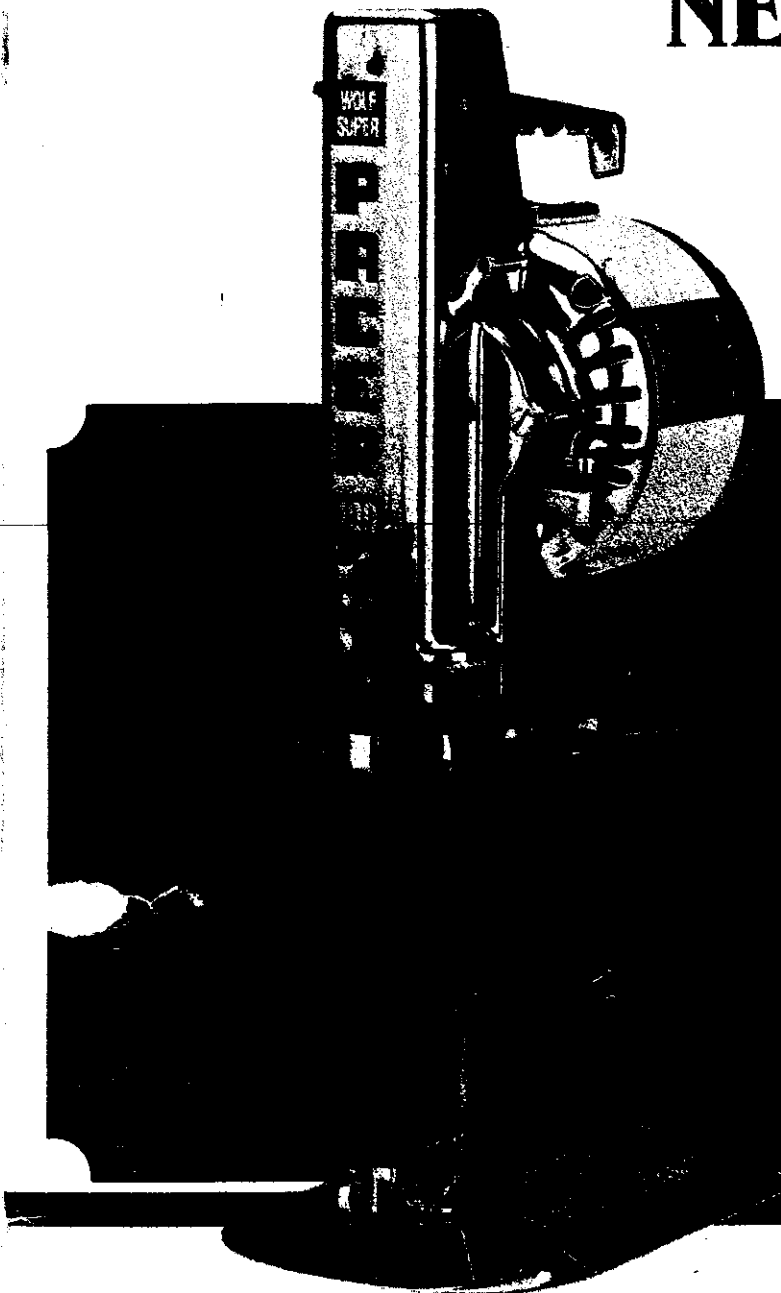


PARTS AND SERVICE MANUAL

NEW PACER 100

Sharpener Series
VI, VII, VIII, X & XI



WOLF®

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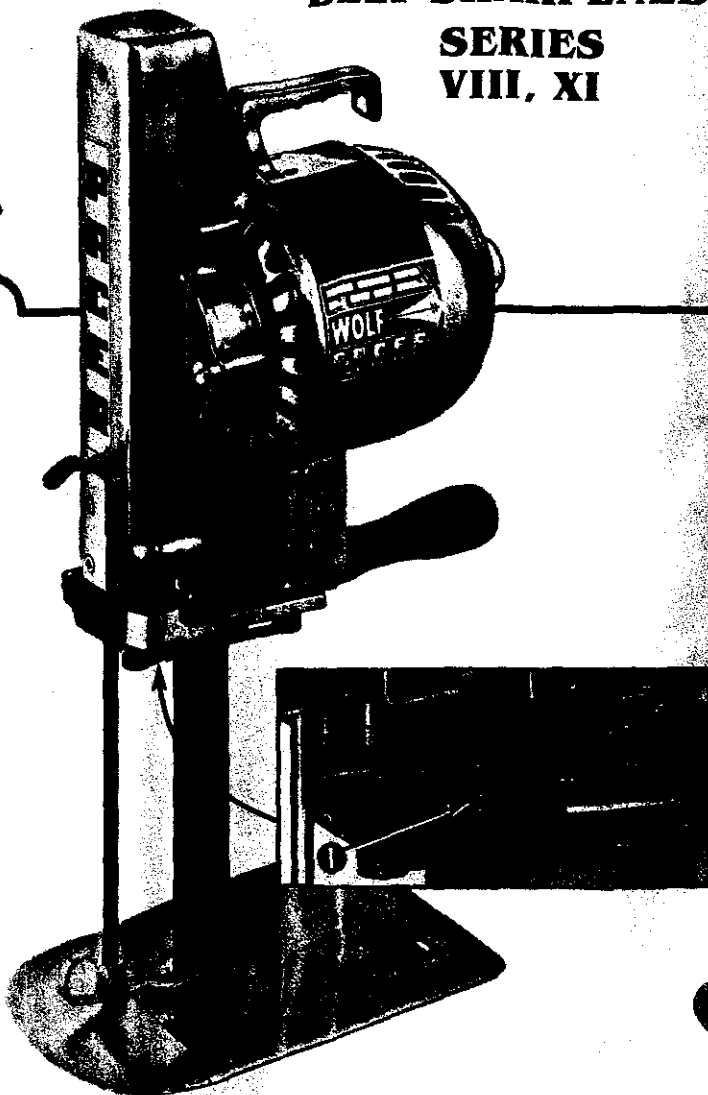
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WOLF STRAIGHT KNIFE CLOTH CUTTING MACHINES

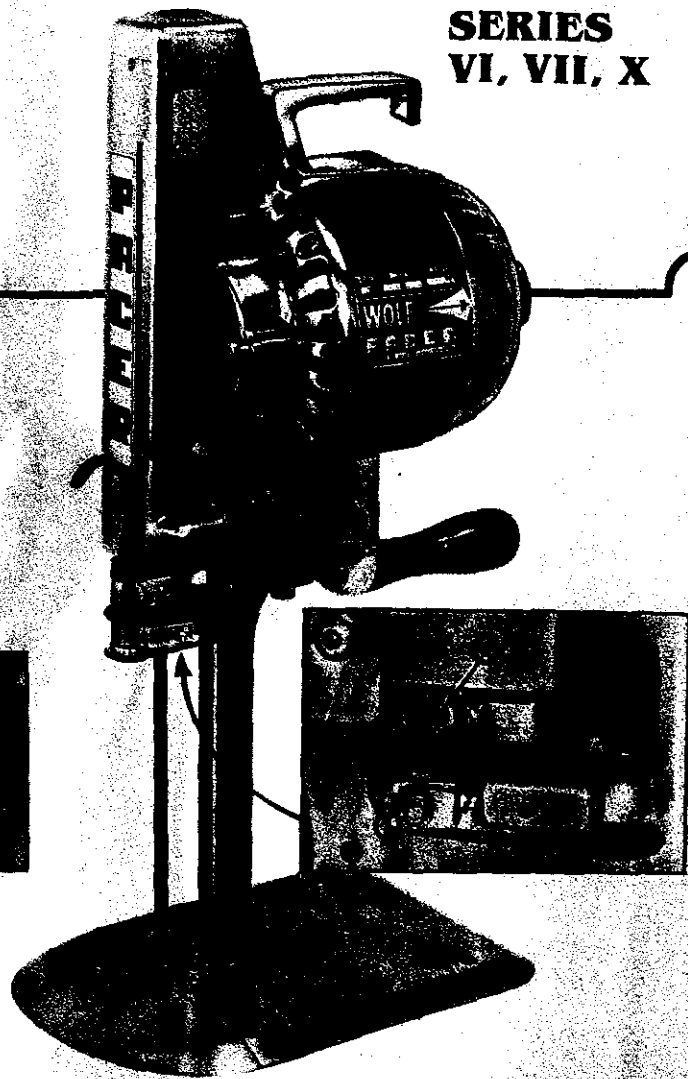
Wolf offers two basic machine models in the Straight Knife Cloth Cutting machines: The Stone sharpened series and The Belt sharpened series. Both are available in 5", 6", 7", 8", 10", and 14" models. All have the same quality engineering that Wolf has built its reputation on.

BELT SHARPENED SERIES VIII, XI



The Wolf Belt Sharpened Series has a unique emery belt sharpening head which produces an exceptionally fine honed, slick blade edge that is superior for cutting finely textured materials and for special trimming. Emery belts graded fine, medium, coarse, and very coarse are used to change the blade edge for cutting medium to coarse or hard fabrics. A simplified bevel adjustment control provides easy positive knife bevel selection. (See #1 above & Pg. 13). Emery belt replacement is accomplished in seconds with a finger-tip, quick-change mechanism (See #2 above & Pg. 12).

