

**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

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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.

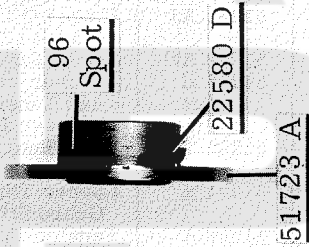
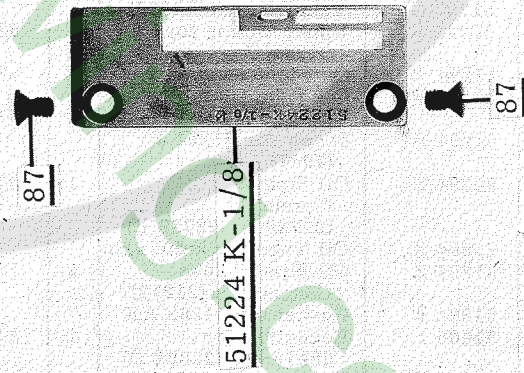
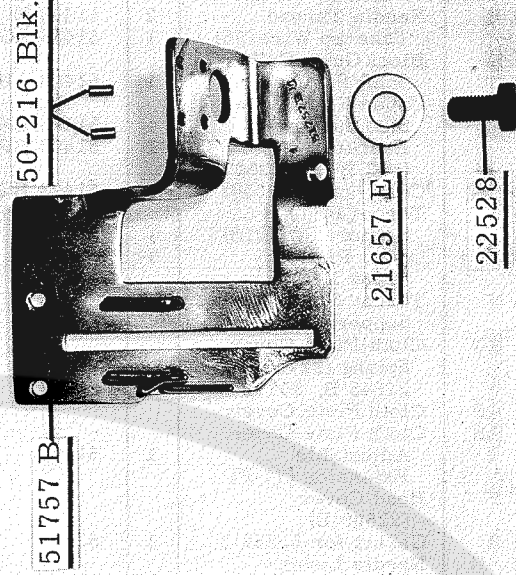
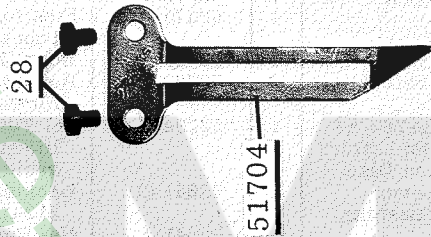
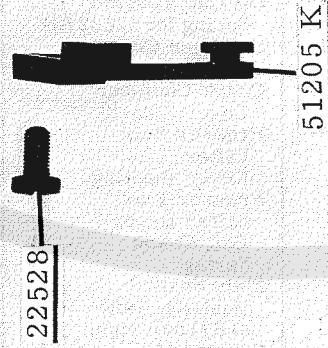
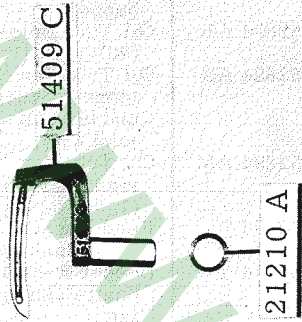
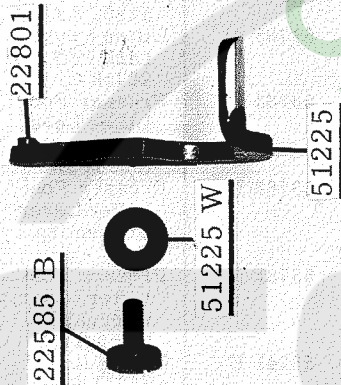
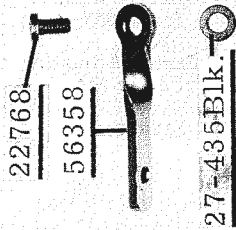
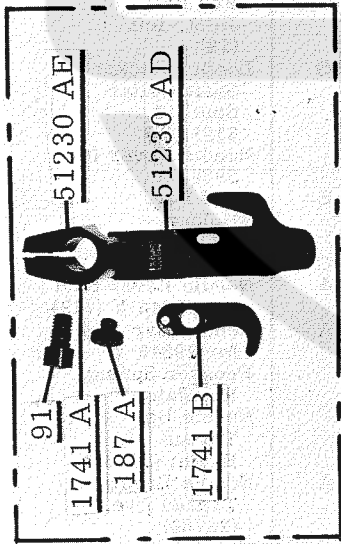
The following is a numerical list of the parts in this machine. Quantities, part numbers, and descriptions are given. Following the parts list are photographs of some of the major parts.

