

**SECOND
EDITION**

Union Special[®]
INDUSTRIAL SEWING EQUIPMENT

CATALOG NO. T117L

STYLES

52300 CLASS

**STREAMLINED HIGH SPEED FOUR
THREAD MACHINES**

Catalog No. T117 L

LIST OF PARTS

Styles

52300 B	52300 D
52300 E	52300 F

The parts listed in this catalog are
furnished at list prices for repairs only.

Second Edition

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Union Special

MACHINE COMPANY

INDUSTRIAL SEWING MACHINES

CHICAGO

Printed in U.S.A.

IDENTIFICATION OF MACHINE

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: "Style 52300 B". 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: "Style 52300 BZ".

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: "52300".

APPLICATION OF CATALOG

This catalog applies specifically to the Standard Styles of machines 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.

STYLES OF MACHINES

Streamlined High Speed Flat Bed, Medium Throw, Vertical Trimmer, Front Disposal of Trimmings, Four Thread, Two Needles, Left Needle in Rear, Dual Stitch, 401 Double Locked Stitch on Left Needle, 503 Two Thread Overedge Stitch on Right Needle, Light Weight Presser Bar and Needle Bar Driving Mechanism, Single Reservoir Enclosed Automatic Lubricating System, Filter Type Oil Return Pump and Oil Siphon for Head.

52300 B For simultaneously seaming and overedging on sport shirts, ladies' blouses, street and house dresses, shoulder pads, coat linings, pillow cases, and similar operations on light to medium weight materials. Especially effective for handling wash and wear and other hard to handle materials. Seam Specification 401-503-SSa-2.

52300 D Same as Style 52300 B, except fitted with combination end cover and apron type cloth plate.

52300 E For simultaneously seaming and overedging on sport shirts, ladies' blouses, street and house dresses, shoulder pads, coat linings, pillow cases, and similar operations on light to medium weight materials. Seam Specification 401-503-SSa-2.

52300 F Same as Style 52300 E, except fitted with combination end cover and apron type cloth plate.

NEEDLES

Each Union Special needle has both a type number and a 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 the size number is the complete symbol.

Standard needle for all Styles in Class 52300 is Type 108 GS. It has a round shank, round point, extra short, double groove, struck groove, ball eye, spotted, chromium plated - available in sizes 032, 036, 040, 044, 049, 054.

NEEDLES (Continued)

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: "1000 Needles, Type 108 GS, Size 032".

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

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 Machine Company, 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 trade mark. Each trade mark is your guarantee of the highest quality in materials and workmanship.

IDENTIFYING PARTS

Where the construction permits, each part is stamped with its part number. On some of the smaller parts, and on those where 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.

TERMS

Prices are strictly net cash and are 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 200 to 250 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 machine. The oil level should be maintained between the red lines on the gauge. The capacity of the reservoir is twelve 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.

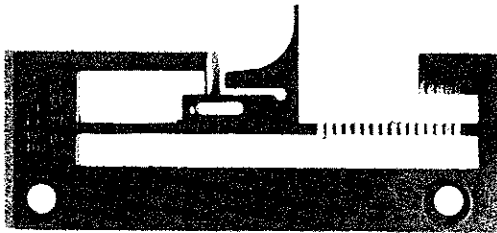
The following is a numerical list of the parts used in this machine. Quantities, part numbers, and descriptions are given. Following the parts list are photographs of some of the major parts.