STONE SHARPENED SERIES VI, VII, X



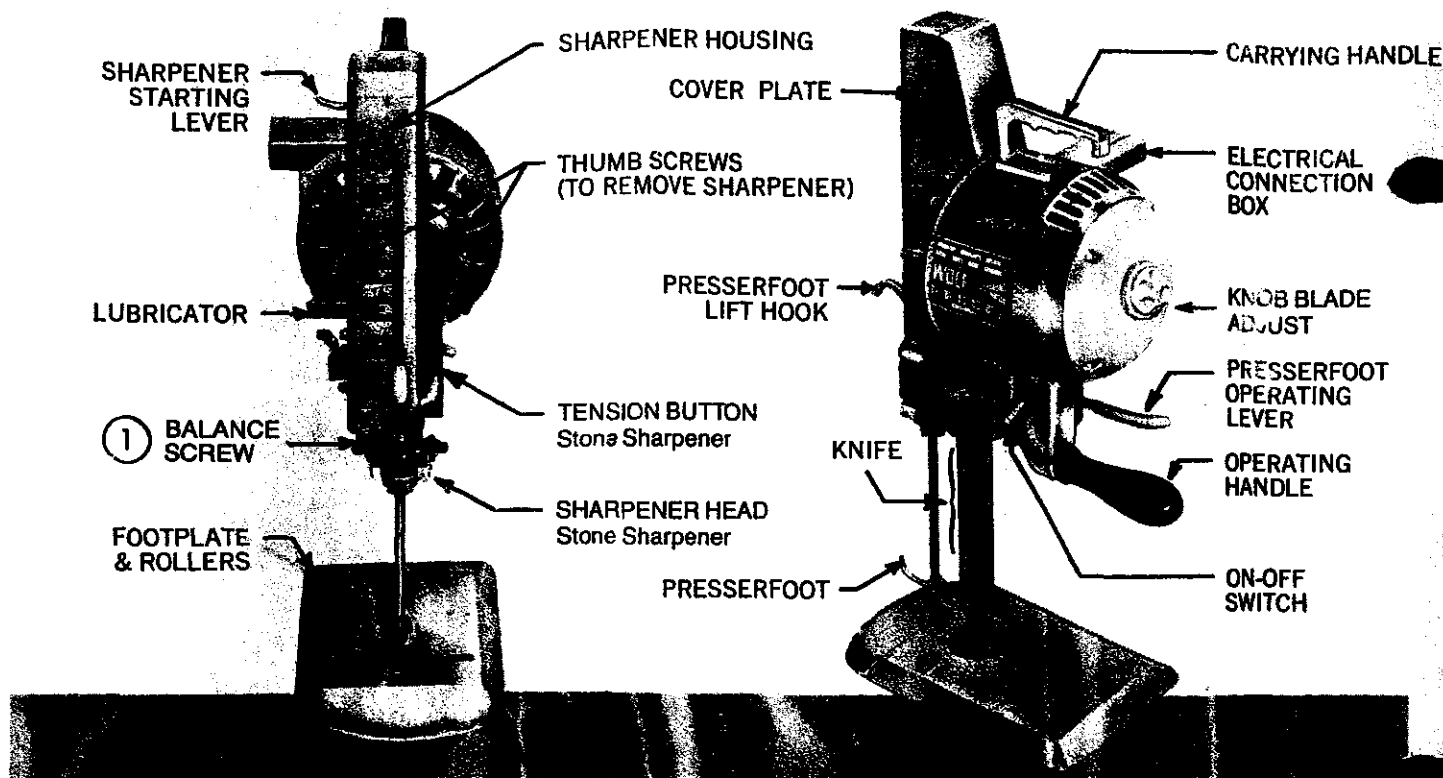
The Wolf Pacer Stone Sharpened Series is a stone sharpened straight knife which is the most versatile and economical machine for a wide variety of fabric cutting. Tension can be adjusted to balance emery wheel pressure with extreme sensitivity (See #3 above & Pgs. 8-9.). The mechanism is self locking to maintain positive adjustment.

Millimeter Equivalents, Machine Sizes: 5" — 127 mm, 6" — 152 mm, 7" — 178 mm, 8" — 203 mm, 10" — 254 mm, 14" — 356 mm

INSTRUCTIONS FOR A NEW PACER

CAUTION: READ PAGES 2 & 3 BEFORE OPERATING MACHINE

This Service and Parts Manual has been supplied to enable you to take the best possible care of your machine. By carefully following the service instructions contained in this Manual, you will be assured of the best performance with minimum maintenance of your Wolf Pacer. Corrections of major maintenance problems should be made at the factory or in the field by a qualified, factory-trained maintenance man.



When your Pacer is first put into service, allow the machine to come to room temperature before being put into operation. Before the machine is plugged in, make sure that the motor rotates freely and the knife is properly set, by turning the rotor knob at the rear of the machine (see above). The knife should not strike the table when knob is rotated. **Caution:** The knife is factory sharpened and ready to use on a new

machine. Also check to see if the cross-head slides freely between the guide plates by unscrewing the two thumb screws (see above) on the front of the machine and removing the sharpener and turning the rotor knob. If the crosshead does not slide freely see page 6 for adjustment of the guides. Note: Do not oil graphite cross-head guides. (Heavy duty steel guides require lubrication.)

WARNING

THIS IS A HAZARDOUS TYPE OF MACHINERY AND SHOULD BE USED WITH CARE.

Always disconnect electrical connector before attempting to work on machine. For safety keep the Presserfoot down when not in use and keep Presserfoot as low as possible when cutting. Never place hands between Presserfoot Rod and Knife or in the path of the Sharpener while the machine is running. Never use a knife with a broken or improper guard. For the operator's safety remove all loose fitting jewelry, do not wear loose or baggy fitting clothing and persons with long hair should cover or pull it back. We also recommend the use of steel gloves for additional safety.

THE ELECTRICAL CONNECTOR

The Connector Box on the Pacer is drilled for both single and three phase cord couplings (as shown below). Wolf (as well as many other) plugs will fit by using smaller pins available from the factory. If you install connection block pins, be sure that they are tight, and that the grounding support knob on the cord coupling is used.

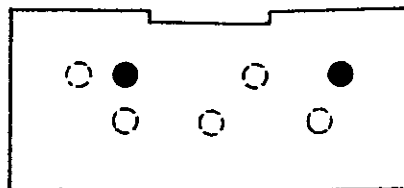
Before placing three phase machines into service be positive that the motor will ro-

tate in the direction indicated by the arrow stamped on the rear head of the motor. To check the direction of rotation make a flash contact with the switch turned on. If the rotation is not in the correct direction, it can be reversed by reversing any two of the circuit lines.

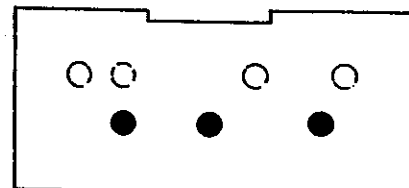
If the motor is allowed to turn in the wrong direction, the crank will unscrew and damage the machine. Single phase motors automatically turn in the proper direction.

Wolf "Pacer" Connection Block Diagram of Post Combinations for various Cord Coupling Plugs.

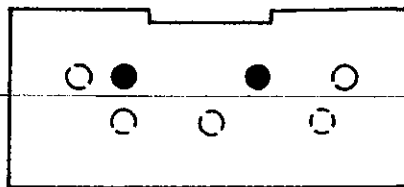
To assure best performance, use only Wolf replacement parts.



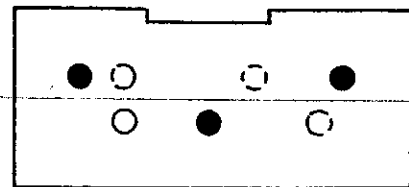
WOLF 1 PHASE



WOLF 3 PHASE



EASTMAN 1 PHASE



EASTMAN 3 PHASE

STRAIGHT KNIFE SPEEDS

	60 CYCLE			50 CYCLE	
	3450 R.P.M.	1725 R.P.M.		2900 R.P.M.	1450 R.P.M.
STROKE	INCHES/MIN.	INCHES/MIN.	STROKE	INCHES/MIN.	INCHES/MIN.
1-1/4"	9,000	4,500	1-1/4"	7,250	3,625
1-3/8"	9,900	4,950	1-3/8"	7,974	3,987
1-1/2"	10,800	5,400	1-1/2"	8,700	4,350
1-3/4"	12,600	6,300	1-3/4"	10,150	5,075

INCHES

203 mm

254 mm

356 mm

MAINTENANCE FOR ALL MODELS

PAGES 4, 5, 6 & 7

INSTALLATION OF KNIFE

Whenever it is necessary to remove the knife from the machine, disconnect the electricity and lay the machine on its side with the name plate up. Insert the knife bolt wrench (#1092000), loosen the knife bolt (see #4 below) and remove the knife

through the bottom of the footplate. It is not necessary to remove the sharpener to remove the knife.

