51242 P	Looper Drive Lever
1	22819	Screw for 51217 E			Washer			Shaft
1	22829	Lock Nut Screw	1	51134 P	Felt for 51134 C	1	51242 R	Looper Drive Lever
		for 51745	1	51134 R	Lubricating Felt			Shaft Bushing,
1	22834	Needle Guard			Guard			middle
		Adjusting Screw	1	51142 F	Eccentric for	1	51242 S	Looper Drive Lever
2	22839 C	Screw for cloth			29476 KN			Shaft Bushing, rear
		plate			(22894 T)	1	51242 W	Looper Drive Lever
1	22845 B	Screw for 51281 AN	1	51144	Looper Rocker			(22811 B, 22894 H)
3	22848	Screw for 51282 AH	1	51145 A	Shaft	1	51242 Y	Looper Drive Lever
		(20)			Eccentric Bearing			Rocker (81, 22852 A,
1	22848	Screw for 51758			Assembly for			51242 M)
9	22848	Screw for 52882 L			29476 DV	1	51242 Z	Looper Drive Lever
1	22852 A	Screw for 51242 Y	1	51145 E	Eccentric Bearing			Shaft Bushing, front
		(51242 M)			Assembly for	1	51243 C	Ball Stud Fork
1	22852 A	Screw for 51250 S			29476 KN			(22729)
1	22863	Feed Dog Holder	1	51147	Main Shaft Collar	1	51244	Looper Rocker Frame
		Adjusting Screw			(95)			(96, 98)
1	22883 A	Plug Screw	1	51150	Needle Lever	1	51244 B	Looper Rocker Shaft
1	22889 A	Adaptor Plug			Shaft Stop Collar			Arm (22519 H, 22768)
		Screw for 51758			(719)	2	51244 L	Thrust Washer for
2	22889 C	Plug Screw, back	1	51201 N	Cloth Plate			looper rocker shaft
1	22889 D	Plug Screw, left			(80, 22839 C)			
4	22894 C	Eccentric Set Screw	1	51205 K	Feed Dog (22528)			
		for 29105 AA	1	51213	Looper Rocker	1	51244 N	Looper Rocker Shaft
					for 29192			Clamp Collar (18,
2	22894 C	Screw for 52373 B						51216 N, 55244 G)
1	22894 D	Eccentric Spot				1	51246	Looper Rocker Stud
		Screw for 29105 AA	2	51216 G	Needle Lever			Nut
1	22894 D	Spot Screw for			Connecting Rod	1	51247	Main Shaft Counter-
		51406	28	51216 M	Needle Bearing			weight (22894 J)
1	22894 F	Screw for pulley			Roller for	1	51249 B	Lower Knife
1	22894 H	Screw for 51242 W			29476 HA	1	51250 A	Bushing for 51215 J
2	22894 J	Screw for 51247				1	51250 D	Washer for 22586 R
1	22894 T	Set Screw for	1	51216 N	Washer for 56315			
		51142 F	1	51216 N	Washer for 55244 G			
			1	51216 P	Nut for 56315			
1	29066 R	Needle Lever	1	51217 E	Needle Bar	1	51250 F	Gasket for 22586 R
		Connecting Rod			(22819)	1	51250 S	Lower Knife Block
		Ball Joint	1	51220 H	Presser Foot,			(22596 D, 22852 A)
		Assembly (22559 G)			optional for taping	1	51250 T	Lower Knife Clamp
1	29105 AA	Looper Drive	1	51220 K	operation (91)			(906 A, 20149 C)
		Eccentric			Presser Foot,	1	51254 C	Needle Bar Bushing,
		Assembly			where chaining is			upper
1	29192	Looper Rocker			required (91)	1	51254 D	Needle Bar Bushing,
		Assembly	1	51221 C	Pulley (22894 F)			lower
1	29348 Y	Needle Lever	1	51222 K	Main Shaft	1	51254 J	Needle Bar Connect.
		Assembly	1	51224 K-				for 29348 Y (22562 A)
2	29476 DV	Feed Lift and		1/8	Throat Plate (87)	1	51256 C	Presser Bar Spring
		Looper Avoid	1	51225	Needle Guard	1	51257 K	Presser Bar
		Eccentric			(22585 B, 22801)	1	51257 M	Presser Bar
		Assembly,	1	51225 W	Washer for 51225			Connection and
		.062 inch throw	1	51230 AC	Presser Foot			Guide (531)
1	29476 HA	Crankshaft			Bottom for 51220 H			
		Assembly,	1	51230 AD	Presser Foot			
		.770 inch throw			Bottom for 51220 K			

