

MACHINE PARTS CHART

for

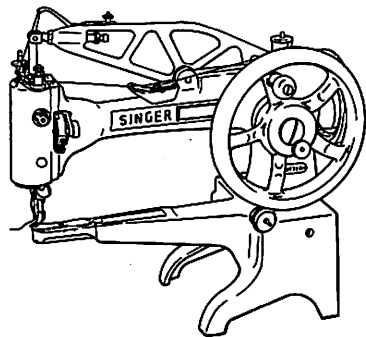
SINGER*

29U 171A
172A
173A

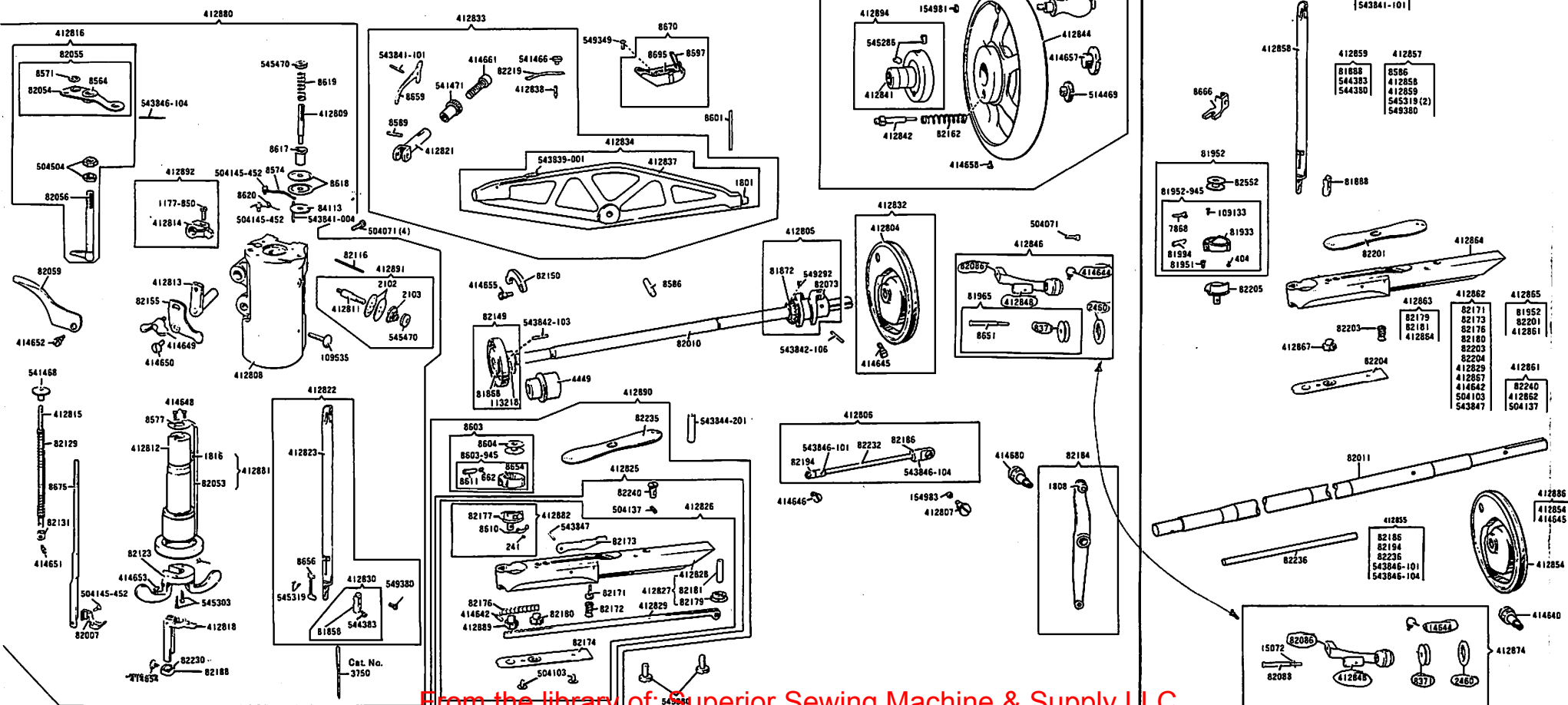
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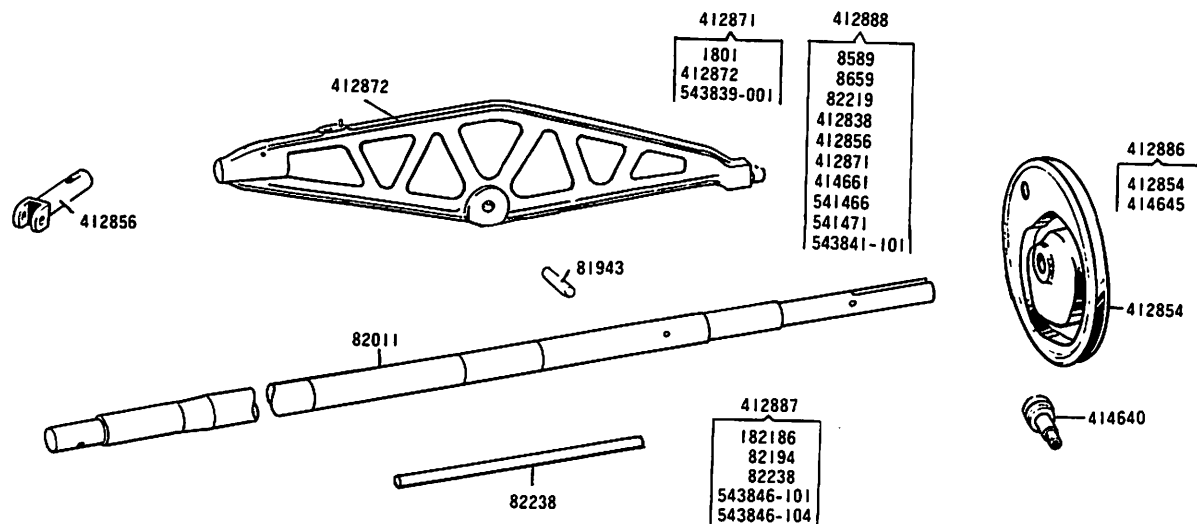
29 U171A 172A 173A