To replace the knife, place selvage over the sharp edge of the knife to protect the hand and force the knife up and back in the knife slot. When the knife is properly seated, tighten the knife bolt. The machine must be in an upright position when the knife bolt is tightened to prevent binding.

Before sharpening; see index "When sharpening a New Knife", for your particular series machine. Read thoroughly and follow instructions carefully.

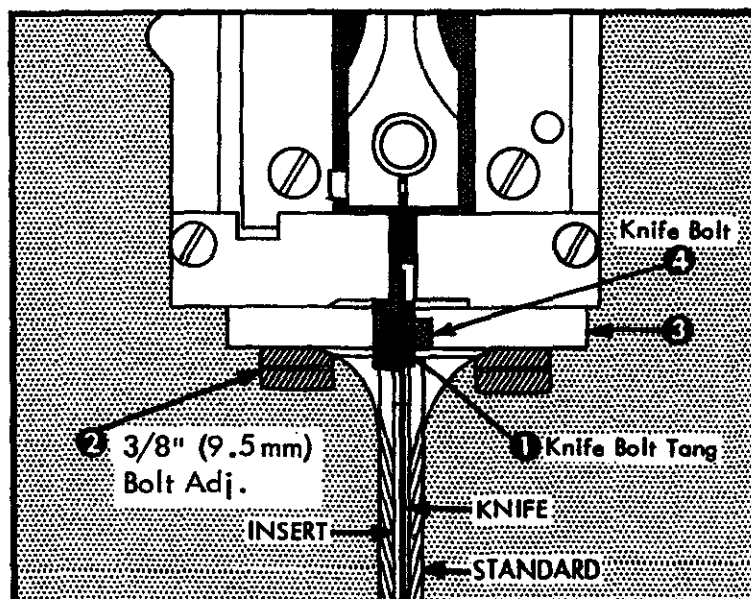
MAINTENANCE OF KNIFE AND STANDARD

Maintenance of knife and Standard, while simple, is important to the proper functioning of the machine. After 40 running hours or as necessary depending on materials cut

or at least weekly, the knife slot in the standard should be cleaned free of lint and dirt. If this is neglected the standard can become packed, which causes heating and binding of the knife. To clean the standard knife slot, remove the knife and clean the slot with the slot cleaner (#2101200). Never operate the machine with worn inserts in the standard. (See Pg. 37 for tools.)

KNIFE AND CROSSHEAD ALIGNMENT

Check alignment between the knife slot, standard and crosshead whenever guides are replaced or adjusted. To do this place a new straight knife in the slot, and slide the knife up over the knife bolt tang (#1 at right) on the crosshead with the knife bolt (#4) removed. The knife should not bind or be set away from the tang. To adjust, if need be, slightly loosen the two 3/8 bolts at the top of the standard (#2) and tap the standard at its top (#3) with a hammer until you get proper alignment. When properly aligned, re-tighten bolts.



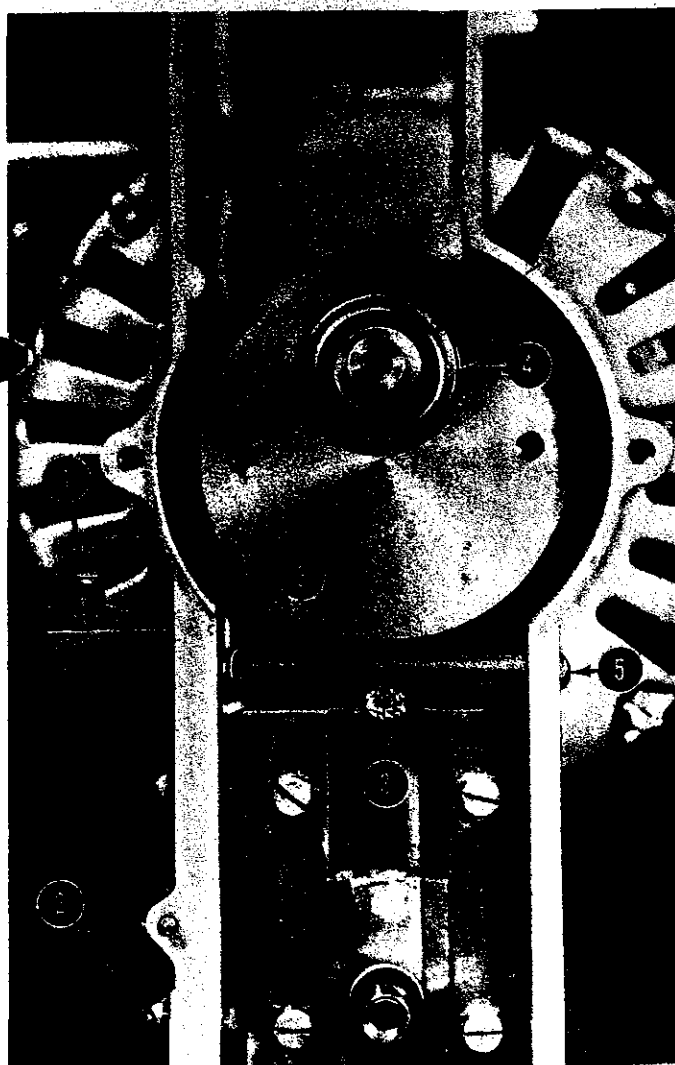
LUBRICATION

Lubrication of the machine is easily accomplished. Every eight hours of operation add three to five drops of a good grade of 30 weight lubricating oil to lubricator (#1 below). Do not over lubricate. NEVER OIL GRAPHITE CROSSHEAD GUIDES. (Heavy duty steel guides require lubrication.) If oil should get on graphite guides, they will become gummy and stall the cutter. Should this happen, clean the guides thoroughly by flushing with Keep-M-Kleen solution. Guides or crosshead do not have to be removed from machine during cleaning. Add oil to crosshead wick after cleaning.

A few drops of oil should be placed on moving parts and gears periodically, or after they have been cleaned in solvent. Excess oil on grinder parts collects emery and will cause faster wear and poor grinding. DO NOT OIL THE ROLLERS IN THE FOOTPLATE.

The center wick (#3 at left) should be soft and come into contact with the crosshead wick, when the crosshead is at the top of the stroke. Replace the wicks if they are worn or broken. To replace wick, remove the retaining screw (#5) while holding the lubricator steady with the hand. The feeder tube may now be pulled out. To take off entire oiler assembly, use an open end wrench to remove the oiler tube nut (#6). This is a right hand thread.