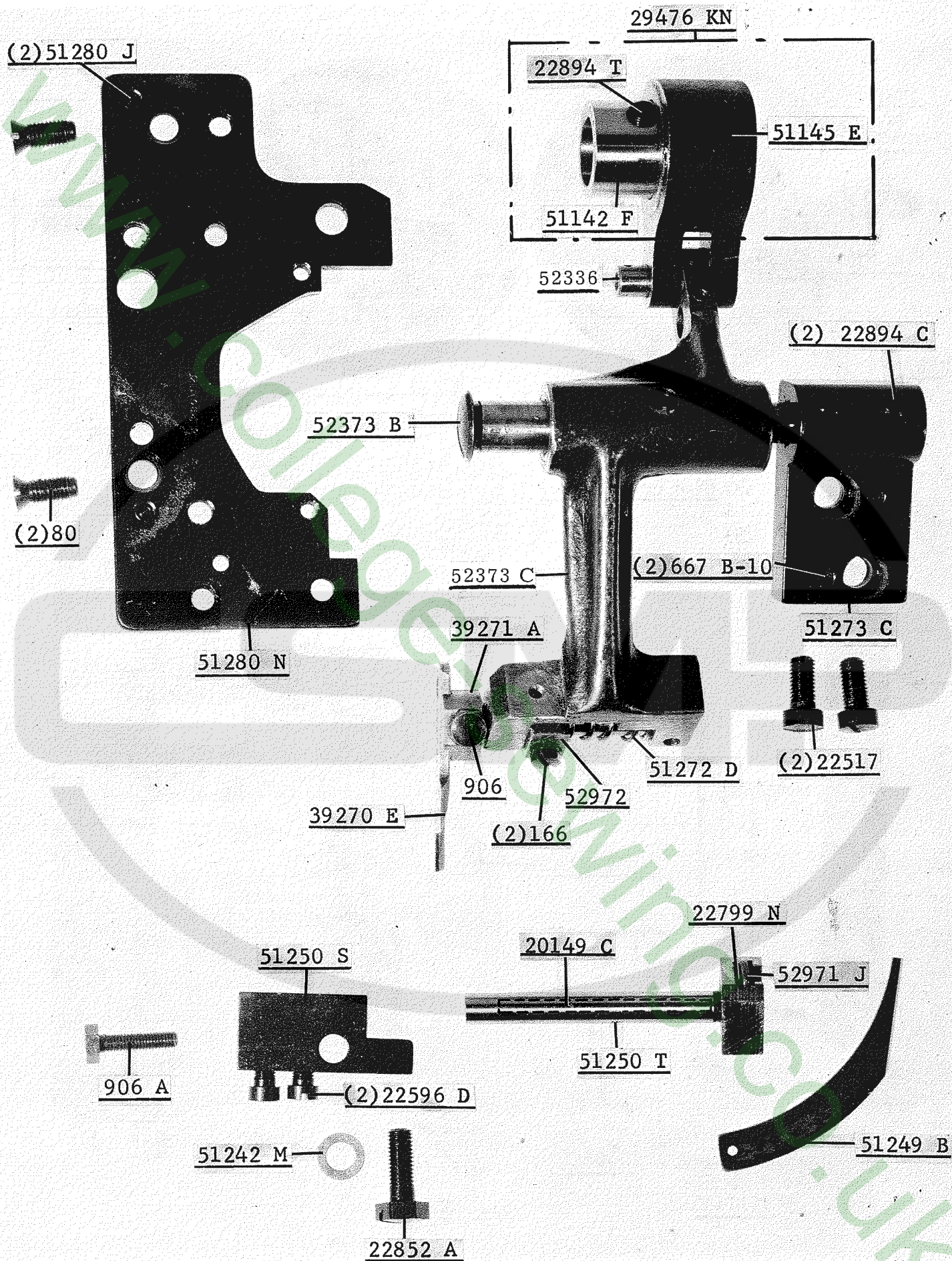
Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	8	Feed Rocker Shaft	2	531	Screw for 51493 BQ	1	21171 AC	Tape Reel Pin for
3	18	Nut for 51240 E, 55241 N, 55244 G	1	643-127	Gasket for 51493 AG	1	21177 A	21171 AB (258 A)
3	20	Washer for 51282 AH	1	660-136	Feed Crank Link			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	660-212	"O" Ring for pulley	1	B21375 AH	Oil Siphon Connection
2	28	Screw for 51704	2	660-215	Oil Seal Ring for	1	21657-3	Locking Ring
2	50-216	Pin for 51757 B	2	660-219 G	51150, 51250 E	1	21657 E	Belt Guard (93)
1	50-458	Pin for 51241 K	1	666-65	(22586 R)	1	21657 W	Tension Release
1	50-648	Lucite Oil Gauge	2	666-111	Retaining Ring for	1	21657 X	Separator
1	50-789	Oil Cap Hinge	2	666-114	52336	1	21657 Y	(22598 C, 80557)
	Blk.	Pin for 52882 AD	2	666-118	Hinge Pin for	1	21660 H	Washer for 51757 B
3	52 A	Looper Thread	2	666-149	21662 R	1	21662 R	Tension Release
		Eyelet (98 A)	2	666-170	Oil Wick for 51144	1		Lever Shaft
1	69 FD	Screw for 21664	1	666-179	Oil Wick for 8	1		Tension Release
1	73	Screw for looper	1	666-201	Oil Wick for right	1		Lever Shaft Bushing
1	77	Screw for needle	1	666-208	main shaft bearing	1		Tension Release
		lever link pin,	1	666-209	Felt Wick for 51054	1		Lever Shaft Bushing
		upper	1	666-214	Oil Wick for needle	1		Tension Release
1	77	Screw for 51054	1	667 B-10	lever	1		Lever Connection
1	77	Screw for 51236 A	2	668-25	Wedge Pin for	1		(402, 22596)
2	77 F	Screw for 51281 AR	2	668-28	666-111	1		Knee Press Assembly
			2	719	Felt Plug for 51294 U	1		Knee Press Lifter