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	8	Feed Rocker Shaft	2	539	Frame Thread	15	22571 A	Plug Screw
3	18	Nut for 51240 D, 55241 N, 55244 G	1	604	Eyelet (20, 22848, 22889 A)	1	22580 D	Set Screw for 52323
3	20	Washer for 539, 51236 G, 52942 R	1	604	Screw for 52381 C	1	22585	Screw for 39544 J
1	22 KH	Screw for 39543 A	1	643-127	Screw for 52930 AC	3	22585	Screw for 52393 D
2	25 B	Screw for 52378 C	1	Blk.		1	22585 A	Screw for 39544 J
2	25 S	Screw for 52378 A	1	660-136	Gasket for 52393 H	1	22585 B	Screw for 52325 (51225 W)
2	25 S	Screw for 52378 D	1	660-169	Feed Crank Link	2	22585 C	Screw for oil shield
1	27-435 Blk.	Needle Bar Eyelet Lock Washer	1	660-202	Oil Tube (258 A)	1	22586 R	Screw for 660-212
2	28	Screw for 52381 B	1	660-207	Needle Bearing for 51236 E	1	22588 A	Screw for 52350 A
2	28	Screw for 52804 A	1	660-212	"O" Ring for pulley	1	22595	Screw for 51472 B
2	28 C	Screw for 51236 A	2	666-65	Oil Seal Ring for presser foot lifter lever bushing	1	22596	Screw for 21657 Y
2	50-216 Blk.	Pin for 52357 A	2	666-111	Oil Seal Ring for 51150, 51250 E (22586 R)	1	22596	Screw for 52393
1	50-648 Blk.	Lucite Oil Gauge	2	666-114		1	22711	Screw for 52372
1	50-789 Blk.	Hinge Pin for 52882 AD	2	666-118	Oil Wick for 8	1	22711	Screw for 52885 L, Styles 52300 D, F
1	52 A	Eyelet for 52357 A (87 U)	2	666-170	Oil Wick for right main shaft bearing	1	22729	Screw for 51243 C on 29476 LG
1	54	Needle Lever Link	1	666-179	Oil Wick for left main shaft bearing	7	22729 A	Screw for 51294 U
1	73	Screw for looper	1	666-201	Oil Wick for needle lever	1	22729 B	Screw for 51294 K
1	77	Screw for 51054	1	666-209	Wedge Pin for 666-111	4	22729 D	Screw for 39544 N on 29476 LG
4	77	Screw for 51054, 51134, 51244 B, 52344	2	667 C-8	Felt Plug for 51294 U	1	22738	Screw for looper drive mechanism housing
1	78	Screw for 51054	1	668-25	Felt Plug for 51294 U	3	22738 B	Screw for 52346 A
2	80	Screw for 52301	1	668-28	Dowel Pin for 52345	1	22738 C	Screw for 52310
2	80	Screw for 52380 B	2	719	Eyelet for 51292 D	1	22758 C	Screw for 53783 A
2	87	Screw for throat plate	2	7947	Eyelet Locking Ring for 51292 D	2	22768	Screw for 51236 B
1	87 U	Screw for 52 A	1	15037 A	Screw for 51150, 51250 E	2	22768	Screw for 51258 A, 51458
1	J87 J	Screw for 41255 BA on 29476 LG	1	15465 F	Nut for 51294 R	2	22784	Screw for 52318
1	88	Screw for needle, Styles 52300 B, D, E, F-8-1/8 gauge	2	21212	Nut for 52942 R	1	22795	Screw for 51236 G
2	88	Screw for needle, Styles 52300 B, D, E, F-5-1/8, 12-3/16 gauges	1	B21375 AH	Looper Rocker Cone for 29192 (88)	1	22799 F	Hinge Screw for 52327 B-5-1/8
2	88	Screw for 15465 F	1	21657 E	Oil Siphon	1	22799 M	Stop Screw for 52885 L, Styles 52300 D, F
1	89	Spot Screw for needle holder	1	21657 W	Connection Locking Ring	1	22799 R	Hinge Screw for 52320 B-8-1/8, 52320 B-12-3/16
2	90	Screw for 52882 Y	1	21657 X	Belt Guard (93)	1	22801	Screw for 52325
2	90	Screw for 52882 AA	1	21657 Y	Washer for 52357 A	1	22829	Screw for 51745
2	90	Screw for 52894 AB	1	21657 Y	Tension Release Lever Shaft	1	22834	Needle Guard
1	91	Screw for 52330	1	21657 AA-4	Tension Release Lever Shaft Bushing	1	22848	Adjusting Screw
1	91	Screw for 52930 H	3	22513	Tension Release	1	22848	Screw for 539
2	93	Screw for B21375 AH	1	22517 B	Tension Release Lever Connection (22596)	4	22885 J,	Styles 52300 D, F
2	95	Screw for 51147	2	22519 C	Tension Release Separator	1	228863	Feed Dog Holder
1	95	Screw for 51270 B	1	22519 H	Screw for 35731 A	1	22882 A	Adjusting Screw
1	95	Screw for 52344 D	1	22528	Screw for 52358 A	1	22889 A	Screw for 52942 P
1	96	Spot Screw for 51244	1	22528	Screw for 51235 A (51235 G)	1	22889 C	Adapter Plug Screw for 539
1	96	Spot Screw for 52323	2	22537	Screw for 51244 B	2	22889 D	Plug Screw
9	97	Screw for 52345 A	1	22539 H	Screw for feed dog	1	22889 D	Plug Screw
2	97 A	Screw for 52941	1	22541 B	Screw for 52357 A	1	22894 C	Screw for 482 C
2	97 A	Screw for 55241 N	4	22548	Screw for 52357 A	1	22894 C	Screw for 52372 A
1	98	Screw for 482	1	22557 B	Screw for 52357 A	1	22894 D	Screw for 51142 B
2	98	Screw for 51235	1	22559 G	Screw for 52357 A	1	22894 D	Screw for 51142 C
1	98	Screw for 51244	1	22560 B	Screw for 52357 A	1	22894 D	Screw for 51306
3	98 A	Screw for 52358 C, 52358 D, 52958 G	3	22560 B	Screw for 52357 A	2	22894 D	Screw for 51406
10	109	Tension Disc	4	22560 B	Screw for 52357 A	1	22894 G	Screw for 52921 B
1	258	Nut for 51280 E	1	22562 A	Screw for 52357 A	1	22894 P	Screw for 52373 B
1	258 A	Nut for 660-136	1	22562 A	Screw for 52357 A	4	22894 X	Screw for 52343 C
1	258 A	Lock Nut for 51745	1	22562 G	Screw for 52357 A	1	22894 X	Screw for 52943 K
1	258 A	Nut for 51134 H	1	22565 C	Screw for 52357 A	1	22894 Z	Screw for 39543 E
2	269	Nut for 51236 G, 51240 D	1	22565 C	Screw for 52357 A	1	29066 R	Needle Lever
14	376 A	Screw for 52382	2	22565 C	Screw for 52357 A	1	29192	Connecting Rod Assembly (22559 G)
1	402	Screw for 51283 H	1	22565 C	Screw for 52357 A	1	29348 P	Looper Rocker Assembly
1	402	Screw for 53783 A	1	22565 C	Screw for 52357 A	1	29476 DP	Needle Lever Assembly
2	482	Collar for 8 (98)	1	22565 C	Screw for 52357 A	1	29476 DR	Knife Drive Eccentric Assembly, .140 inch throw
1	482 C	Looper Shaft Collar (22894 C)	1	22565 C	Screw for 52357 A	1	29476 DV	Feed Lift Eccentric Assembly, .080 inch throw
1	531	Screw for 51257 M	1	22565 C	Screw for 52357 A	1	29476 DV	Looper Avoid Eccentric Assembly for Styles 52300 B, D, .062 inch throw
1	538	Feed Dog Height Adjusting Screw	5	22569 B	Screw for bearing housing	1	29476 DV	Looper Avoid Eccentric Assembly for Styles 52300 B, D, .062 inch throw
			3	22569 B	Screw for 51282 Y			
					Screw for 52393 H			