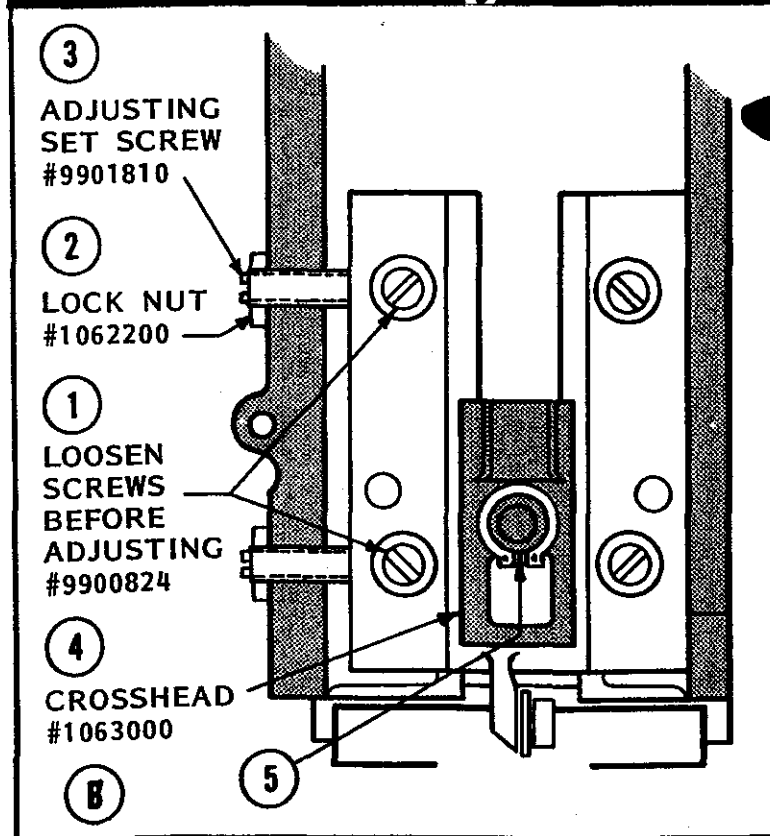
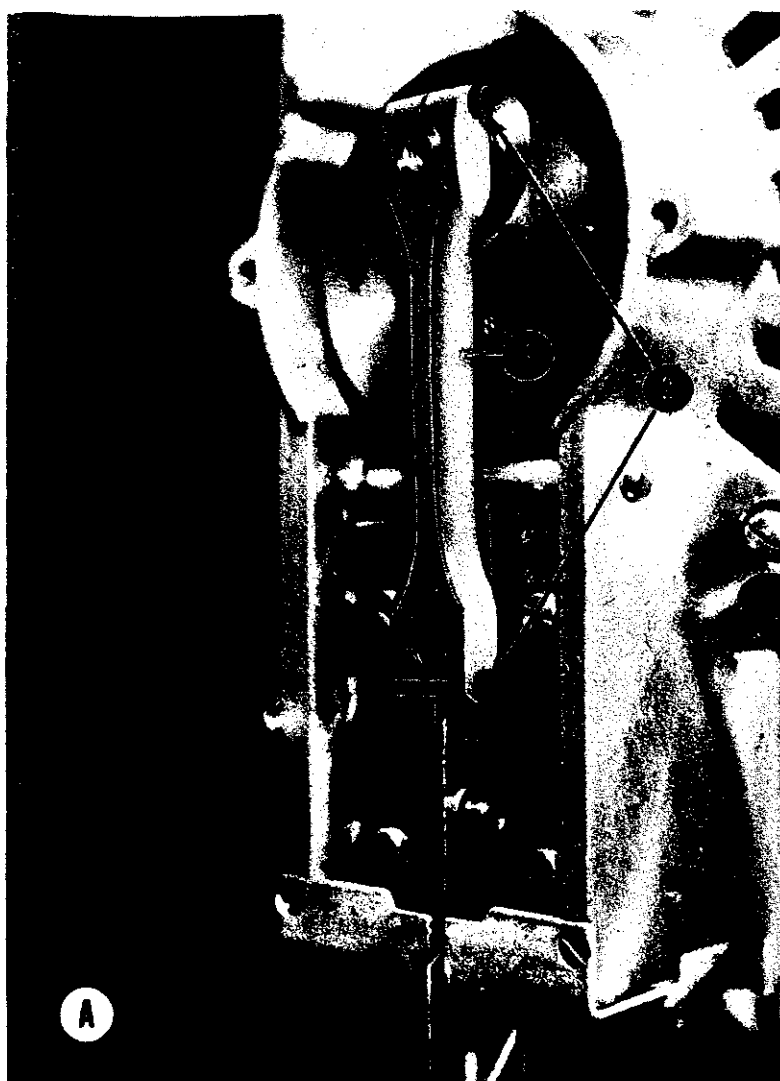
All ball bearings in this machine are sealed, pre-lubricated bearings. If the crank bearing needs to be greased or replaced, remove connecting rod (see page 6, Fig. A) then remove the bearing locknut (#4 at left) with the pin wrench (#1091060). The bearing can now be pulled from the crank with the crank pin puller (not illustrated). Use a good grade of high speed bearing grease available from the factory. Bearings should be replaced only with the bearing knockers sold from Wolf. For accessories, lubricants and tools, see Pg. 37.



ADJUSTMENT OF GUIDES

Guide Plate and Crosshead can be adjusted if they become noisy or freeze. If guides are scored or marred it will be necessary to replace them. To adjust the guides, remove the sharpener housing assembly. Remove the connecting rod (#1 on Fig. A) by loosening the two connecting screws (#2 on Fig. A). Loosen two screws #990824 (#1 on Fig. B) and retighten to a snug fit, to keep the Guide from cocking while adjusting. Loosen locknut #1062200 (#3 on Fig. B) and slowly turn adjusting set screws #9901810 in direction needed for more or less play in Guides. After getting proper fit (the Crosshead (#4 on Fig. B) should be free but with no side play) tighten screws #990824. Tighten locknut #1062200 while holding slotted set screw with screwdriver to keep from turning. Replace the connecting rod, making sure that the rod is tight against the crosshead wear plate (#5 Fig. B) with the wrist pin drawn forward to apply pressure against spring washer located between crosshead and head of wrist pin. When properly positioned, tighten the connecting rod screws (#2 on Fig. A).

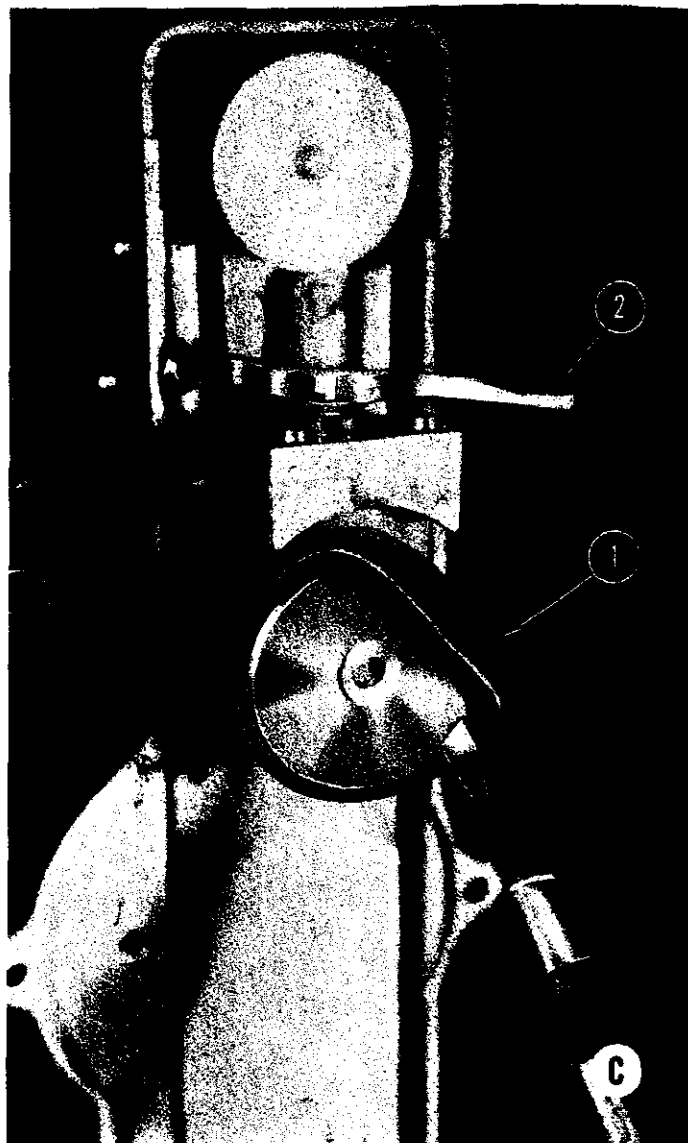
Additional adjusting of guide plate is done while machine is running. Adjust guide forward until machine runs with minimum amount of noise, then back out slightly and lock in place. When new guides are installed this adjustment will have to be made several times until the guides have developed a shiny black glaze on their face. When proper adjustment is made, tighten the locking screws (#1 on Fig. B).



CHANGING THE RUBBER DRIVE

Occasionally the rubber drive (#1 on Fig. C) on the back of the sharpener will need replacing. This is easily accomplished. Remove the worn rubber tire by cutting it with a knife. To replace the rubber drive, engage the starting lever (#2 on Fig. C), place the new tire in the groove and stretch it over the rim with a screw driver.

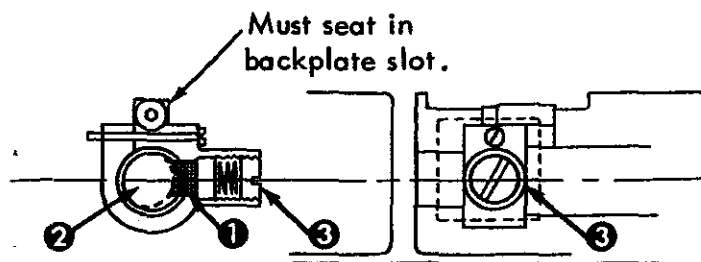
NOTE: On newer models this is one piece. Order Part No. 1217550.



CARE OF ROLLERS & RETAINERS

The Rollers and Retainers on the Footplate should be removed and cleaned regularly. An air hose is ideal for this. All dirt and lint should be removed. Do not oil the rollers.

A clean machine will always function better. It is suggested that lint and dirt should be blown out of the machine regularly with an air hose.



Cover Plate must be removed from opening in side of sharpener housing.

REMOVAL OF THE FOLLOWER

When removing or installing the follower (#1 at left) be sure it is properly seated in the reversing drive shaft (#2). When replacing the follower retaining nut (#3), turn the nut down until it is tight. Sharpener must be in up position in order to get to the follower through the side opening. A tool is available to help remove & replace the follower. If desired order #2107600.

MAINTENANCE STONE SHARPENER SERIES ONLY

PAGES 8, 9, 10 & 11

WHEN SHARPENING A NEW KNIFE

To engage sharpener, press starting lever down as shown in the photo on Pg. 7, #2, Fig. C. When first sharpening a new replacement knife, depress tension button (#3 at right) for two or three strokes of the sharpener and then release the button. Allow the sharpener to make two or three additional strokes without the tension button depressed. The new knife should be ready for cutting. **DEPRESS THE TENSION BUTTON ONLY WHEN SHARPENING A NEW KNIFE.** A burr will result from oversharpening. It is advisable to check new knives for burrs on bottom. Remove burr with hand stone if they exist.