2	80	Screw for cloth	1	753	Oil Wick for 51294 X	1		Arm for 21660 H
		plate	1	753	Felt Siphon Cup	1		(660-219 G,
2	80	Screw for 21664 F	1	753	Disc for 51294 U	1		22650 CE-6,
2	80	Screw for 51280 N	1	753	Felt Lint Filter	1		39536 AD)
1	81	Screw for 51242 Y	1	753	for 51294 M	1		Knee Press Link
1	82	Screw for 51236 G	1	753	Dowel Pin for	1		Connection for
2	87	Screw for throat	1	753	51273 C	1		21660 H (531)
		plate	1	753	Eyelet for 51292 D	1		Knee Press Link
2	88	Set Screw for	1	753	Eyelet Locking	1		for 21660 H
		15465 F	1	753	Ring for 51292 D	1		Knee Press Lever
1	88	Screw for 52894 AK	1	753	Screw for 51150,	1		for 21660 H
2	90	Screw for 52882 Y	1	753	56350 A	1		(22557 A, 39536 AD)
2	90	Screw for 52882 AD	1	753	Support Axle Cone	1		Torsion Spring for
2	90	Screw for 52894 AB	1	753	for 21171 AB	1		21660 H
1	91	Clamp Screw for	1	753	(188 D)	1		Knee Press Plate
		presser foot	1	753	Support Axle Cone	3		Lever for 21660 H
2	93	Screw for B21375 AH	1	753	for 21171 AB	2		Knee Press Plate
1	95	Plug Screw for bed	1	753	(22576)	2		for 21660 H (69 FD)
1	95	Screw for 51270 B	1	753	Screw for 39271 A	2		Bracket for 21660 H
2	95	Screw for 51147	1	753	Screw for 51250 T	1		Mounting Bracket for
1	96	Screw for 51244	1	753	(51242 M)	1		21660 H (80, 92201)
1	96	Spot Screw for	1	753		1		Finger Guard
		51723 A	1	753		1		(22517 B)
2	98	Screw for 482	1	753		3		Screw for 35731 A
2	98	Screw for 51235	1	753		2		Screw for 51273 C
1	98	Screw for 51244	1	753		2		Screw for 21695 Y
3	98 A	Screw for 52 A	1	753		2		Screw for 51235 A
1	98 A	Screw for 51291 A	1	753		2		(51235 G)
4	109	Tension Disc	1	753		1		Screw for 51244 B