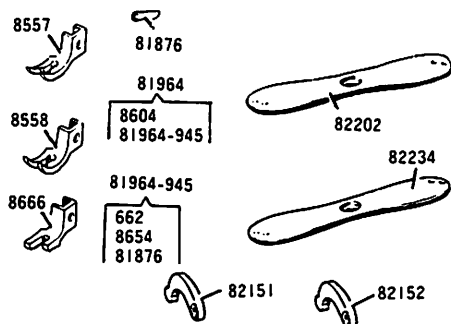
M/C. 29U172A PARTS WHICH DIFFER FROM M/C. 29U171A



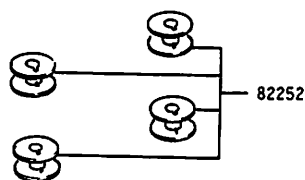
M/C. 29U173A PARTS WHICH DIFFER FROM M/C. 29U171A



OPTIONAL PARTS

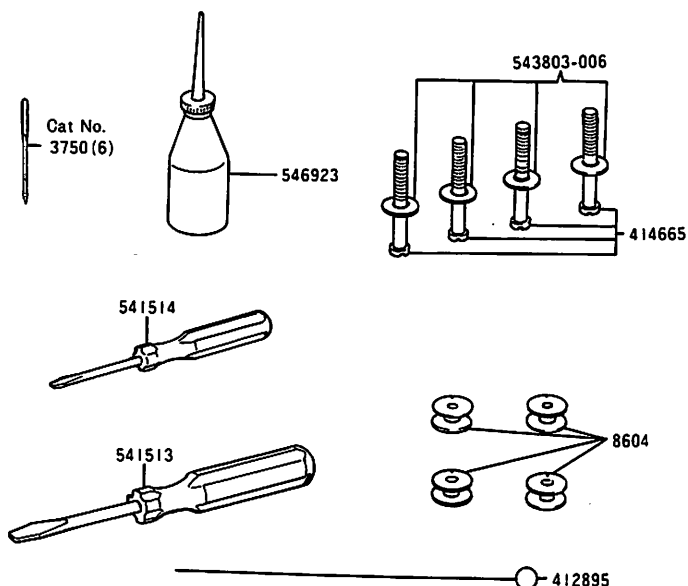


ACCESSORIES FOR M/C. 29U172A P/N.412896-002

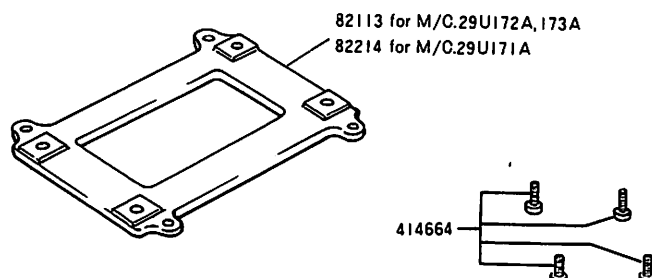


412896-002
Cat No. 3750 (6)
82252(4)
82257
412895
414665(4)
541513
541514
543803-006 (4)