EMERY WHEEL APPLICATIONS

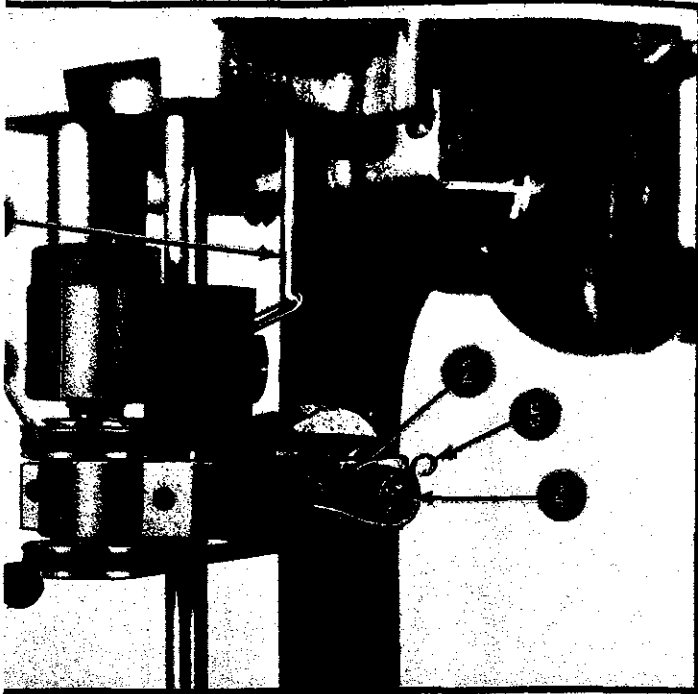
Most goods use two #1280100 - 120 grit emery wheels.

Coarse material such as denim use two #1280000 - 80 grit emery wheels.

For all wave style and notched style blades use two #1280000 - 80 grit emery wheels.

**TO ASSURE BEST PERFORMANCE
USE ONLY WOLF REPLACEMENT PARTS,
KNIVES AND SHARPENING STONES**

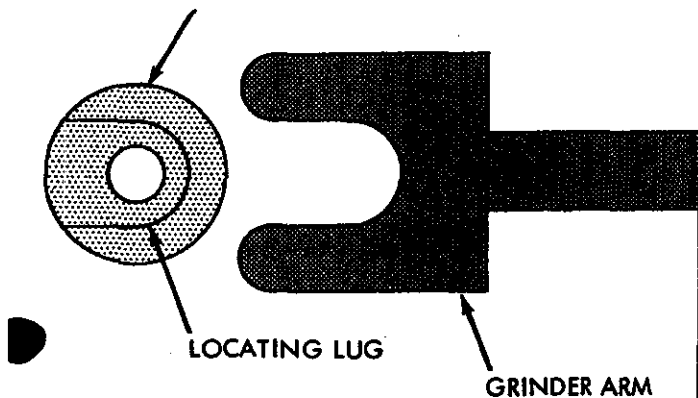
MAINTENANCE STONE SHARPENER CONT'D



TO CLEAN OR CHANGE THE GRINDING WHEELS remove the grinder belt (#3 at left). Turn spring (#5) to release grinding wheel shaft assembly. Remove the grinding wheel and shaft assembly (#4) by sliding it backward out of the support arm (#2). The wheels may now be changed by removing the mounting screw and washer from the inset face of the wheel.

To clean the wheels, use the wire brush supplied with the machine and spray with Wolf's Keep-M-Kleen emery wheel cleaner. Also, use Keep-M-Kleen to remove oil and dirt from the tension rod (#1 at left) and all the grinder head parts. Before wheels and shafts are installed back in the support arms, make sure they turn freely.

QUICK CHANGE BEARINGS



THE QUICK CHANGE BEARINGS must be placed in the grinder wheel support arms with the locating lug out. If it is inserted with the lug in the wrong position, it will cause the grinding wheel to grind the standard instead of the knife. It is best to run the sharpener half way down the knife, and then moving it horizontally back and forth by hand, observe the clearance between the standard and grinding wheels before running the machine.

When replacing the belt, be sure it is properly seated in the pulleys. When a new belt is placed on the machine the balance of the grinders should be checked as described on Page 10.

HOW TO DISASSEMBLE A STONE SHARPENED SERIES MACHINE

To repair or replace parts within the sharpener, remove two thumb screws (#1200700 Pg. 15) and remove front housing assembly.

(Exploded view drawing—see pages 26 & 30.)

1. To remove backplate, remove top belt.
2. Remove 4 backplate screws.
3. Remove 2 screws and cap of front housing.
4. Remove 2 screws and cover plate.
5. Remove tension cap, spring and shoe (Fig. E on Page 10).
6. Remove follower screw, spring and follower. Loosen clamp screw. (See bottom of Page 7.)
7. Remove locknut #9902308, worm wheel gear #1230000 and key #1231000. (See page 26.)
8. By sliding shaft down, the complete reversing drive assembly can then be removed complete with stone sharpening head.

MAINTENANCE STONE SHARPENER CONT'D

PROPER ADJUSTMENTS OF SHARPENER

Proper adjustment and maintenance of sharpener gives longer, better knife service. If the sharpener does not operate properly and tends to grind more on one side of the knife than the other, first check to be sure that the grinding wheels are not dirty or worn. If the parts are dirty, clean them thoroughly. Check the bottom belt (#2 on Pg. 8) for proper tension and wear by comparing it with a new belt.

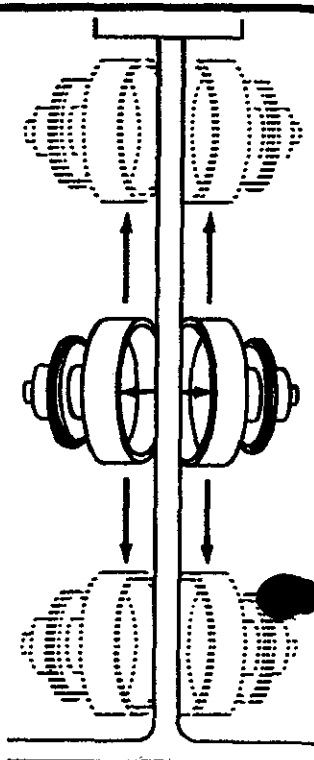
If this does not remedy the situation, it can be corrected by adjusting the emeries. To check the grinder adjustment, remove the cap and spring (#3 on Pg. 8) from the tension assembly. With the machine running, operate the sharpener and observe from the rear of the machine, the position of the grinding wheels relative to the knife or standard.

To adjust the emery wheel balance of the sharpener, first back out the balance screw (#3 on Pg. 1) and, while running sharpener with tension cap removed, observe the location of the emery wheels in relationship to the knife. The gap between the wheel and the knife will be greater on the side of the knife farthest from the adjusting screw. Next, very slowly, 1/8 turn at a time, tighten the balancing screw. The gap on the balance spring side will slowly close. When gap on both sides of knife is same, reassemble the tension cap assembly (Fig. E). Do not tighten balance screw more than required to equalize wheel to knife gap on both sides. The emery wheel balancer can also be adjusted by examining the sharpening of the blade. If the side of the blade farthest from the balance adjusting screw is being ground too much, tighten the screw until an even grind on both sides of the blade is achieved. If the side of the blade closest to the adjusting screw is being ground too much, the bal-

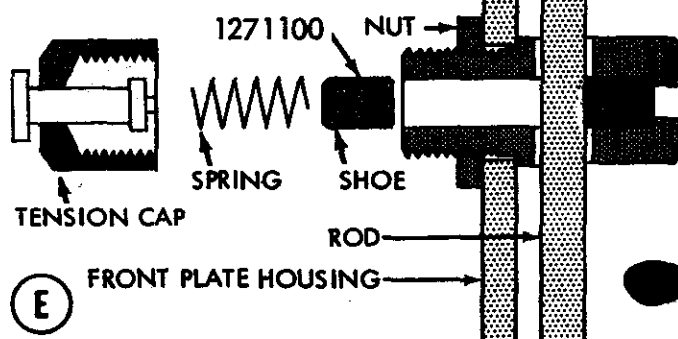
When properly set, the grinding wheels are centered with the same distance between the knife and grinding wheel on each side. If only one wheel is grinding, determine which wheel it is and then stop the machine.

Be sure to remove tension cap before attempting to adjust sharpener.