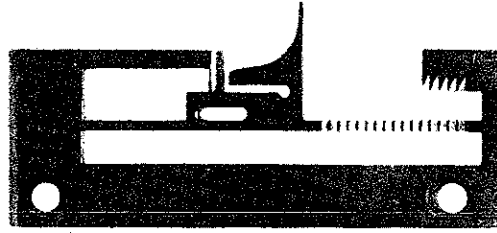
Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	29476 DX	Looper Avoid Eccentric Assembly for Styles 52300 E, F, .072 inch throw	2	51216 G	Needle Lever Connecting Rod	1	51282 Z	Head Cover Gasket
			28	51216 M	Needle Bearing Roller for 29476 KB	1	51282 AE	Needle Lever Bearing Oiler (90)
1	29476 KB	Crankshaft Assembly, .910 inch throw	1	51216 N	Washer for 51215 J	1	51283 H	Presser Foot Lifter and Tension Disc Release Lever (402)
			1	51216 P	Nut for 51215 J	1	51290 T	Main Shaft Bushing, middle
1	29476 LG	Looper Drive Crank, lower looper bar lever, spreader drive lever and connecting rod assembly (lapped parts of this assembly not furnished separately)	1	51225 W	Washer for 22585 B	5	51292 A	Tension Post Ferrule
			1	51235	Feed Rocker (98)	5	51292 C	Tension Nut
			1	51235 A	Feed Rocker Arm (22519 C)	5	51292 D	Tension Thread Eyelet
			2	51235 G	Washer for 22519 C	3	51292 F-4	Tension Spring, looper
			1	51236 A	Link Pin for feed lift eccentric (77)	2	51292 F-5	Tension Spring, needle
			1	51236 A	Link Pin for knife drive eccentric (28 C)	5	51292 G	Tension Post (43266)
			1	51236 A	Link Pin for looper avoid eccentric (77)	1	51294 K	Upper Clamp for 51294 U
2	35178 D	Spring for 666-65	1	51236 A	Feed Crank Stud Cap (22768)	1	51294 M	Oil Siphon Tube
2	35178 D	Spring for 666-114	1	51236 B	Feed Crank Link for 51236 E	1	51294 N	Oil Siphon Tube Connection
1	35731 A	Presser Bar Connection Guide Plate (22513)	1	51236 E	Feed Crank Link Assembly	1	51294 P	Oil Tube Clamp (7947, 51294 R)
1	35766	Screw for 52350 B	1	51236 F	Feed Crank Ferrule for 51236 E	1	51294 R	Screw for 51294 P (7947)
1	39151	Nut for 52308 B	1	51236 G	Feed Crank Stud (20, 269, 22795)	1	51294 U	Oil Siphon Assembly (22729 A, 22729 B)
1	39158 G	Front Cover Hinge for 52378 A	1	51240 D	Looper Connecting Rod (18, 269)	1	51306	Eccentric for 29476 DX (22894 D)
1	39158 G	Front Cover Hinge for 52378 D	1	51242 M	Washer for 52942 P	1	51406	Eccentric for 29476 DV (22894 D)
1	39158 U	Spring for 52378 A	1	51243 C	Ball Stud Fork on 29476 LG (22729)	1	51458	Needle Lever Eyelet (22768)
1	39158 U	Spring for 52378 D	1	51244	Looper Rocker Frame (96, 98)	1	51472 B	Upper Knife Clamp (22595)
1	39543	Spreader Holder, marked "J" (22564 G)	1	51244 B	Looper Rocker Shaft Arm (77, 22519 H)	5	51491 C	Lead-in Thread Eyelet
1	39543 A	Spreader Holder Collar (22 KH)	1	51244 L	Thrust Washer for 51244	1	51493 B	Stud for 52393 A
1	39543 E	Cam Follower Locking Clamp (22894 Z)	1	51244 M	Looper Rock Shaft Bushing, right	2	51493 E	Oil Pump Gear for 52393
1	39543 M	Collar Clamp (22562 A)	2	51244 N	Looper Rocker Shaft Clamp Collar (20, 51216 N, 55244 G)	1	51493 BK	Lint Filter Screen
2	39543 P	Thrust Washer	1	51246	Looper Rocker Stud Nut	1	51745	Looper Rocker Cone Stud for 29192 (258 A, 22829, 51246)
1	39543 T	Cam Follower	1	51250 D	Washer for 22586 R	1	52301	Cloth Plate, complete, for styles 52300 B, E (80)
1	39544 B	Link on 29476 LG	1	51250 E	Needle Lever Stud (719)	1	52305 D-5-1/8	Feed Dog for Styles 52300 B, D-5-1/8, B, D-8-1/8, teeth 22 per inch (22528)
2	39544 D	Link Pin on 29476 LG (77)	1	51250 F	Gasket for 22586 R	1	52305 D-12-3/16	Feed Dog for Styles 52300 B, D-12-3/16, teeth 22 per inch (22528)
1	39544 J	Guide Fork (spreader) on 29476 LG (22585, 22585 A)	1	51254 C	Needle Bar Bushing, upper	1	52305 E-5-1/8	Feed Dog for Styles 52300 E, F-5-1/8, E, F-8-1/8, teeth 16 per inch (22528)
1	39544 N	Spreader Bar Driving Lever Connecting Rod on 29476 LG	1	51254 D	Needle Bar Bushing, lower	1	52308	Looper for 401 stitch (73)
1	39582 L	Oil Cap for 52882 AD	1	51254 H	Needle Bar Connection (22562 A)	1	52308 B	Looper for 503 stitch (39151)
1	41255 BA	Guide Fork, lower looper on 29476 LG (J87 J)	1	51256 C	Presser Spring	1	52310	Looper Needle Guard (22738 B)
			1	51256 N	Presser Spring Regulator	1	52317	Needle Bar, marked "EB"
			1	51257 K	Presser Bar	1	52318	Needle Stop Plate (22784)
			1	51277 M	Presser Bar Connection and Guide (531)	1	52318 A-5-1/8	Needle Holder, marked "AH", for Styles 52300 B, D, E, F-5-1/8 (88, 89)
			1	51257 AA	Presser Bar Bushing, lower	1	52318 A-8-1/8	Needle Holder, marked "AK", for Styles 52300 B, D, E, F-8-1/8 (88, 89, 22565 C)
			1	51258 A	Needle Bar Thread Eyelet (22768)			
			1	51270 B	Needle Thread Take-up Wire (95)			
			1	51272 C	Upper Knife Holder Block Guide Collar Shaft			
			1	51272 D	Upper Knife Holder Block Guide Collar Shaft Spring			
			1	51278 G	Hinge Pin for 52378 A			
			1	51278 G	Hinge Pin for 52378 D			
			1	51280 E	Lower Knife Support Bed Pin (258)			
			1	51282 Y	Head Cover (22569 B)			