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	51257 AA	Presser Bar	1	51493 D	Oil Pump Driving	1	52892	Tension Post
		Bushing, lower			Shaft			Support
1	51270 B	Needle Thread	2	51493 E	Driving Shaft Gear	2	52894 AB	Oil Tube Holder
		Take-up Wire (95)	1	51493 AG	Oil Pump Housing			(90)
1	51272 D	Block Guide Collar			(22569 B)	1	52894 AK	Oil Tube for
		Shaft Spring	1	51493 AH	Oil Pump Housing			looper rocker
1	51273 C	Upper Knife Lever			Cover (22569 B)			and left ball
		Stud Support	1	51493 BK	Lint Filter Screen			joint (88)
		Bracket	1	51493 BP	Oil Pump Driving	1	52894 AM	Oil Tube for
		(667 B-10, 22517)			Gear (22560 B)			right ball joint
1	51278 H	Chip Guard (22550)	1	51493 BQ	Oil Pump Driven			(258 A, 6042A)
1	51280 E	Throat Plate			Gear (531)	2	52936	Feed Rocker
		Support Pin (258)	1	51704	Cast-off Plate (28)			Shaft Bushing
2	51280 J	Dowel Pin for	1	51723 A	Take-up	1	52944 T	Looper Rocker
		51280 N			(96, 22580 D)			Shaft Bushing,
1	51280 N	Throat Plate	1	51745	Looper Rocker			left
		Support (80)			Cone Stud for	1	52944 U	Looper Rocker
1	51281 AN	Cloth Plate Cover			29192 (258 A,			Shaft Bushing,
		Spring (22760 A,			22829, 51246)			right
		22845 B, 35772 H)	1	51757 B	Cast-off Plate	1	52971 J	Knife Clamp
1	51281 AP	Cloth Plate Cover			Support			Plate (22799N)
1	51281 AR	Cloth Plate Cover			(21657 E, 22528)	1	52972	Knife Guide
		Adjustable	1	51758	Frame Needle			Collar (166)
		Extension (77 F)			Thread Eyelet	1	52978 G	Hinge Pin for
1	51282 Y	Head Cover			(20, 22848,			51282 AJ
		(22569 B)			22889 A)	1	53783 A	Lifter Lever
1	51282 Z	Gasket for 51282 Y	1	52336	Link Pin for			Link (402,
1	51282 AE	Needle Lever			52373 C (660-215)			22758 C)
		Bearing Oiler (90)	2	52373 A	Bushing for 52373	1	53783 L	Presser Foot
1	51282 AF	Oil Reservoir Top	1	52373 B	Knife Arm Stud			Lifter Lever
		Cover (22524,	1	52373 C	Knife Arm			Bell Crank
		22585 A)	1	52470	Stop for looper			(22557 B)
1	51282 AH	Oil Shield			connecting rod	1	53783 M	Presser Foot
		(20, 22848)	1	52703 A	Edge Guide			Lifter Lever
1	51282 AJ	Hinged Oil Shield	2	52782 C	Adaptor Screw			Connecting
		(25 S)			for 21171 S			Rod
2	51282 AK	Spring for 51282 AJ	1	52794 G	Oil Tube for feed	1	53783 N	Presser Foot
1	51283 H	Presser Foot Lifter			lift and looper			Lifter Lever,
		and Tension Disc			avoid eccentric			internal
		Release Lever	1	52841 G	Locking Stud for			(22537)
1	51290 T	Main Shaft Bushing,			51242 Y (52841 J)	1	55241 E	Spring for
		middle	1	52841 J	Nut for 52841 G			51241 K
1	51291 A	Looper Thread	1	52882 L	Oil Reservoir Back	1	55241 N	Looper
		Guard (98 A)			Cover (22733 B,			Connecting
2	51292 A	Tension Post			22848, 41394 A)			Rod Ball
		Ferrule	1	52882 M	Gasket for 52882 L			Joint, left
2	51292 C	Tension Nut	1	52882 P	Gasket for 52882 AD			(18)
2	51292 D	Tension Thread	1	52882 U	Gasket for 52882 AE	1	55244 G	Looper Rocker
		Eyelet	1	52882 W	Gasket for 22542			Shaft Collar
1	51292 F-1	Tension Spring,	1	52882 Y	Baffle Plate (90)			Stud (18,
		looper	1	52882 AA	Oil Drip Plate for			51216 N)
1	51292 F-5	Tension Spring,			52882 AD (90)	1	56315	Needle Lever for
		needle	1	52882 AC	Oil Cap Torsion			29348 Y
2	51292 G	Tension Post (43266)			Spring for 52882 AD	1	56334 E	Feed Dog
1	51294 K	Upper Clamp for	1	52882 AD	Chamber Cover			Holder
		51294 U			(22541 B)			(258 A, 51134 J)
1	51294 M	Oil Siphon Tube	1	52882 AE	Crank Chamber	1	56341 G	Spring for 51241 K
1	51294 P	Oil Tube Clamp			Cover (22548)	1	56350 A	Needle Lever Stud
		(7947, 51294 R)	1	52883 R	Presser Foot			for 29348 Y (719)
1	51294 R	Screw for 51294 P			Lifter	1	56354 A	Needle Bar Link
		(7947)			Lever Bushing			for 29348 Y
1	51294 U	Oil Siphon	1	52883 S	Presser Foot	1	56356	Presser Spring
		Assembly			Lifter Lever			Regulator
		(22729 A, 22729 B)			Bell Crank	1	56358	Needle Bar
1	51294 X	Oil Tube for knife arm			Spring			Thread
1	51294 Z	Oil Siphon Tube	2	52890 C	Main Shaft			Eyelet (22768)
		Connection (21212)			Bushing, left	1	56358 A	Needle Lever
1	51382 A	Gasket for 51282 AF			and inner right			Thread Eye,
1	51406	Eccentric for	1	52891 B	Crankshaft			(22768)
		29476 DV (22894 D)			Housing,	1	56390 E	Crankshaft
1	51409 C	Looper (73, 21210 A)			includes			Bearing
2	51491 C	Lead-in Thread Eyelet			bushing (22569 B)			Housing Gasket
						2	80557	Spacing Washer
								for 21657-3
								52892
						1	92201	Spring Adjusting
								Screw for
								21664 F,
								(12982)