2	166	Screw for 52972	1	753		1		Feed Dog Height
1	187 A	Screw for 1741 B	1	753		1		Adjusting Screw
1	188 D	Thumb Screw for	1	753		6		Screw for 51282 AF
		753	1	753		1		Screw for feed dog
1	258	Nut for 51280 E	1	753		1		Screw for 51757 B
1	258 A	Nut for 660-136	1	753		1		Screw for 53783 N
2	258 A	Nut for 21171 AC	1	753		1		Plug Screw
1	258 A	Nut for 56334 E	1	753		1		Screw for 52882 AD
1	258 A	Lock Nut for 51745	1	753		1		Screw for 51282 Y
1	258 A	Nut for 52894 AM	1	753		4		Screw for 52882 AE
2	269	Nut for 51236 G,	1	753		2		Screw for 51278 H
		51240 E	1	753		1		Screw for 21662 U
1	402	Screw for 53783 A	1	753		1		(43137 E)
2	482	Collar for 8 (98)	1	753		1		Screw for 53783 L
1	531	Screw for 21662 S,	1	753		2		Bearing Cap Screw,
		51257 M	1	753		2		lower, for 29105 AA
			1	753		2		Bearing Cap Screw,
			1	753		2		upper, for 29105 AA
			1	753		2		Screw for 29066 R
			1	753		1		Set Screw for 51134
			1	753		2		Screw for 51493 BP
			1	753		1		Screw for 51254 J
			1	753		1		Screw for ndl, lever
			1	753		3		link pin, lower
			1	753		5		Screw for bearing
			1	753		3		housing
			1	753		2		Screw for 51282 Y
			1	753		15		Screw for 51493 AH
			1	753		2		Plug Screw
			1	753		2		Plug Screw
			1	753		1		Screw for 753
			1	753		1		Set Screw for 51723 A
			1	753		2		Screw for 21171 S
			1	753		1		Screw for 21171 V

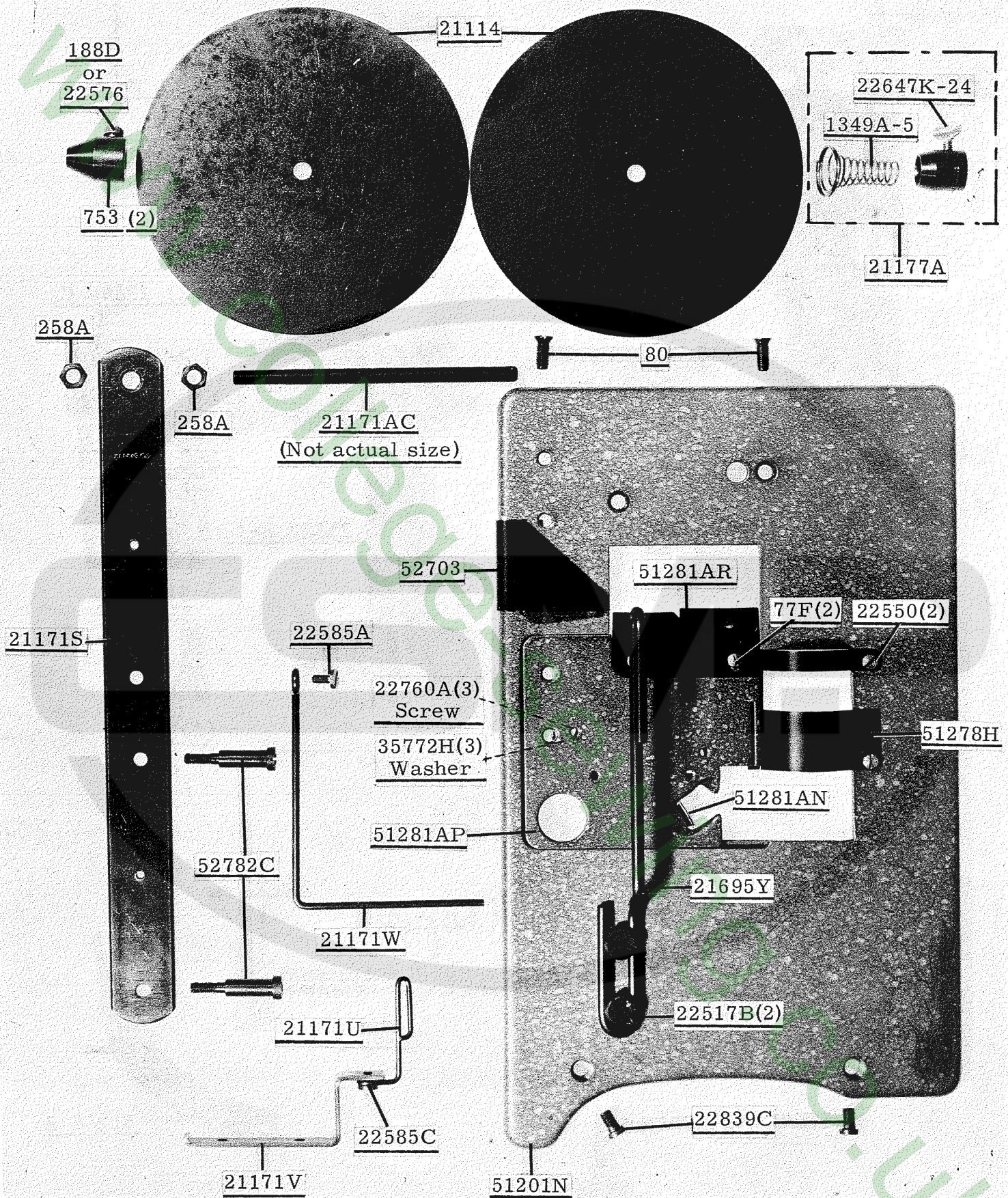
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1	22585 A	Screw for 21171 W	1	29476 KN	Knife Drive	1	51230 AE	Presser Foot Shank
2	22585 A	Screw for 51282AF			Connection			for 51220 K (91)
1	22585 B	Screw for 51225			Assembly,	1	51235	Feed Rocker (98)