ACCESSORIES FOR M/C. 29U171A & 29U173A P/N.412896-001



OPTIONAL ACCESSORIES



NUMERICAL LIST OF PARTS FOR 29U171A MACHINE

<u>Part No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Description</u>
241	Shuttle Carrier Spring Screw	82173	Needle Plate Releasing Lever
662	Shuttle Tension Regulating Screw	82174	Pinion Cover Plate
1177-850	Vibrating Presser Lifting Lever Shaft	82176	Rack (Short)
	Lever Clamping Screw	82177	Shuttle Carrier
1801	Needle Bar Driving Lever Cam Roller and Stud	82179	Shuttle Carrier Driving Pinion Bushing
1808	Shuttle Driving Cam Roller and Stud	82180	Shuttle Carrier Following Pinion
1816	Feed Motion Ring Slide Bar Roller and Stud	82181	Shuttle Carrier Following Pinion Stud
		82184	Shuttle Driving Lever with 1808
2102	Tension (Side) Disc (2)	82186	Shuttle Driving Lever Connecting Rod End (Back)
2103	Tension (Side) Spring	82188	Stitch Regulator
2460	Bobbin Winder Spindle Pulley Rubber Ring	82194	Shuttle Driving Lever Connecting Rod End (Front)
4288	Arm Side Cover (Back)	82219	Check Lever Tension Spring
4449	Shaft Bushing	82230	Stitch Regulator Gib
8371	Bobbin Winder Spindle Pulley	82232	Shuttle Driving Lever Connecting Rod
8564	Foot Bar Revolving Joint	82235	Needle Plate (Fine and Medium Needle Holes)
8571	Foot Bar Revolving Joint Washer		
8574	Head Revolving Bushing Friction Spring	82240	Needle Plate Hinge Pin
8577	Head Revolving Bush Supporting Washer	84113	Tension (Top) Disc Washer (Leather)
8586	Needle Bar Driving Lever Joint Pin	109535	Head Revolving Bush Stop Thumb Screw
8589	Needle Bar Piston Joint Pin	113218	Vibrating Presser Roller
8597	Oil Cup Spring	154981	Hand Wheel Handle Spindle Nut
8601	Spool Pin	154983	Shuttle Driving Lever Eccentric Stud Nut
8603	Shuttle and Bobbin Complete 8603-945, 8604	412804	Needle Bar Cam and Pulley Wheel
8603-945	Shuttle Complete 662, 8611, 8654	412805	Shuttle Driving Cam and Gear Complete 81872, 82073, 549292
8604	Shuttle Bobbin	412806	Shuttle Driving Lever Connecting Rod Complete 82186, 82194, 82232, 543846-101, 543846-104
8610	Shuttle Carrier Spring		
8611	Shuttle Tension Spring	412807	Shuttle Driving Lever Eccentric Stud
8617	Tension (Top) Cup (Release)	412808	Head of Machine
8618	Tension (Top) Disc (2)	412809	Tension (Top) Adjusting Stud
8619	Tension (Top) Spring	412810	Tension (Side) Adjusting Stud Complete (for Agent) 412811, 545470
8620	Thread Eyelete (Head of Arm)	412811	Tension (Side) Adjusting Stud