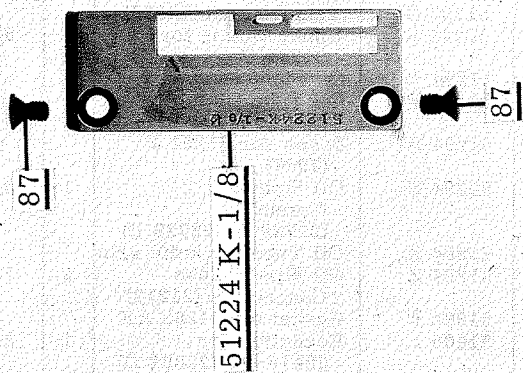
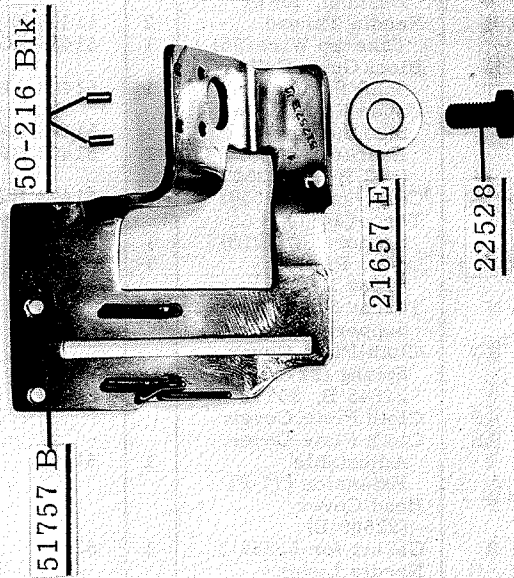
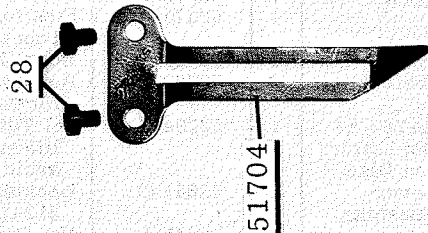
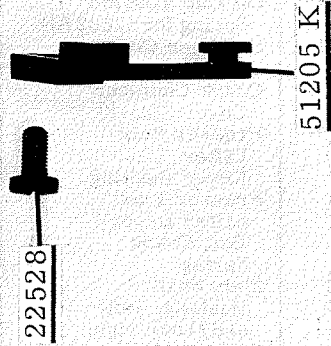
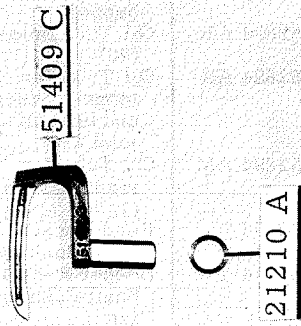
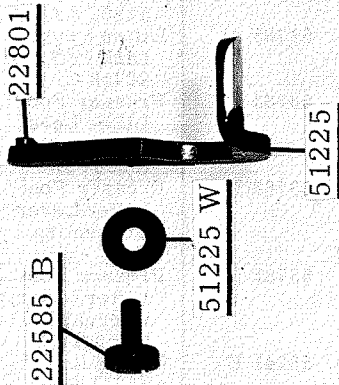
NOTE: Numbers in parenthesis following parts description indicate the screws, nuts, etc., used to attach or hold these parts.