		(51225 W)			. 112 inch throw	1	51235 A	Feed 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-24	Thumbscrew for	1	39270 E	51281 AN			Cap (22768)
		21177 A	1	39271 A	Upper Knife	1	51236 D	Feed Crank Link
1	22650 CE-6	Set Screw for	2	39536 AD	Upper Knife Holder	1	51236 E	for 51236 E
		21662 R			(906)	1	51236 F	Feed Crank Link
1	22729	Screw for 51243 C	1	39582 L	Spring Washer for			Assembly
1	22729 A	Screw for 51294 U			21662 R, 21662 U	1	51236 G	Feed Crank Ferrule
1	22729 B	Screw for 51294 U	2	41394 A	Oil Cap for			for 51236 E
1	22733 B	Screw for 52882 L	1	43137 E	52882 AD	1	51236 G	Feed Crank Stud
		(41394 A)	1	43266	Gasket for 22733 B			(20, 269, 82)
1	22758 C	Screw for 53783 A	1	51054	Washer for 22557 A	1	51240 E	Looper Connecting
3	22760 A	Screw for 51281 AP	1		Nut for 51292 G			Rod (18, 269)
		(35772 H)	2	51054	Feed Crank Link	1	51241 K	Looper Connecting
2	22768	Screw for 51236 B			Pin (77)			Rod and Ball Joint,
1	22768	Screw for 56358			Link Pin for	2	51242 L	right (12538)
1	22768	Screw for 56358 A	1	51134	needle lever			Thrust Washer for
1	22768	Screw for 51244 B	1	51134 C	(77, 22564)			looper drive lever
1	22799 N	Screw for 52971 J			Feed Bar (22560 B)	3	51242 M	rocker
1	22801	Screw for 51225			Feed Bar Shaft			Washer for 906 A,
1	22811 B	Screw for 51242 W	1	51134 J		1	51242 P	22852 A, 52841 G
1	22819	Screw for 51217 E	1	51134 P	Feed Dog Holder			Looper Drive Lever
1	22829	Lock Nut Screw	1	51134 R	Washer	1	51242 R	Shaft
		for 51745	1		Felt for 51134 C			Looper Drive Lever
1	22834	Needle Guard	1	51142 F	Lubricating Felt	1	51242 S	Shaft Bushing,
		Adjusting Screw			Guard			middle