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	52318 A-12-3/16	Needle Holder, marked "AJ", for Styles 52300 B, D, E, F-12-3/16 (88, 89)	1	52344 D	Lower Looper Rock Shaft (95)	1	52393 L	Oil Pump Gear Stud for 52393
			1	52344 H	Take-up Lever	1	52394 C	Lpr. Dr. Lev. Oil Shield
			1	52345	Looper Drive Mechanism Housing (22729 L)	1	52804 A	Cast-off Plate (28)
1	52320 B-8-1/8	Presser Foot for Styles 52300 B, D, E, F-8-1/8 (22799 R)	1	52345 A	Looper Drive Mechanism Housing Top Cover (97)	2	52836 P	Feed Rock Shaft Bush.
			1	52345 B	Gasket for 52345 A	1	52836 R	Looper Rock Shaft Bushing, left
1	52320 B-12-3/16	Presser Foot for Styles 52300 B, D, E, F-12-3/16 (22799 R)	1	52346	Spreader Bar	1	52882 P	Gasket for 52882 AD
			1	52346 A	Spreader Bar Bushing and Cam Guide (22738)	1	52882 U	Gasket for 52882 AE
1	52322	Main Shaft	1	52346 C	Spreader Rock Shaft (22560 B)	1	52882 Y	Baffle Plate (90)
1	52323	Take-up (96, 22580 D)	1	52349	Knife, lower	1	52882 AA	Drip Plate for 52882 AD (90)
1	52324 B-12-3/16	Throat Plate for Styles 52300 B, D, E, F-12-3/16 for 10 to 16 S. P.I. (87)	1	52350 A	Lower Knife Clamp Plate (22588 A)	1	52882 AC	Oil Cap Torsion Spring for 52882 AD
			1	52350 B	Lower Knife Holder (22568, 35766)	1	52882 AD	Crank Chamber Cover, upper (22541 B)
1	52324 C-5-1/8	Throat Plate for Styles 52300 B, D, E, F-5-1/8 for 10 to 16 S. P.I. (87)	1	52357 A	Cast-off Support Plate (21657 E, 22528)	1	52882 AE	Crank Chamber Cover, lower (22548)
			1	52358 A	Needle Thread Guide (22517 B)	1	52883 R	Pr. Ft. Lift. Lev. Bush.
1	52324 C-8-1/8	Throat Plate for Styles 52300 B, D, E, F-8-1/8 for 10 to 16 S. P.I. (87)	1	52358 B	Looper Thread Eyelet, right, for 503 stitch (98 A)	1	52883 S	Pr. Foot Lift. Lever Bell Crank Spring
			1	52358 C	Looper Thread Eyelet, left, for 503 stitch (98 A)	1	52885 G	Hinge Bracket, front for Styles 52300 D, F (22848)
1	52324 E-5-1/8	Throat Plate for Styles 52300 E, F-5-1/8 for 7 to 10 S. P.I. (87)	1	52358 D	Needle Thread Guide Wire (22517 B)	1	52885 J	Hinge Bracket, rear, for Styles 52300 D, F (22848)
			1	52358 E	Spreader (22564 G)	1	52885 L	End Cover Spring for Styles 52300 D, F (22711, 22799 M)
1	52324 E-8-1/8	Throat Plate for Styles 52300 E, F-8-1/8 for 7 to 10 S. P.I. (87)	1	52360	Upper Knife Chain Guard	1	52888 B	Presser Bar Stop Collar (22562)
			1	52371 A	Upper Knife Holder Block (22711)	1	52890 C	Main Shaft Bush., left
1	52324 E-12-3/16	Throat Plate for Styles 52300 E, F-12-3/16 for 7 to 10 S. P.I. (87)	1	52372	Knife Holder Block Guide Collar (22894 C)	1	52891 B	Main Shaft Housing, incl. bush. (22569 B)
			2	52373 A	Bushing for 52373 C	2	52894 AB	Oil Tube Holder (90)
1	52325	Needle Guard (22585 B, 22801)	1	52373 B	Knife Rocker Bearing Stud (22894 P)	1	52894 AK	Oil Tube for looper rocker and left ball joint (22560 B)
			1	52373 C	Knife Rocker Chip Guard Assembly for Styles 52300 E, F (25 S)	1	52921 B	Pulley (22894 G)
1	52327 B-5-1/8	Presser Foot for Styles 52300 B, D, E, F-5-1/8 (22799 F)	1	52373 A	Chip Guard Latch Spring (25 B)	1	52930 H	Presser Foot Shank for 52300 B-8-1/8, 52300 B-12-3/16
			1	52373 B	Chip Guard Assembly for Styles 52300 B, D (25 S)	1	52930 W	Bearing Sleeve for 52327 B-5-1/8
1	52330	Presser Foot Shank for 52327 B-5-1/8 (91)	1	52378 C	Throat Plate Support (80)	1	52930 AC	Chain Cutter, marked "D", for pr. feet (604)
			1	52378 D	Hinge Bar Clamp for 52301 (28)	1	52930 AG	Bearing Sleeve for 52300 B-8-1/8
1	52330 B	Needle Hole Section, marked "AJ", for 52327 B-5-1/8	1	52381 B	Latch Spring for 52301 (604)	1	52941	Looper Connecting Rod Section and Ball Joint Assembly, right (20, 97 A, 15037 A)
			1	52381 C	Oil Reservoir Back Cover (376 A)	1	52942 A	Lpr. Dr. Lev. Rock Shaft
1	52330 C	Needle Hole Section, marked "AK", for 52320 B-8-1/8, 52320 B-12-3/16	1	52382	Oil Reservoir Back Cover Gasket	1	52942 P	Looper Drive Lever (22882 A, 51242 M)
			1	52382 A	Combination End Cover and Cloth Plate for Styles 52300 D, F	1	52942 R	Looper Lever Stud (20, 15037 A)
1	52330 D	Spring for 52330 B, 52330 C	1	52385	Main Shaft Bushing, inner right	1	52942 W	Looper Drive Lever Shaft Bushing, front
			1	52390	Oil Pump Assembly (22596)	1	52942 X	Looper Drive Lever Shaft Bushing, rear
1	52330 E	Bearing Sleeve for 52320 B-12-3/16	1	52393	Oil Pump Housing for 52393	1	52942 Y	Lpr. Dr. Lev. Shaft Synchronizing Stud
			1	52393 A	Oil Pump Cover for 52393 (22585)	1	52943 K	Looper Drive Crank Conn., left (22894 X)
1	52330 F-8-1/8	Presser Foot Bottom for 52320 B-8-1/8	1	52393 D	Oil Pump Intake Housing (22569 B)	1	52951 C	Looper Drive Lever Spacing Washer
			1	52393 H	Knife Drive Oil Tube (90)	1	52958 G	Lpr. Thd. Eyelet (98 A)
1	52330 F-12-3/16	Presser Foot Bottom for 52320 B-12-3/16	1	52393 J	Oil Pump Driven Gear for 52393	1	52970 E	Knife, upper
			1	52393 K		1	52992 A	Tension Post Support
1	52330 G-5-1/8	Presser Foot Bottom for 52327 B-5-1/8	1			1	52994 AC	Fd. Lift and Lpr. Avoid Eccentric Oil Tube
			1			1	53783 A	Lifter Lever Link (402, 22758 C)
1	52343 C	Main Shaft Coupling and Oil Pump Driving Gear (22894 X)	1			1	53783 L	Pr. Foot Lift. Lever Bell Crank (22557 B)
			1			1	53783 M	Pr. Foot Lift. Lever Connecting Rod
1	52344	Lower Looper Bar (77, 39151)	1			1	53783 N	Pr. Foot Lift. Lever, internal (22537)
			1			1	55241 N	Lpr. Conn. Rod Ball Joint, left (18, 97 A)
			1			1	55244 G	Lpr. Shaft Collar Stud (18, 51216 N)
			1			1	61341 J	Washer for 52393 A