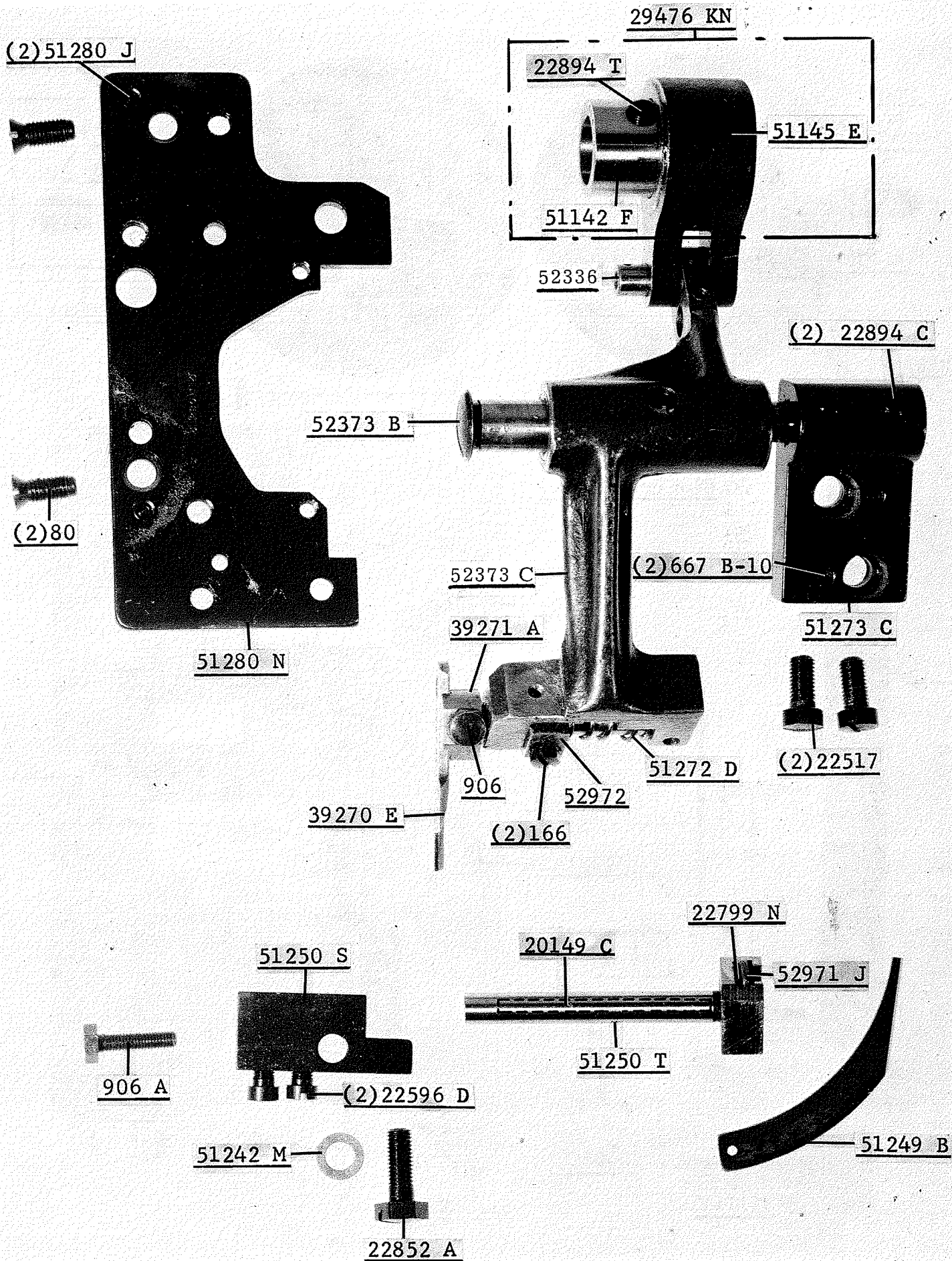


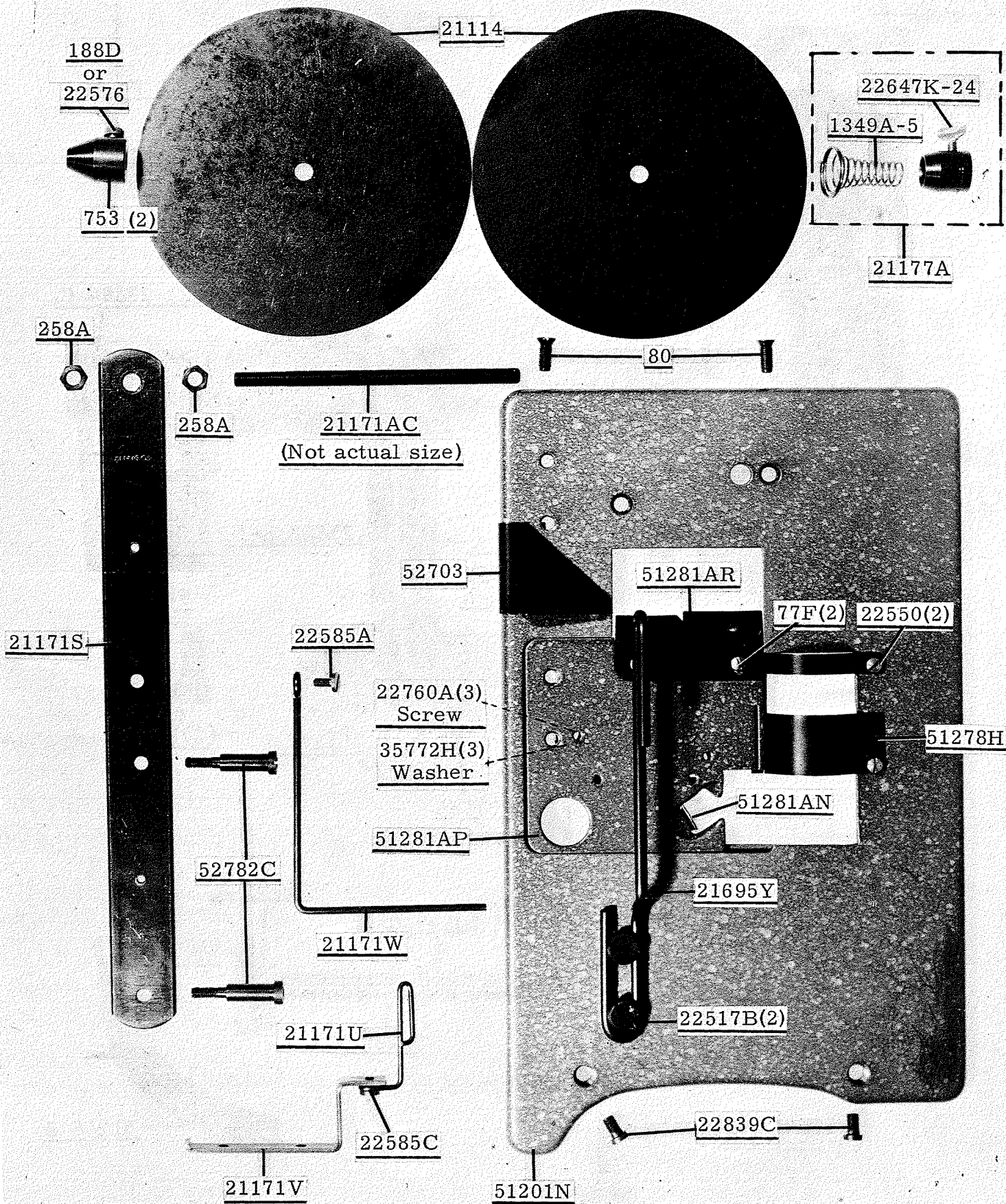
51220 K

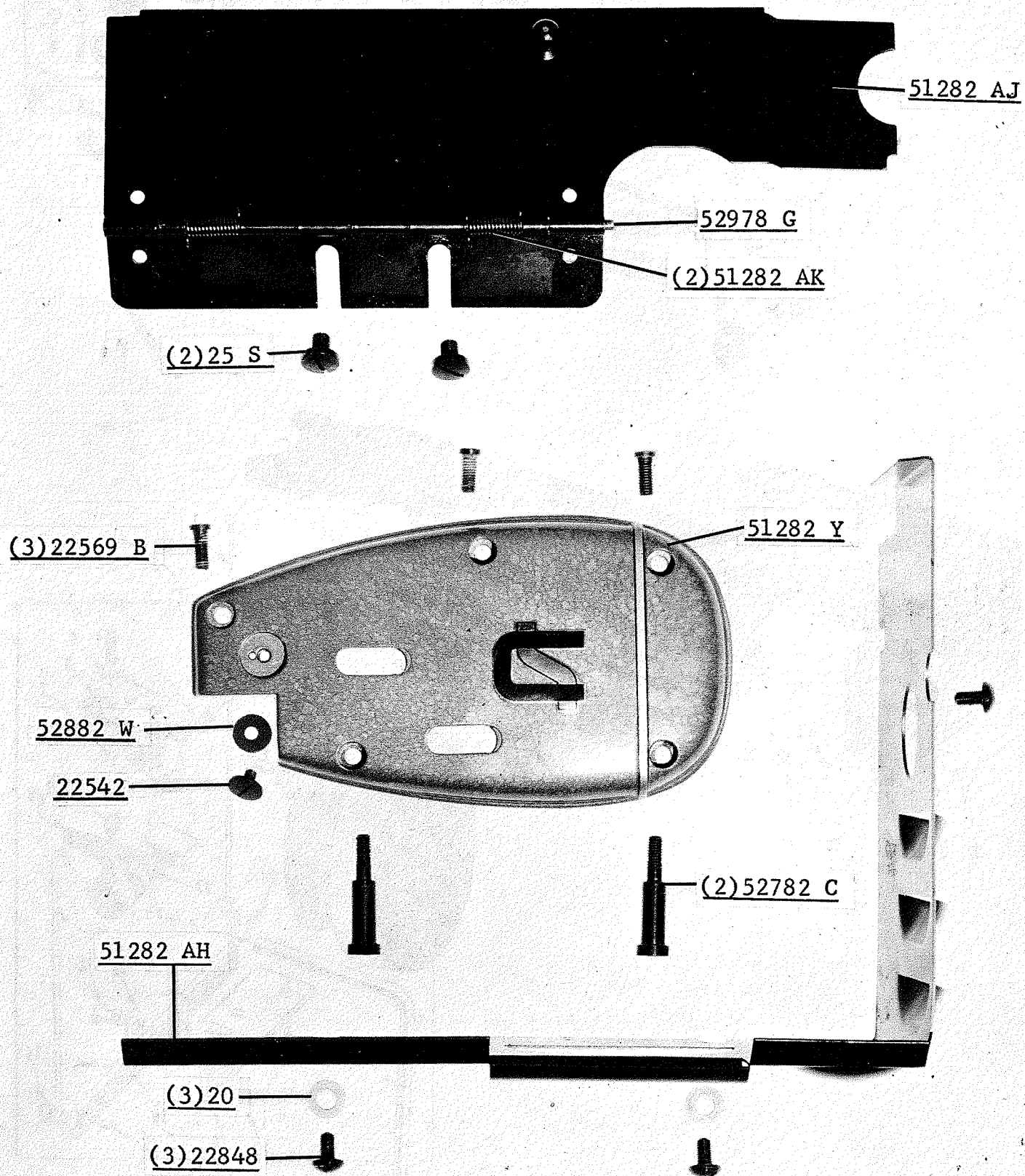


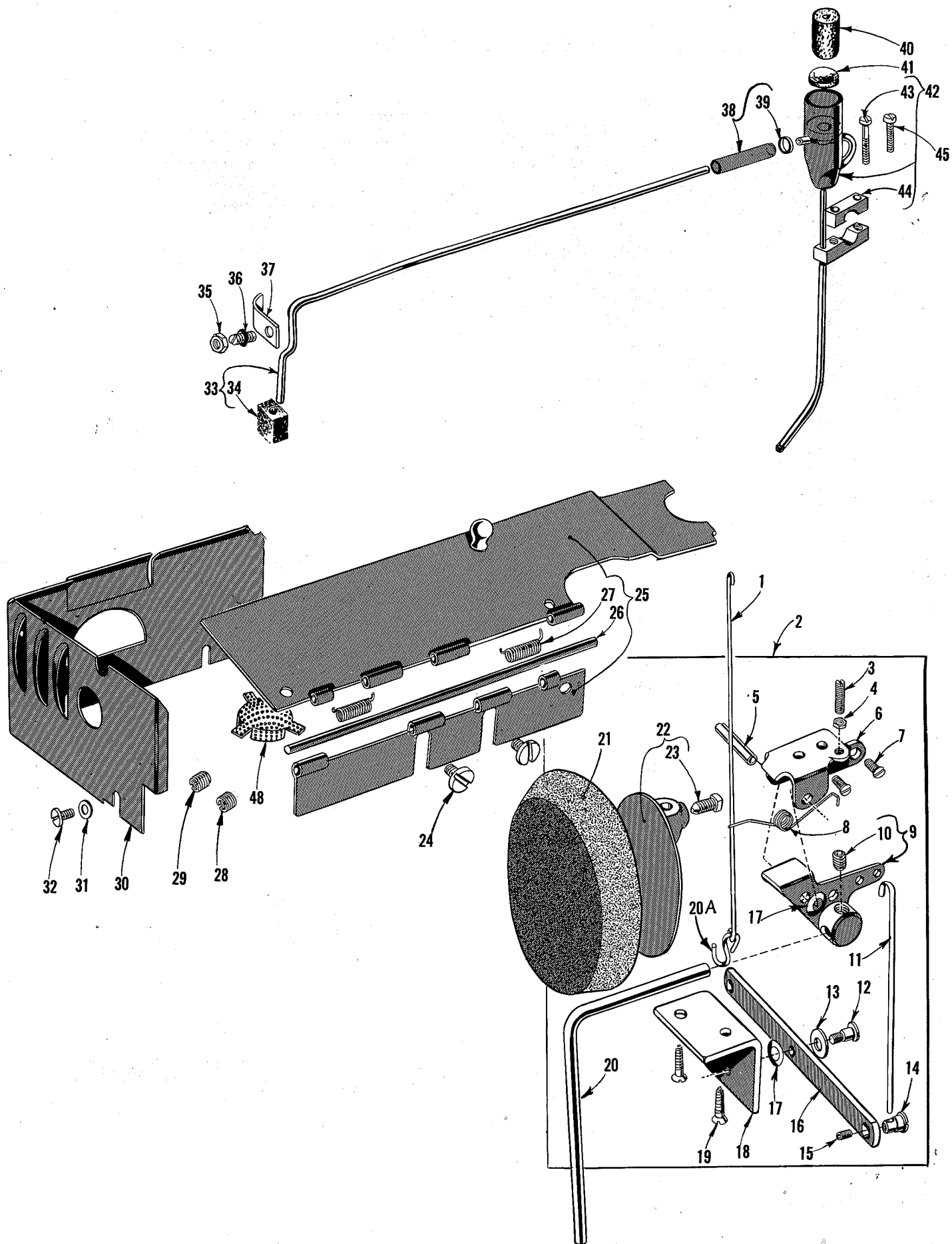
51217 E











KNEE PRESS ASSEMBLY, OIL SIPHON ASSEMBLY AND MISCELLANEOUS COVERS

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	51493 BC	Lifter Link -----	1
2	21660 H	Knee Press Assembly -----	1
3	92201	Screw -----	1
4	12982	Nut -----	1
5	660-219 G	Roll Pin -----	1
6	21664 F	Mounting Bracket -----	1
7	80	Screw, for attaching -----	2