8651	Bobbin Winder Spindle	412812	Head Revolving Bush
8654	Shuttle Body	412813	Vibrating Presser Lifting Lever Shaft
8656	Needle Bar Thread Tension Spring	412814	Vibrating Presser Lifting Lever Shaft Lever
8659	Check Lever		
8670	Oil Cup with 8695, 8697	412815	Vibrating Presser Spring Bar
8675	Foot Bar	412816	Foot Bar Revolving Joint Complete 82055, 82056, 504504 (2)
8695	Oil Cup Oil Pud (Felt)	412818	Feed Motion Bell Crank Lever
81858	Needle Bar Clamp	412821	Needle Bar Piston Joint
81866	Hand Wheel Handle	412822	Needle Bar Complete 8656, 412823, 412830, 545319 (2), 549380
81868	Vibrating Presser Roller Pin		
81869	Hand Wheel Shaft Gear	412823	Needle Bar
81872	Shuttle Driving Cam Gear	412825	Shuttle Driving Gear Box 412826 with 82240 & 504137
81965	Bobbin Winder Spindle Complete (8371 & 8651) for Agent	412826	Shuttle Driving Gear Box Complete 82171, 82172, 82173, 82174, 82176, 82180, 412827, 412829, 412882, 412889, 414642, 504103 (2), 543847
82007	Feeding Foot	412827	Shuttle Driving Gear Box 412828 with 82179 & 82181
82008	Hand Wheel Shaft		
82010	Shaft (Short)	412828	Shuttle Driving Gear Box
82034	Arm Side Cover (Front)	412829	Rack (Long)
82052	Hand Wheel Hub	412830	Needle Bar Clamp Complete 81858, 544383
82053	Feed Motion Ring Slide Bar	412831	Shuttle Driving Gear Box 412827 with 82240 & 504137 for Agent
82054	Foot Bar Revolving Joint Bearing	412832	Needle Bar Cam and Pulley Wheel with 414645
82055	Foot Bar Revolving Joint Bearing Complete 8564, 8571, 82054	412833	Needle Bar Driving Lever Complete 8589, 8659, 82219, 412821, 412834, 412838, 414661, 541466, 541471, 543841-101
82056	Foot Bar Revolving Joint Slide Rod		
82059	Lifter	412834	Needle Bar Driving Lever (Body) Complete 1801, 412837, 543839-001
82073	Shuttle Driving Cam	412837	Needle Bar Driving Lever (Body)
82086	Bobbin Winder Frame	412838	Check Lever Tension Stud
82116	Tension (Side) Thread Guide Pin	412839	Hand Wheel Hub Complete 82052, 412893
82123	Head Revolving Bush Handle		
82129	Vibrating Presser Spring		
82131	Vibrating Presser Spring Bar Collar		
82149	Feed Motion Cam Wheel with 81868, 113218		
82150	Vibrating Presser Lifting Lever (for Medium Work)		
82155	Vibrating Presser Lifting Lever Shaft Adjusting Lever		
82162	Hand Wheel Stop Motion Plunger Spring		
82171	Needle Plate Locating Plunger		
82172	Needle Plate Locating Plunger Spring		

[illegible]