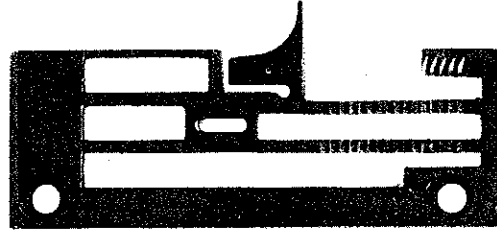
NOTE: Numbers in parentheses following parts description indicate the screws, nuts, etc., used to attach or hold these parts.



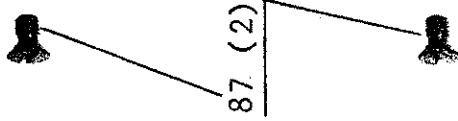
52324 C-5-1/8
52324 E-5-1/8



52324 C-8-1/8
52324 E-8-1/8



52324 B-12-3/16
52324 E-12-3/16



87 (2)



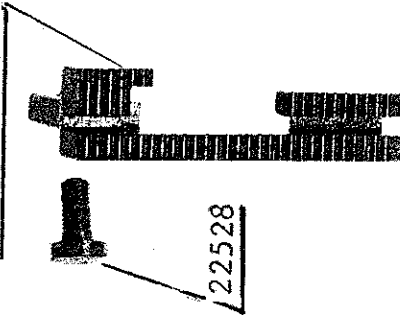
51258 A

22768

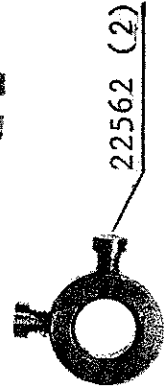
27-435 Blk.