8	21662 V	Torsion Spring -----	1
9	21662 R	Knee Press Lifter Arm -----	1
10	22650 CE-6	Screw -----	1
11	21662 T	Knee Press Link -----	1
12	22557 A	Screw -----	1
13	43137 E	Washer -----	1
14	21662 S	Knee Press Link Connection -----	1
15	531	Screw -----	1
16	21662 U	Knee Press Lever -----	1
17	39536 AD	Spring Washer -----	2
18	21664 C	Bracket -----	1
19	SC303	Wood Screw, #12 x 1 inch -----	2
20	21663 A	Knee Press Plate Lever -----	1
20A	660-264	"S" Hook -----	1
21	660-168	Knee Press Plate Cushion -----	1
22	21664	Knee Press Plate -----	1
23	69 FD	Screw -----	1
24	25 S	Screw -----	2
25	51282 AJ	Hinged Oil Shield -----	1
26	52978 G	Hinge Pin -----	1
27	51282 AK	Spring -----	2
28	22889 D	Adaptor Plug Screw, left side -----	1
29	22889 C	Adaptor Plug Screw, back -----	2
30	51282 AH	Oil Shield -----	1
31	20	Washer -----	3
32	22848	Screw -----	3
33	51294 M	Oil Siphon Tube -----	1
34	666-214	Felt Lint Filter -----	1
35	7947	Nut -----	1
36	51294 R	Screw -----	1
37	51294 P	Oil Tube Clamp -----	1
38	51294 Z	Oil Tube Connection -----	1
39	21212	Locking Ring, for oil siphon connection -----	1
40	666-201	Felt Plug -----	1
41	666-209	Felt Plug -----	1
42	51294 U	Oil Siphon Assembly -----	1
43	22729 B	Screw -----	1
44	51294 K	Clamp, upper -----	1
45	22729 A	Screw -----	1
48	51493 BK	Lint Filter Screen -----	1

Here are Oil Specifications for Union Special Sewing Machines

Specification 174 specifies a high quality petroleum oil, viscosity 100 seconds at 100°F. Recommended for all oiling applications on high speed machines.