2	22839 C	Screw for cloth	1		Eccentric for	1	51242 W	Looper Drive Lever
		plate	1	51144	29476 KN	1	51242 Y	Shaft Bushing, rear
1	22845 B	Screw for 51281 AN	1		(22894 T)			Looper Drive Lever
3	22848	Screw for 51282 AH	1	51145 A	Looper Rocker	1	51242 Z	(22811 B, 22894 H)
		(20)	1		Shaft			Looper Drive Lever
1	22848	Screw for 51758			Eccentric Bearing	1	51243 C	Rocker (81, 22852 A,
9	22848	Screw for 52882 L			Assembly for			51242 M)
1	22852 A	Screw for 51242 Y	1	51145 E	29476 DV	1	51244	Looper Drive Lever
		(51242 M)	1		Eccentric Bearing			Shaft Bushing, front
1	22852 A	Screw for 51250 S	1	51147	Assembly for	1	51244 B	Ball Stud Fork
1	22863	Feed Dog Holder	1		29476 KN			(22729)
		Adjusting Screw	1	51150	Main Shaft Collar	1	51244 L	Looper Rocker Frame
1	22883 A	Plug Screw			(95)	1		(96, 98)
1	22889 A	Adaptor Plug	1		Needle Lever	1	51244 B	Looper Rocker Shaft
		Screw for 51758	1	51201 N	Shaft Stop Collar	2	51244 L	Arm (22519 H, 22768)
2	22889 C	Plug Screw, back			(719)			Thrust Washer for
1	22889 D	Plug Screw, left	1	51205 K	Cloth Plate			looper rocker shaft
4	22894 C	Eccentric Set Screw	1	51213	(80, 22839 C)	1	51244 N	Looper Rocker Shaft
		for 29105 AA	1		Feed Dog (22528)			Clamp Collar (18,
2	22894 C	Screw for 52373 B	2	51216 G	Looper Rocker	1	51246	51216 N, 55244 G)
1	22894 D	Eccentric Spot			for 29192			Looper Rocker Stud
		Screw for 29105 AA	1	51216 M		1	51247	Nut
1	22894 D	Spot Screw for			Needle Lever			Main Shaft Counter-
		51406	28		Connecting Rod	1	51249 B	weight (22894 J)
1	22894 F	Screw for pulley			Needle Bearing			Lower Knife