52317

52305 E-5-1/8
52305 D-5-1/8



22528



22562 (2)

52888 B

52305 E-12-3/16
52305 D-12-3/16



22784 (2)



52318

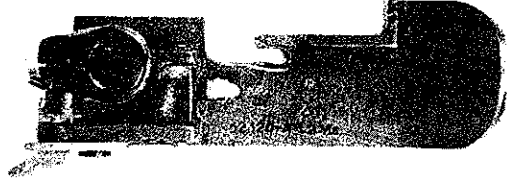
88 (2)



89

52318 A 5-1/8
52318 A 8-1/8
52318 A 12-3/16

52320 B-8-1/8
52320 B-12-3/16
52327 B-5-1/8



22562 (2)



52371 A



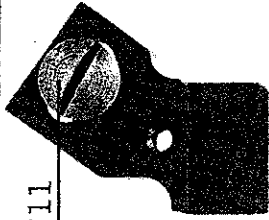
51472 B



22595



52970 E



22711



52372 A

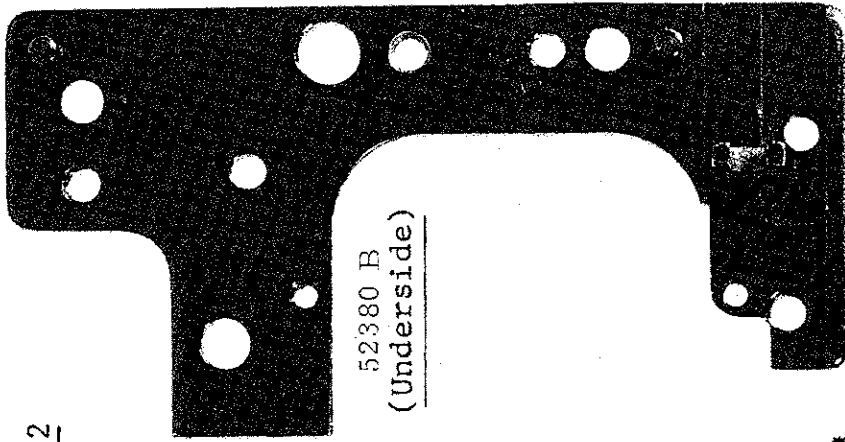


22894 C



51272 D

51272 C



52372 B
(Underside)



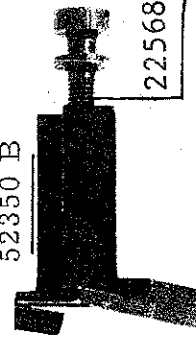
52350 B



52350 A



22588 A



22568



52378 C



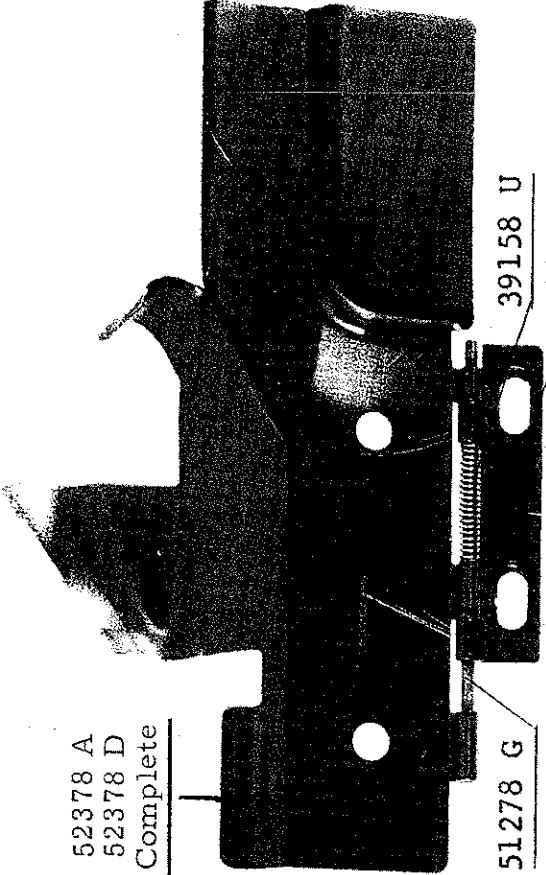
35766



80 (2)