Specification 175 specifies a high quality petroleum oil, viscosity 100 seconds at 100°F., water white or with a maximum A.S.T.M. color number of 1. *For use where freedom from oil staining is paramount.*

Specification 87 specifies a high quality petroleum oil, viscosity 300 seconds at 100°F.

Specification 100 specifies a general purpose high quality grease for use in ball bearings and transmitters. It is similar to commercial N.L.G.I., grease No. 3. Where No. 3 grease is not obtainable, No. 2 may be used.

UNION SPECIAL

SPECIFICATION NO.	174	175	87
Viscosity S.S.U. at 100°F	90-125	90-125	300-350
Flash (Min.)	350	350	350
Pour (Max.)	20	20	20
Color A.S.T.M. (Max.)	3	1	3
Neutralization No. (Max.)	0.10	0.10	0.10
Viscosity Index (D & D Min.)	85	85	85
Compounding	None	None	None
Copper Corrosion (Max.)	1A	1A	1A

*Online No. 175-225 175-225 175-225

*Used with Buna N Rubber "O" Retainers



NOTE 1: The use of non-corrosive additives in oils meeting above classification is desirable but not essential. These may include:

1. Oxidation inhibitors
2. Rust inhibitors
3. Lubricity additives
4. Anti-oxidants
5. Film strength additives

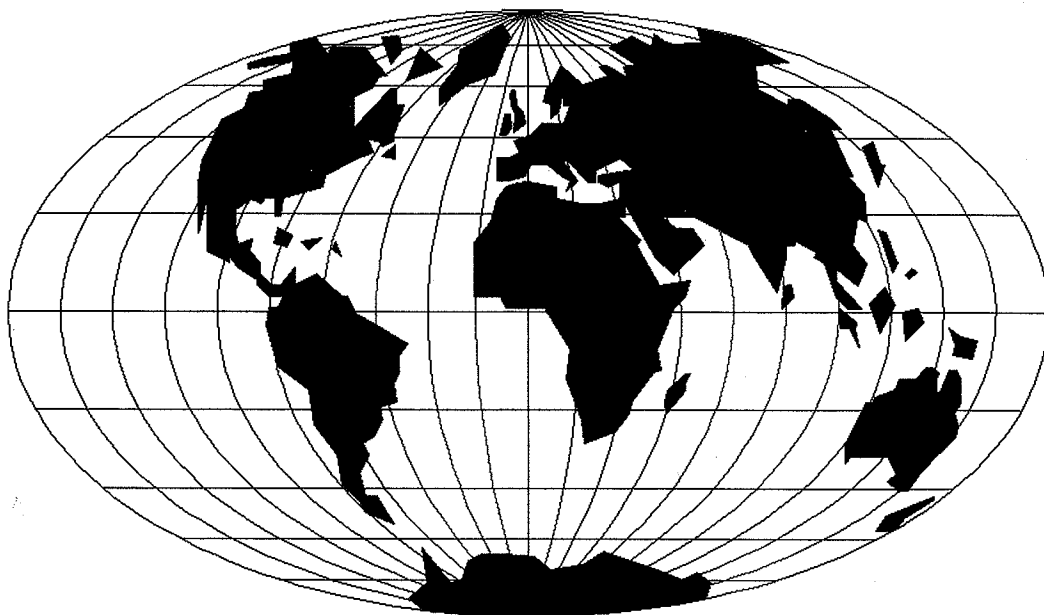
These additives must be completely soluble in the oil and not removable by wick feeding nor shall they separate.

NOTE 2: Oils containing the following type additives shall not be used at any time:

1. Extreme pressure additives—corrosive
2. Tackiness or adhesive additives
3. Lead soap additives
4. Detergents



**UNION SPECIAL
CORPORATION**



WORLDWIDE SALES AND SERVICE

Union Special Corporation maintains sales and service facilities throughout the world. These offices will aid you in the selection of the right sewing equipment for your particular operation. Union Special Corporation representatives and service technicians are factory trained and are able to serve your needs promptly and efficiently. Whatever your location, there is a qualified representative to serve you.

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Fax: 708•669•1096

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D-71696 Möglingen, Germany
Tel: 49•07141•247•0
Fax: 49•7141•247•100

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Union Special
INDUSTRIAL SEWING EQUIPMENT