(D)



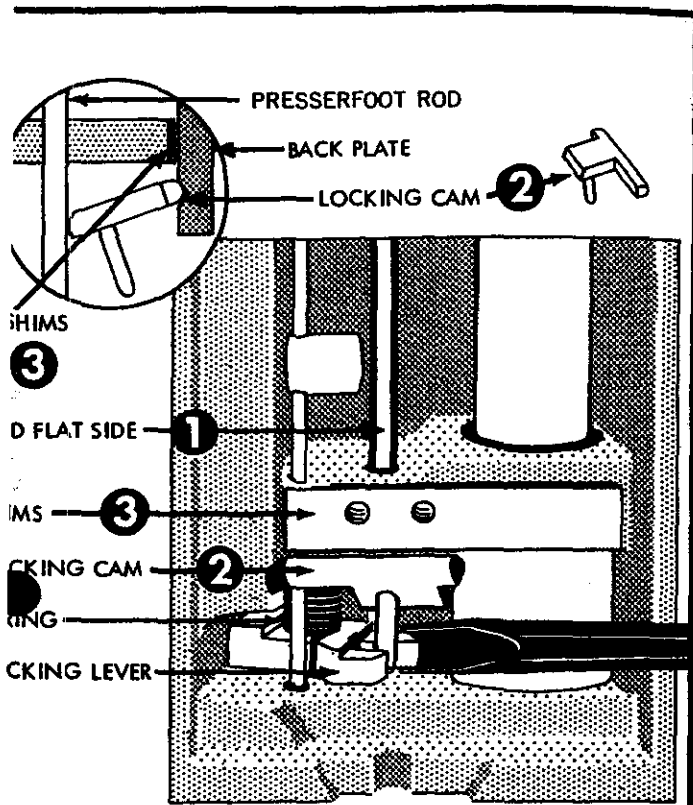
Below shows the proper reassembly of the tension adjustment spring components.



SINCE THE GRINDING WHEELS WILL NOT BE CENTERED WHEN THE MACHINE IS NOT OPERATING, IT MUST BE RUNNING WHEN CHECKING ADJUSTMENT.

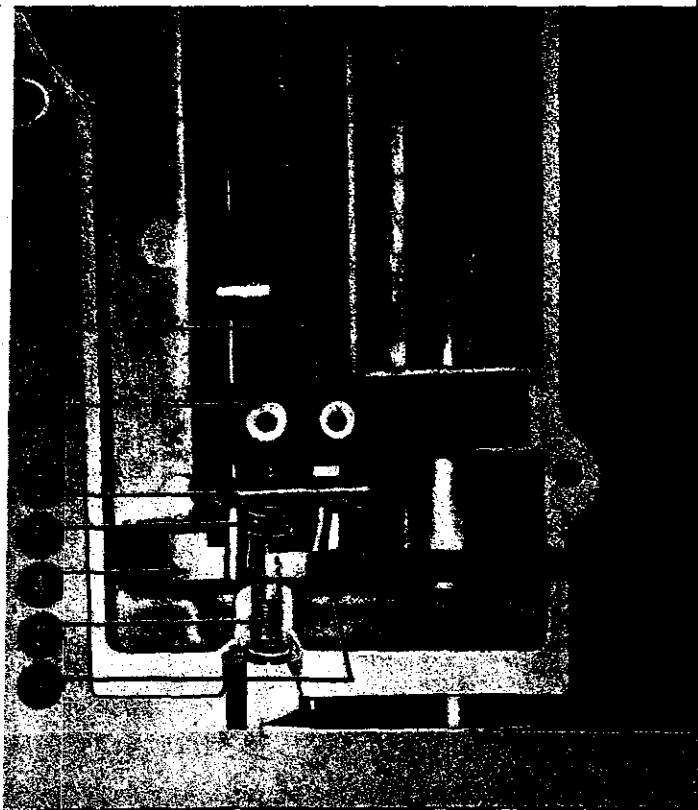
ance adjusting screw should be loosened slightly.

NOTE: If the sharpener does not operate properly after all of the above steps have been taken, it is probable that the 1271100 fibre shoe (shown in Fig. E) has become clogged with oil and is slipping or vibrating against the tension rod unevenly. IT IS NECESSARY TO KEEP THIS SHOE CLEAN ... WHEN IT BECOMES LOADED WITH OIL IT MUST BE REPLACED.



Use screw driver to turn and hold locking lever outward against spring tension. Then slip locking cam in position with pawl inserted in small arms of locking lever.

Keep screw driver in this holding position while putting backplate in position. Then fasten the 4 backplate screws.



MAINTENANCE STONE SHARPENER CONT'D

ADJUSTMENT OF PRESSERFOOT LOCK ASSEMBLY

NOTE:

The Presserfoot Lock Assembly needs to be adjusted **ONLY** if the presserfoot rod is not holding.

The Presserfoot Lock and Backplate Assembly sketch and photograph at left shows the presserfoot lock principle and the proper placement of the locking cam (#2). When the backplate is in place, the locking cam should sit on a slight angle to the presserfoot rod (#1) as shown. Shims are placed between the backplate and housing to adjust for wear (#3). Add or remove shims as needed to get proper angle on locking cam (#2) as illustrated. If rod slips, shims should be removed.

To assemble, first assemble the presserfoot lock release, spring and pin (#4, #5, and #6 in photo). Then insert the presserfoot rod (#1).

Insert a screw driver (#7) over the presserfoot rod (#1) and under the presserfoot lock release (#4) to hold the presserfoot lock in the release position when replacing the backplate. This must be done to prevent damage to the backplate and to properly tighten backplate screws. It will not go together without the lock being released. Be sure that shims (#3) are in place before final reassembly of the backplate. Replace locking cam (#2).

BEFORE REPLACING THE BACKPLATE, be sure the sharpener has been moved down (1/2" - 13mm) to prevent damage to sharpener tripping mechanism.

MAINTENANCE BELT SHARPENED SERIES ONLY

PAGES 12, 13, & 14

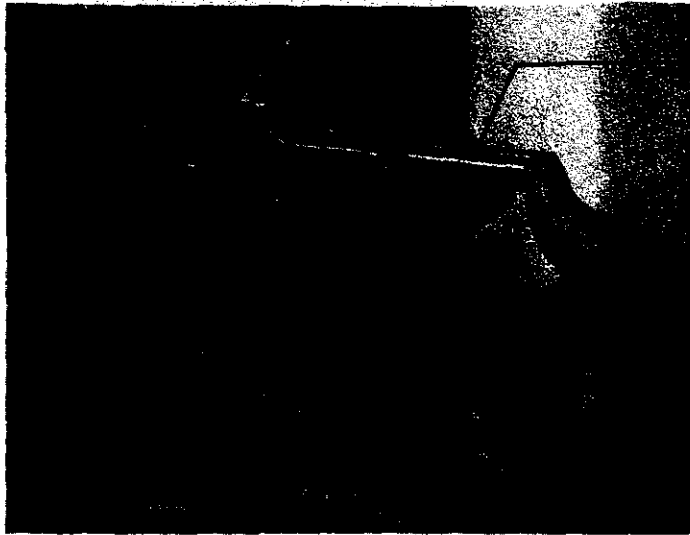
WHEN SHARPENING A NEW KNIFE

To engage Sharpener, press starting lever down as shown in the photo on Page 7 (#2). Allow Sharpener 5 or 6 strokes for the best

edge, and machine is ready for cutting.

Do not over sharpen.

CHANGING THE EMERY BELTS



Oil Belt Pulleys here 1 or 2 drops a week. Do not over-oil.

To replace emery belt, simply push carrier until belt is released. Slip new belt in and release. The spring loaded quick-change mechanism will automatically give the correct tension. Change belts with sharpener in the up position.

EMERY BELT APPLICATIONS

Wolf offers four different grades of emery belts to suit your cutting needs. With the selection from fine to very coarse, you can

sharpen your knives to cut every kind of fabric quickly and cleanly. Below each type of belt and its use is explained.

BELT	WOLF No.	BEST SUITED FOR:
FINE (180 GRIT)	1350000	Synthetics, Knits, Loosely Woven Material
MEDIUM (120 GRIT)	1350100	Cottons, Light Woolens
COARSE (80 GRIT)	1350200	Light Denims, Tightly Woven Materials
Very COARSE (60 GRIT)	1350300	Heavy Denim, Canvas, Leather

PROPER ADJUSTMENT OF SHARPENER

INSTRUCTIONS FOR NEW NON-ADJUSTABLE PRESSURE ARM

PACER XI MODELS HAVE A NEW NON-ADJUSTABLE BELT PRESSURE ARM WHICH ELIMINATES ADJUSTING TENSION OF THE EMERY BELT PRESSURE ARM. IN ADDITION TO REPLACING THE OLD PRESSURE ARM (1323060) THE FOLLOWING PARTS ARE ALSO ELIMINATED:

1331000 - 1331500 - ROD
 1331700 - 1331800 - SILENCER
 1334000 - RELEASE ROD SCREW
 1335000 - SPRING
 9901729 - STOP NUT
 9902003 - ROLL PIN

IT IS IMPORTANT THAT BEVEL ADJUSTING SHOULDER BUSHING (1328100) NOTCH BE TO THE INSIDE - OUTSIDE OR BACK DEPENDING ON BEVEL REQUIRED.