25 B (2)

52378 A
52378 D
Complete



39158 U

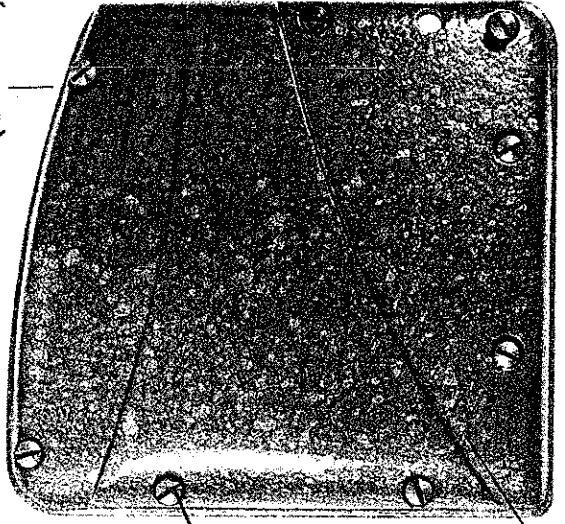
39158 G

51278 G



25 S (2)

52345 B
(Gasket)

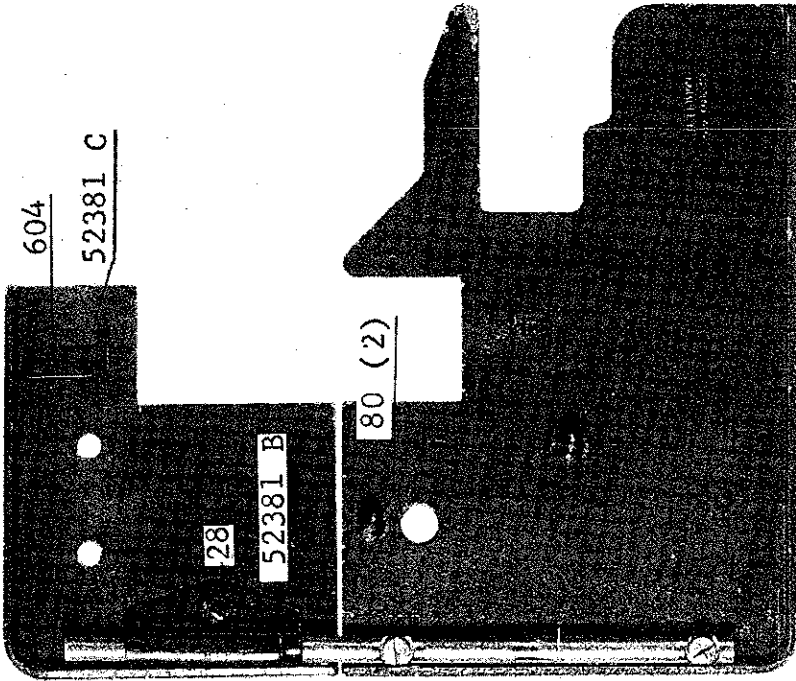


97 (9)

52345 A

604

52381 C



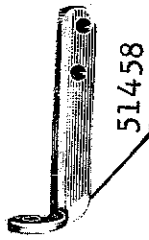
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52381 B

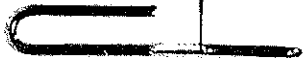
80 (2)

52301 Complete
(Underside)

22768



51458



52358 D



98 A



52358 A



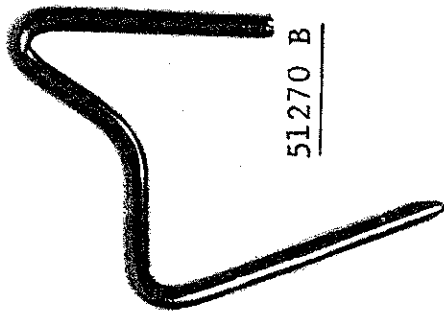
22517 B



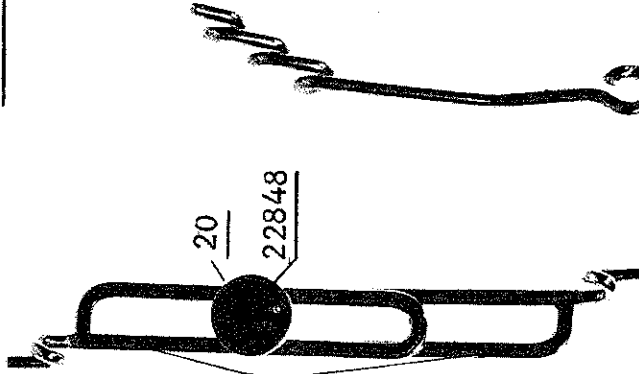
52344 H



15037 A



51270 B



539 (2)