<u>Part No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Description</u>
412857	Needle Bar Complete 8656, 412858, 412859, 545319 (2), 549380	412822	Needle Bar Complete 8656, 412823, 412830, 545319 (2), 549380
412858	Needle Bar	412823	Needle Bar
412859	Needle Bar Clamp Complete 81888, 544383	412825	Shuttle Driving Gear Box 412826 with 82240 & 504137
412861	Shuttle Driving Gear Box 412862 with 82240 & 504137	412826	Shuttle Driving Gear Box Complete 82171, 82172, 82173, 82174, 82176, 82180, 412827, 412829, 412882, 412889, 414642, 504103 (2), 543847
412862	Shuttle Driving Gear Box Complete 82171, 82173, 82176, 82180, 82203, 82204, 82205, 412829, 412863, 412867, 414642, 504103 (2), 543847	412827	Shuttle Driving Gear Box 412828 with 82179 & 82181
412863	Shuttle Driving Gear Box 412864 with 82179 & 82181	412828	Shuttle Driving Gear Box
412864	Shuttle Driving Gear Box	412830	Needle Bar Clamp Complete 81858, 544383
412865	Shuttle Driving Gear Box Complete 82201, 81952, 412861	412831	Shuttle Driving Gear Box 412827 with 82240 & 504137
412866	Shuttle Driving Gear Box 412863 with 82240 & 504137	412832	Needle Bar Cam and Pulley Wheel with 414645
412867	Shuttle Carrier Driving Pinion	412833	Needle Bar Driving Lever Complete 8589, 8659, 82219, 412821, 412834, 412838, 414661, 541466, 541471, 543841-101
412871	Needle Bar Driving Lever (Body) Complete 1801, 414872, 543839-001	412834	Needle Bar Driving Lever (Body) Complete 1801, 412837, 543839-001
412872	Needle Bar Driving Lever (Body)	412837	Needle Bar Driving Lever (Body)
412874	Bobbin Winder Complete 2460, 8371, 15072, 82086, 82088, 82089, 412848, 414644,	412846	Bobbin Winder Complete 2460, 8371, 8651, 82086, 412848, 414644
412879	Head of Machine Complete 8574, 8577, 8617, 8618 (2), 8619, 8620, 8666, 8675, 82059, 82116, 82123, 82129, 82131, 82155, 82188, 82230, 84113, 109535, 412808, 412809, 412812, 412813, 412815, 412816, 412818, 412819, 412857, 412881, 412892, 414648 (2), 414649, 414650, 414651, 414652, 414653, 414654, 504145-452 (3), 541468, 543841-004, 543846-104, 545303 (2), 545470	412880	Head of Machine Complete 8574, 8577, 8617, 8618 (2), 8619, 8620, 8675, 82007, 82059, 82116, 82123, 82129, 82131, 82155, 82188, 82230, 84113, 109535, 412808, 412809, 412812, 412813, 412815, 412816, 412818, 412822, 412881, 412891, 412892, 414648 (2), 414649, 414650, 414651, 414652, 414653, 414654, 504145-452 (3), 541468, 543841-004, 543846-104, 545303 (2), 545470
412886	Needle Bar Cam and Pulley Wheel with 414645	412882	Shuttle Carrier Complete 241, 8610, 82177
412888	Needle Bar Driving Lever Complete 8589, 8659, 82219, 412838, 412856, 412871, 414661, 541466, 541471, 543841-101	412889	Shuttle Carrier Driving Pinion
414640	Shuttle Driving Lever Bearing Screw	412890	Shuttle Driving Gear Box Complete 8603, 82235, 412825
		412891	Tension (Side) Adjusting Stud Complete 2102 (2), 2103, 412811, 545470
		414680	Shuttle Driving Lever Bearing Screw

PARTS REMOVED

SUPPLEMENTARY PARTS LIST FOR 29U173A MACHINE

(Same as the complete list for 29U171A with the following exceptions)

PARTS ADDED

241	Shuttle Carrier Spring Screw
662	Shuttle Tension Regulating Screw
2103	Tension (Side) Spring
8586	Needle Bar Driving Lever Joint Pin
8603	Shuttle and Bobbin Complete 8603-945, 8604
8603-945	Shuttle Complete 662, 8611, 8654
8604	Shuttle Bobbin
8610	Shuttle Carrier Spring
8611	Shuttle Tension Spring
8651	Bobbin Winder Spindle
8654	Shuttle Body
81858	Needle Bar Clamp
81965	Bobbin Winder Spindle Complete (8371 & 8651) for Agent
82007	Feeding Foot
82010	Shaft (Short)
82172	Needle Plate Locating Plunger Spring
82174	Pinion Cover Plate
82177	Shuttle Carrier
82232	Shuttle Driving Lever Connecting Rod
82235	Needle Plate (Fine and Medium Needle Holes)
412804	Needle Bar Cam and Pulley Wheel
412806	Shuttle Driving Lever Connecting Rod Complete 82186, 82194, 82232, 543846-101, 543846-104
412821	Needle Bar Piston Joint