1	22894 H	Screw for 51242 W	1	51216 N	Roller for	1	51250 A	Bushing for 51215 J
2	22894 J	Screw for 51247	1	51216 N	29476 HA	1	51250 D	Washer for 22586 R
1	22894 T	Set Screw for	1	51216 P	Washer for 56315			
		51142 F	1	51217 E	Washer for 55244 G	1	51250 F	Gasket for 22586 R
1	29066 R	Needle Lever	1		Nut for 56315	1	51250 S	Lower Knife Block
		Connecting Rod	1	51220 H	Needle Bar			(22596 D, 22852 A)
		Ball Joint			(22819)	1	51250 T	Lower Knife Clamp
1	29105 AA	Assembly (22559 G)	1		Presser Foot,			(906 A, 20149 C)
		Looper Drive	1	51220 K	optional for taping	1	51254 C	Needle Bar Bushing,
		Eccentric			operation (91)			upper
1	29192	Assembly			Presser Foot,	1	51254 D	Needle Bar Bushing,
		Looper Rocker	1	51221 C	where chaining is			lower
1	29348 Y	Assembly	1	51222 K	required (91)	1	51254 J	Needle Bar Connect.
		Needle Lever	1	51224 K-	Pulley (22894 F)			for 29348 Y (22562 A)
		Assembly	1	1/8	Main Shaft	1	51256 C	Presser Bar Spring
2	29476 DV	Feed Lift and						Presser Bar
		Looper Avoid	1	51225	Throat Plate (87)	1	51257 K	Presser Bar
		Eccentric			Needle Guard	1	51257 M	Presser Bar
		Assembly,	1	51225 W	(22585 B, 22801)			Connection and
		.062 inch throw	1	51230 AC	Washer for 51225			Guide (531)
1	29476 HA	Crankshaft	1		Presser Foot			
		Assembly,			Bottom for 51220 H			
		.770 inch throw	1	51230 AD	Presser Foot			
					Bottom for 51220 K			

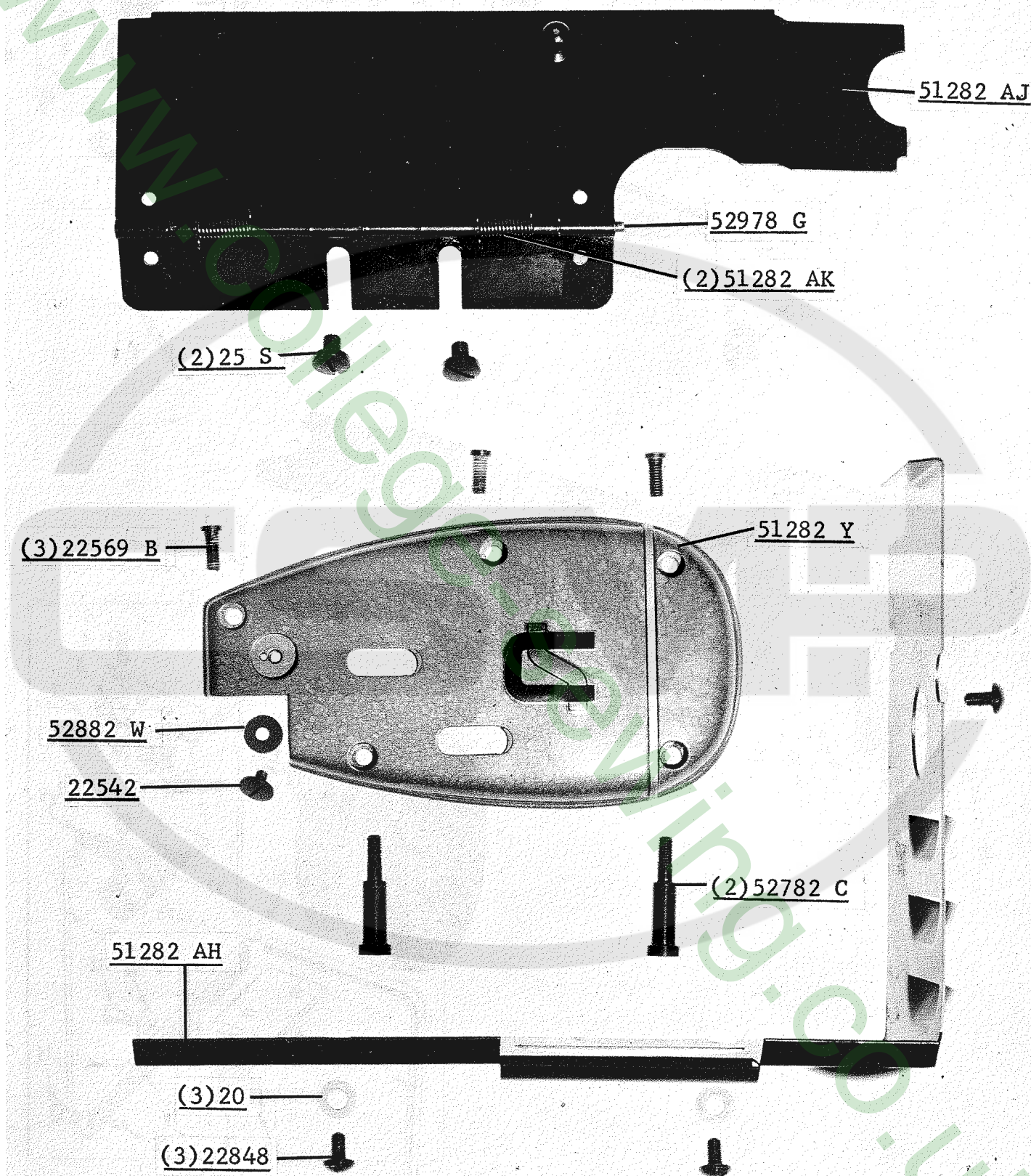
Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	51257 AA	Presser Bar	1	51493 D	Oil Pump Driving	1	52892	Tension Post
		Bushing, lower			Shaft			Support
1	51270 B	Needle Thread	2	51493 E	Driving Shaft Gear	2	52894 AB	Oil Tube Holder