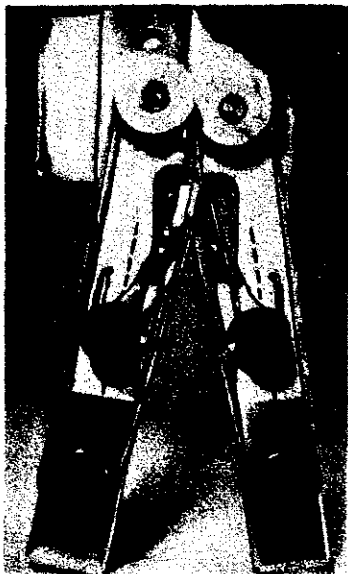
THE SMALL WEDGE SHAPED BLOCK ON THE NON-ADJUSTABLE ARM SHOULD BE CHECKED WHEN IN SHARPENING POSITION (NEAR MIDDLE OF BLADE). IT SHOULD BE .005" (.127 mm) - .010" (.254 mm) FROM BLADE OR ABOUT THE THICKNESS OF A PIECE OF WRITING PAPER.

ADJUSTING BLADE BEVEL

To select a bevel that is best suited to the material to be cut, a general rule is to use the long bevel on medium and hard coarse fabrics and a progressively shorter bevel on finer materials.

TO ADJUST FOLLOW THESE STEPS:

1. Loosen nut #1212200 and loosen shoulder screw (#1 below).
2. Use wrench to select bevel setting of cam and hold in position while tightening screw.
3. Hold screw and tighten nut.



LONG BEVEL

1/16"
1.588mm



MEDIUM BEVEL

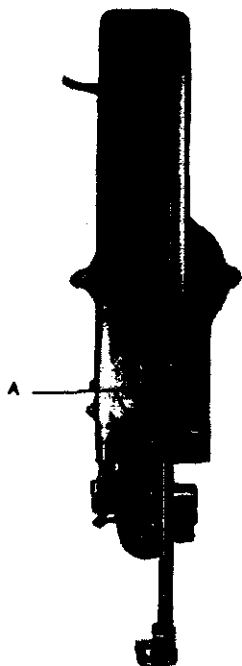
3/64"
1.191mm



SHORT BEVEL

1/32"
.792mm





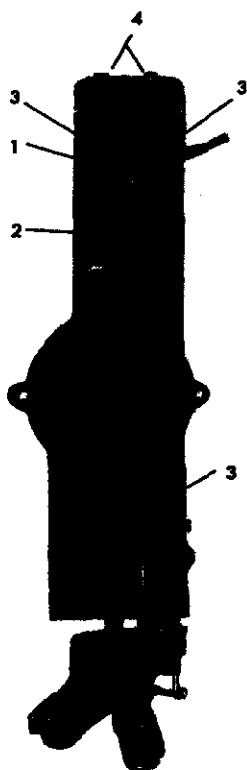
ADJUSTMENT OF PRESSERFOOT LOCK ASSEMBLY

NOTE:

The Presserfoot Lock Assembly needs to be adjusted only if the presserfoot rod is not holding.

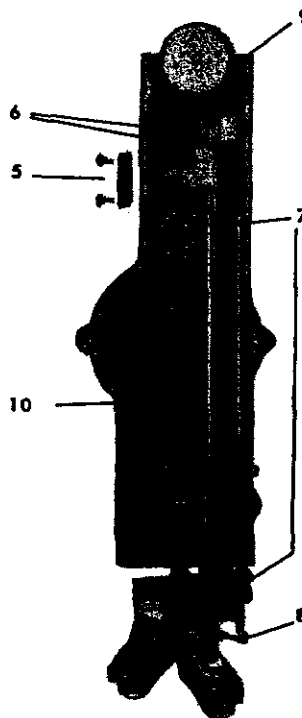
Presserfoot mechanism is positioned on front housing and is disassembled by removing 2 screws (A at left). To reassemble, release the spring tension by depressing the locking lever with a screw driver as shown on Page 11. Follow the instructions from paragraph 3 also on Page 11.

HOW TO DISASSEMBLE SERIES XI SHARPENER



1. Remove top belt.
2. Remove 2 screws from nylon guide.
3. Remove 4 backplate screws.
4. Remove 2 screws and cap of front housing.
5. Remove 2 screws and cover plate.
6. Remove follower screw, spring & follower. Loosen clamp screw. See information on Page 7 at the bottom.
7. Remove the two pins from arm release rod.
8. Remove nut from bottom of release rod. Rod can then be removed.
9. Remove locknut, wormwheel & key at top of sharpener.
10. By sliding shaft down, the complete reversing drive assembly can then be removed complete with sharpening head.

(NOTE: On new models disregard #'s 7 & 8.)



PACER PARTS ILLUSTRATIONS

THIS PARTS MANUAL HAS BEEN DIVIDED INTO THE MAJOR ASSEMBLIES SHOWN BELOW. INDIVIDUAL PARTS AND THEIR NUMBERS TO THESE ASSEMBLIES CAN BE FOUND BY TURNING TO THE PAGES INDICATED BELOW EACH ASSEMBLY.