20

22848

52358 C



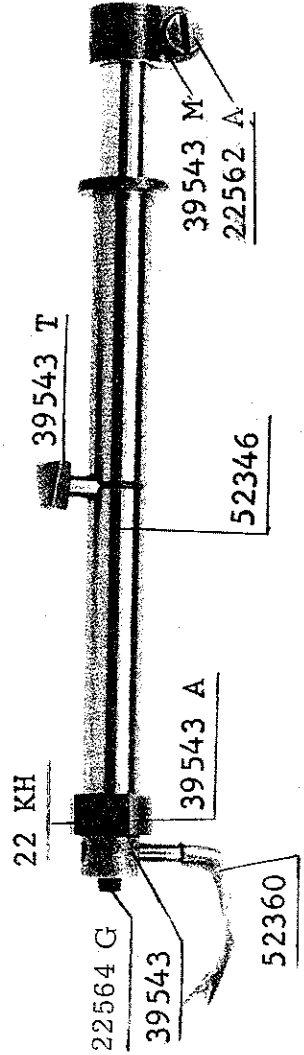
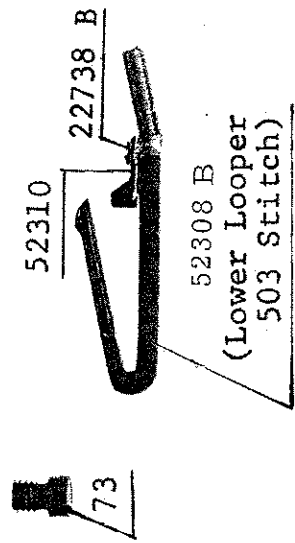
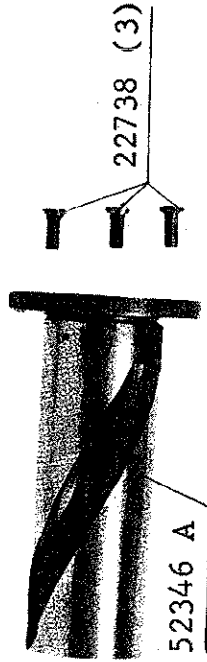
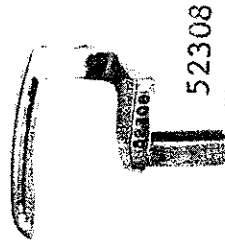
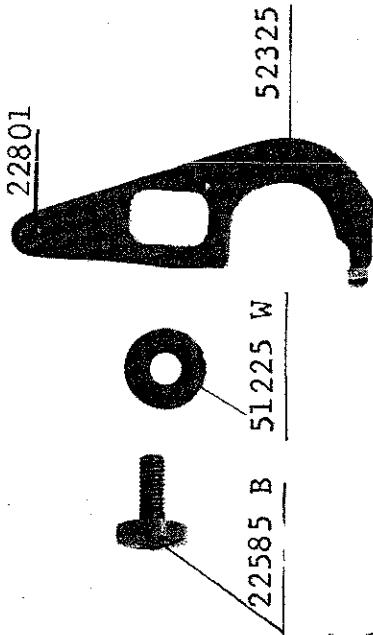
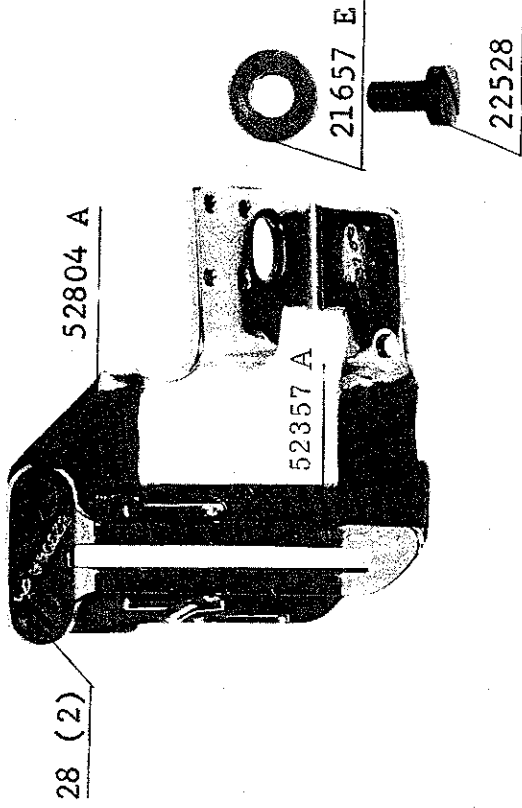
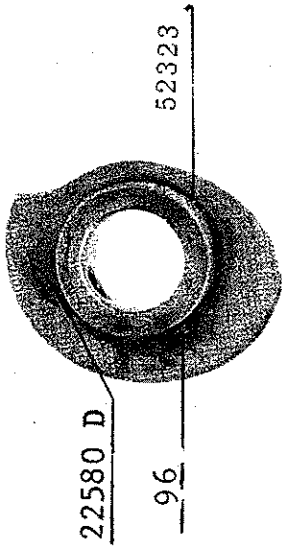
98 A



52958 G



98 A





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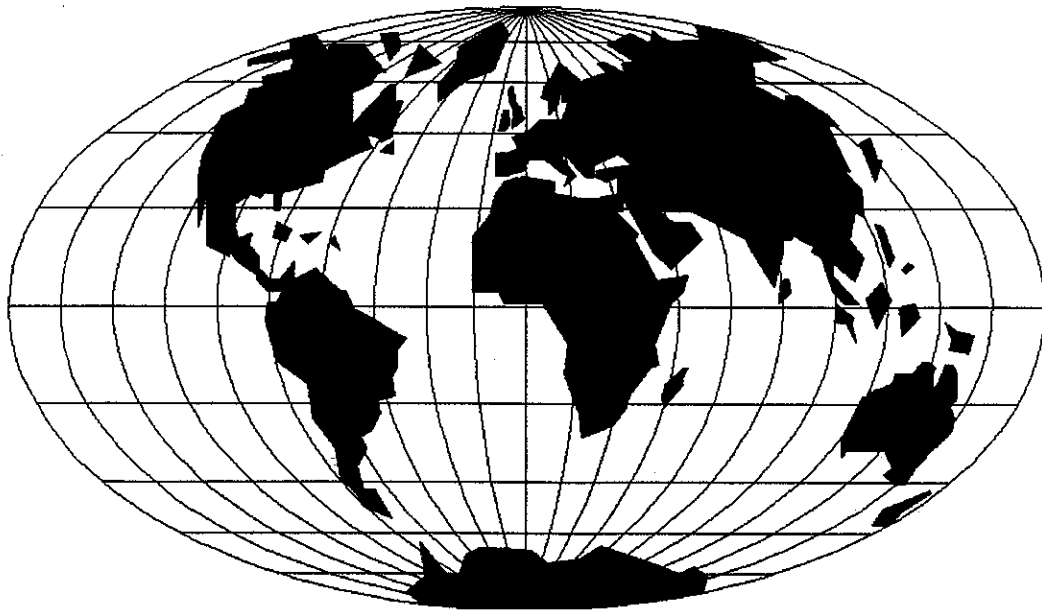
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