		Take-up Wire (95)	1	51493 AG	Oil Pump 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 Oilier (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
					and inner right			Thread Eye,
1	51382 A	Gasket for 51282 AF						(22768)
1	51406	Eccentric for	1	52891 B	Crankshaft	1	56390 E	Crankshaft
		29476 DV (22894 D)			Housing,			Bearing
1	51409 C	Looper (73, 21210 A)			includes			Housing Gasket
2	51491 C	Lead-in Thread Eyelet			bushing (22569 B)	2	80557	Spacing Washer
								for 21657-3
								52892
						1	92201	Spring Adjusting
								Screw for
								21664 F,
								(12982)

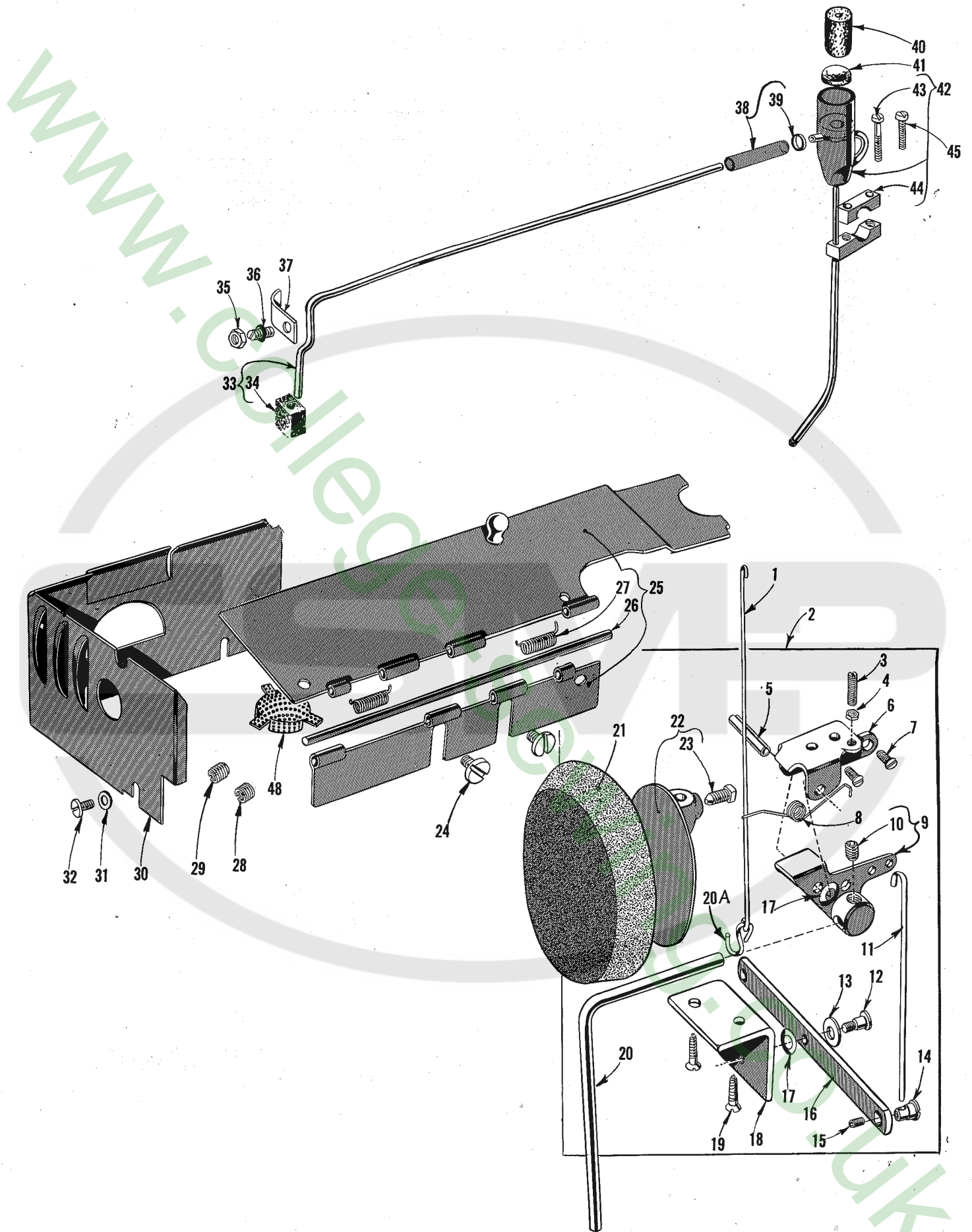
NOTE: Numbers in parenthesis following parts description indicate the screws, nuts, etc., used to attach or hold these parts.











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:

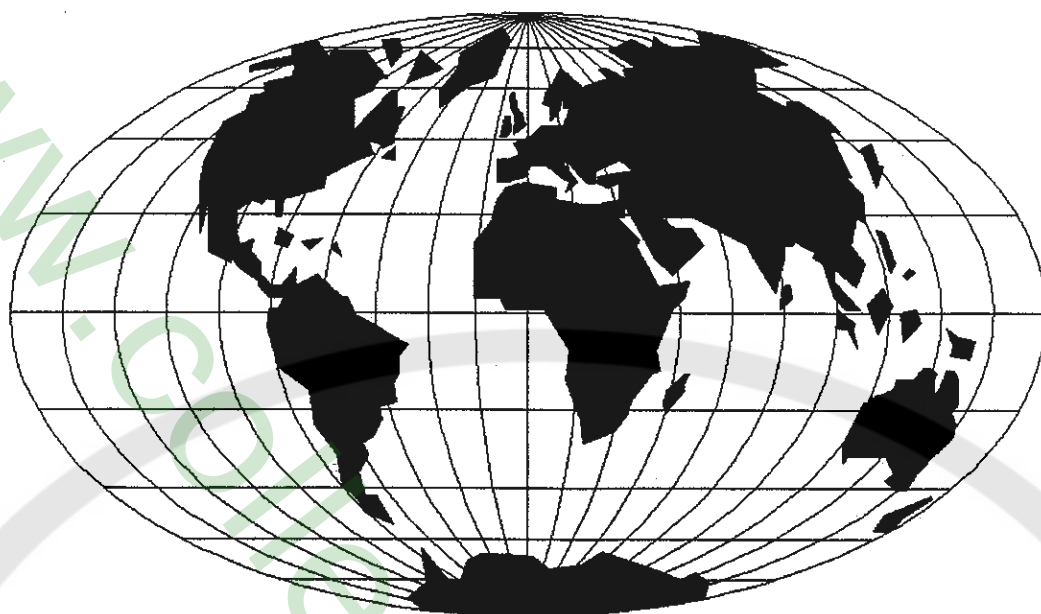
1. Extreme pressure additives—corrosive
2. Tackiness or adhesive additives
3. Lead soap additives
4. Detergents



**UNION SPECIAL
CORPORATION**

www.college-sewing.co.uk

The logo for the College Sewing Society of the Midlands (CSSMP) is centered on the page. It consists of a large, light grey circle. Inside the circle, the letters 'CSSMP' are written in a bold, stylized, light grey font. The letters are slightly shadowed, giving them a three-dimensional appearance as if they are floating within or attached to the circle.



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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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INDUSTRIAL SEWING EQUIPMENT