81934	Needle Bar Driving Lever Joint Pin
82011	Shaft (Long)
82238	Shuttle Driving Lever Connecting Rod
412854	Needle Bar Cam and Pulley Wheel
412856	Needle Bar Piston Joint
412871	Needle Bar Driving Lever (Body) Complete 1801, 412872, 543839-001
412872	Needle Bar Driving Lever (Body)
412886	Needle Bar Cam and Pulley Wheel with 414645
412887	Shuttle Driving Lever Connecting Rod Complete 82186, 82194, 82238, 543846-101, 543846-104
412888	Needle Bar Driving Lever Complete 8589, 8659, 82219, 412838, 412856, 412871, 414661, 541466, 541471, 543841-101
414640	Shuttle Driving Lever Bearing Screw

<u>Part No.</u>	<u>Description</u>
<u>PARTS REMOVED</u>	
8586	Needle Bar Driving Lever Joint Pin
82010	Shaft (Short)
82232	Shuttle Driving Lever Connecting Rod
412804	Needle Bar Cam and Pulley Wheel
412806	Shuttle Driving Lever Connecting Rod Complete 82186, 82194, 82232, 543846- 101, 543846-104
412821	Needle Bar Piston Joint
412832	Needle Bar Cam and Pulley Wheel with 414645
412833	Needle Bar Driving Lever Complete 8589, 8659, 82219, 412821, 412834, 412838, 414661, 541466, 541471, 543841-101
412834	Needle Bar Driving Lever (Body) Complete 1801, 412837, 543839-001
412837	Needle Bar Driving Lever (Body)
414680	Shuttle Driving Lever Bearing Screw

OPTIONAL PARTS

662	Shuttle Tension Regulating Screw
8557	Feeding Foot (Narrow Fork, Fine)
8558	Feeding Foot (Narrow Fork, Coarse)
8604	Shuttle Bobbin
8654	Shuttle Body
8666	Feeding Foot (for Waxed Thread)
81876	Shuttle Tension Spring (Heavy) (for 29U171A, 173A M/C)
81964	Shuttle and Bobbin Complete (for Heavy Work) (for 29U171A, 173A M/C)
81964-945	Shuttle Complete (for Heavy Work)
82151	Vibrating Presser Lifting Lever (for Light Work)
82152	Vibrating Presser Lifting Lever (for Heavy Work)
82202	Needle Plate (Medium and Coarse Needle Holes) (for 29U172A M/C)
82234	Needle Plate (Medium and Coarse Needle Holes) (for 29U171A, 173A M/C)

ACCESSORIES FOR 29U171A AND 29U173A MACHINES

Cat.No.3750	Needle (29 X 4) #18 (6)
8604	Shuttle Bobbin (for #8603-945) (for 29U171A, 173A M/C) (4)
412895	Needle Bar Threading Wire
412896-001	Accessories (for 29U171 & 173 M/C)
414665	Machine Screw (for Fastening Machine to Power Table) (4)
541513	Screw Driver (Large)
541514	Screw Driver (Small)
543803-006	Machine Screw Washer (4)
546923	Oiler (Filled with 130 cc Singer Type "B" Oil)

ACCESSORIES FOR 29U172A MACHINE

Cat.No.3750	Needle (29 X 4) #18 (6)
82252	Shuttle Bobbin (for #81952) (for 29U172A M/C) (4)
412895	Needle Bar Threading Wire
412896-002	Accessories (for 29U172A M/C)
414665	Machine Screw (for Fastening Machine to Power Table) (4)
541513	Screw Driver (Large)
541514	Screw Driver (Small)
543803-006	Machine Screw Washer (4)
546923	Oiler (Filled with 130 cc Singer Type "B" Oil)

<u>Part No.</u>	<u>Description</u>
<u>OPTIONAL ACCESSORIES</u>	
82113	Machine Base (for 29U172A, 173A M/C)
82214	Machine Base (for 29U171A M/C)
414664	Machine Screw (for Fastening Base to Machine) (4)