SERIES VI & VII STONE SHARPENER

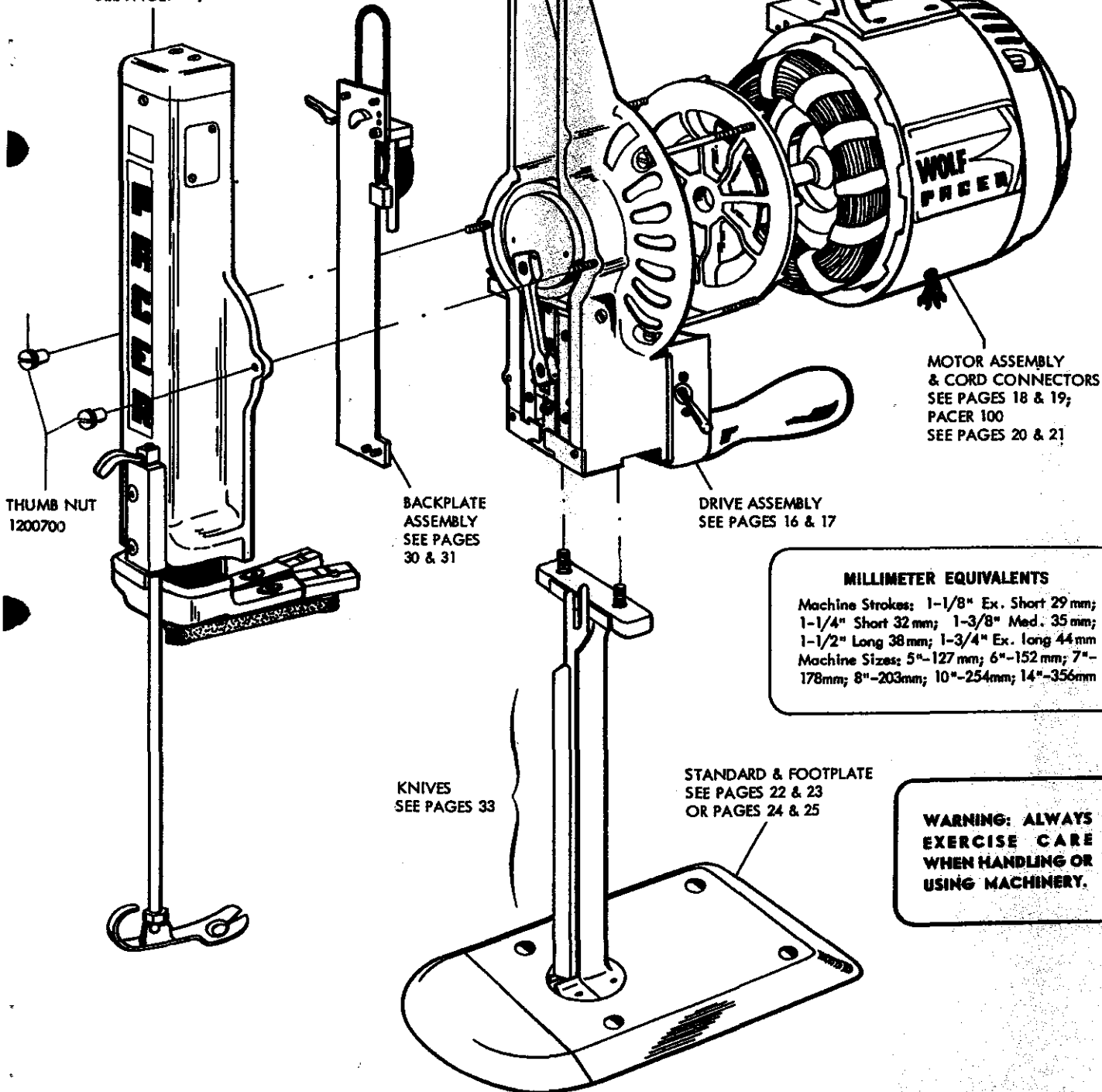
SEE PAGES 26 & 27

SERIES VIII & XI BELT SHARPENER

SEE PAGES 28 & 29

SERIES X STONE SHARPENER

SEE PAGES 26, 27 & 32



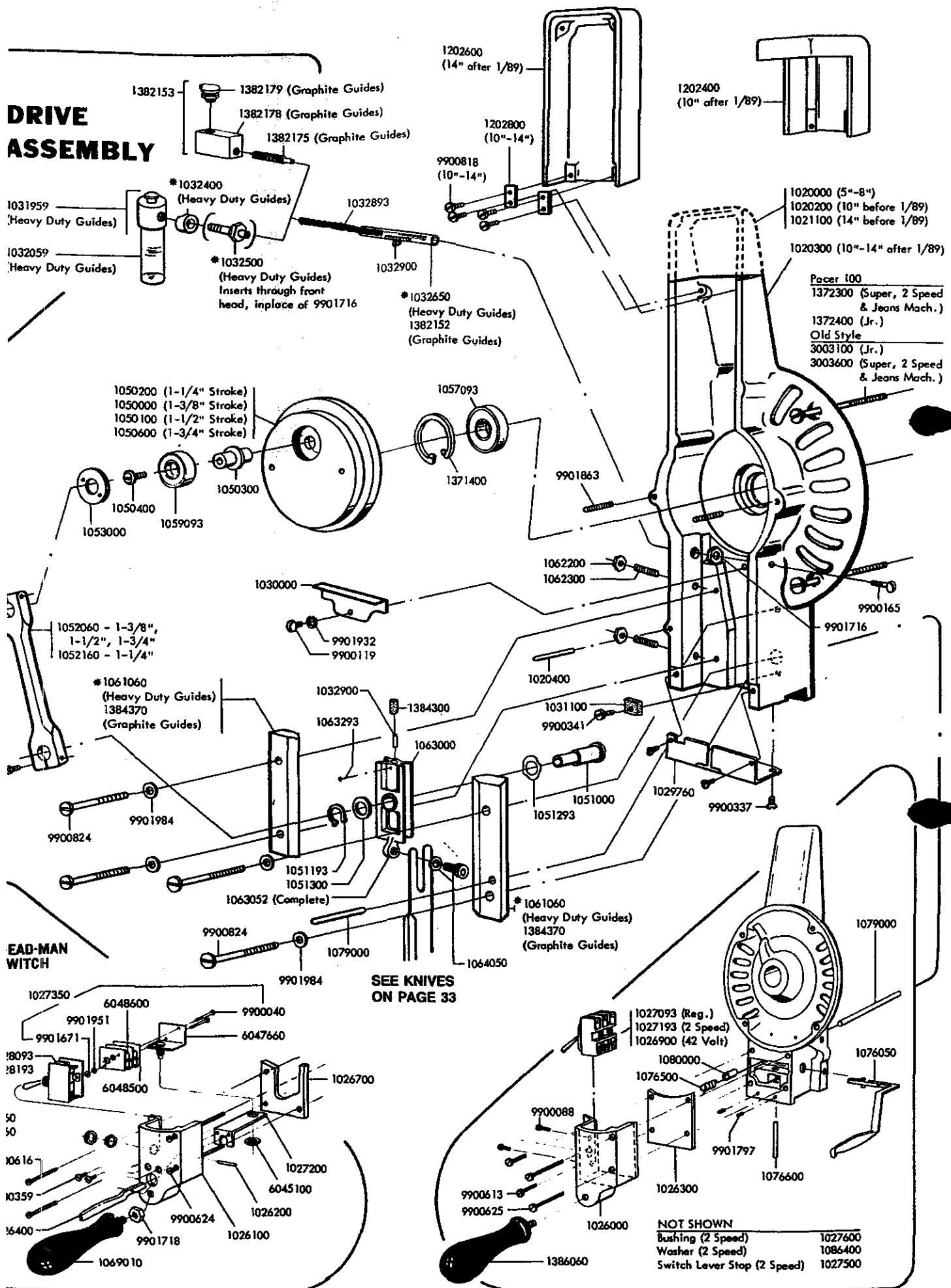
MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. Short 29 mm;
1-1/4" Short 32 mm; 1-3/8" Med. 35 mm;
1-1/2" Long 38 mm; 1-3/4" Ex. long 44 mm
Machine Sizes: 5"-127 mm; 6"-152 mm; 7"-
178 mm; 8"-203 mm; 10"-254 mm; 14"-356 mm

**WARNING: ALWAYS
EXERCISE CARE
WHEN HANDLING OR
USING MACHINERY.**

NOTE: WHEN ORDERING PARTS — SPECIFY PART NUMBER, DESCRIPTION, MACHINE SIZE, MACHINE SERIAL NUMBER AND PARTS MANUAL EDITION.

DRIVE ASSEMBLY



EAD-MAN
WITCH

SEE KNIVES
ON PAGE 33

NUMBERS FOR DRIVE ASSEMBLY

IN NUMERICAL ORDER

Part No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1020000	Front Head 5"-8"		1063052	Crosshead Assy Complete	
1020200	Front Head 10" (Pacers before 1/89)		1063293	Pin	
1020300	Front Head 10"-14" (Pacers after 1/89)		1064050	Knife Bolt & Washer	
1020400	Locating Pin		1069010	Handle - Dead-Man Switch	
1021100	Front Head 14" (Pacers before 1/89)		1076050	Presser Foot Lever	
1026000	Switch Box - Super		1076500	Lever Return Spring	
1026100	Switch Box		1076600	Pivot Pin	
1026200	Pivot Pin		1079000	Footlock Push Rod	
1026300	Heat Shield		1080000	Push Rod Bushing	
1026400	Trigger		1086400	Washer	
1026560	Dead-Man Switch Complete - Reg. & Jr.		1202400	Upper Cover 10" (Pacers after 1/89)	
1026660	Dead-Man Switch Complete - Dual		1202600	Upper Cover 14" (Pacers after 1/89)	
1026700	Adaptor Plate		1202800	Joint Tab 10"-14" (Pacers after 1/89)	2
1026900	Switch - 42 Volt		1371400	Snap Ring	
1027093	Switch - Super		1372300	Motor Bolt (Pacer 100)	
1027193	Switch - 2 Speed			Super, 2 Speed & Jeans Machine	4
1027200	Switch Mounting Bracket		1372400	Motor Bolt (Pacer 100) - Jr	4
1027350	Switch Assy. Complete		1382152	Distributor Tube Assy. for Regular Guides	
1027500	Switch Lever Stop - 2 Speed (not shown)		1382153	Lubricator S.A.	
1027600	Bushing - 2 Speed (not shown)		1382175	Oiler Mounting Tube	
1028093	Override Switch - Reg. & Jr.		1382178	Lubricator Mounting Bracket	
1028193	Override Switch - Dual only		1382179	Oil Hole Cover - Regular Guides	
1029760	Drip Pan		1384300	Oil Pad	
1030000	Oil Shield		1384370	Fixed Guide (Graphite)	
1031100	Drip Pad Felt		1386060	Handle w/Stud	
* 1031959	Oiler Complete (Heavy Duty Guides)		3003100	Motor Bolt (Old Style) - Jr.	4
* 1032059	Oiler Body S.A. (Heavy Duty Guides)		3003600	Motor Bolt (Old Style) -	4
* 1032400	Mounting Collar (Heavy Duty Guides)			Super, 2 Speed & Jeans Machine	
* 1032500	Mounting Tube (Heavy Duty Guides)		6045100	Thin Nut	
* 1032650	Distributor Tube Assy. for Heavy Duty Guides		6047660	Switch Bracket & Spring	
1032893	Pipe Cleaner		6048500	Insulator	2
1032900	Distributor Wick		6048600	Switch	2
1050000	Crank 1-3/8"		9900040	Screw	2
1050100	Crank 1-1/2"		9900088	Switch Screw	2
1050200	Crank 1-1/4"		9900119	Screw for Oil Shield	
1050300	Crank Wrist Pin		9900165	Lubricator Tube Screw	
1050400	Wrist Pin Screw		9900337	Drip Pan Screw	4
1050600	Crank 1-3/4"		9900341	Screw For Drip Pad	
1051000	Crosshead Wrist Pin		9900357	Flat Head Screw for 1056100	3
1051193	Retaining Ring		9900359	Screw for 1027200	2
1051293	Wavy Washer		9900613	Switch Box Screw	2
1051300	Fibre Washer		9900616	Switch Box Screw 7/8" (22.22mm)	2
1052060	Connecting Rod w/screws 1-3/8", 1-1/2" 1-3/4" Strokes		9900624	Switch Box Screw 2-1/2" (63.49mm)	2
1052160	Connecting Rod w/screws 1-1/4" Stroke		9900625	Switch Box Screw	2
1053000	Bearing Locknut		9900818	Pan Head Screw 10"-14" (Pacers after 1/89)	4
1056100	Bearing Retainer - Not Shown		9900824	Screw for Guides	4
1057093	Front Head Bearing		9901671	Nut	2
1059093	Crank Bearing		9901716	Half Nut 1/4"-28	
* 1061060	Heavy Duty Guide S.A.	2	9901718	Half Nut 3/8"-24	
1062200	Locknut	2	9901797	Set Screw	2
1062300	Set Screw	2	9901863	Stud	2
1063000	Crosshead		9901932	Lock Washer	
			9901951	Lock Washer	4
			9901984	Washer	

HEAVY DUTY GUIDE CHANGEOVER KIT

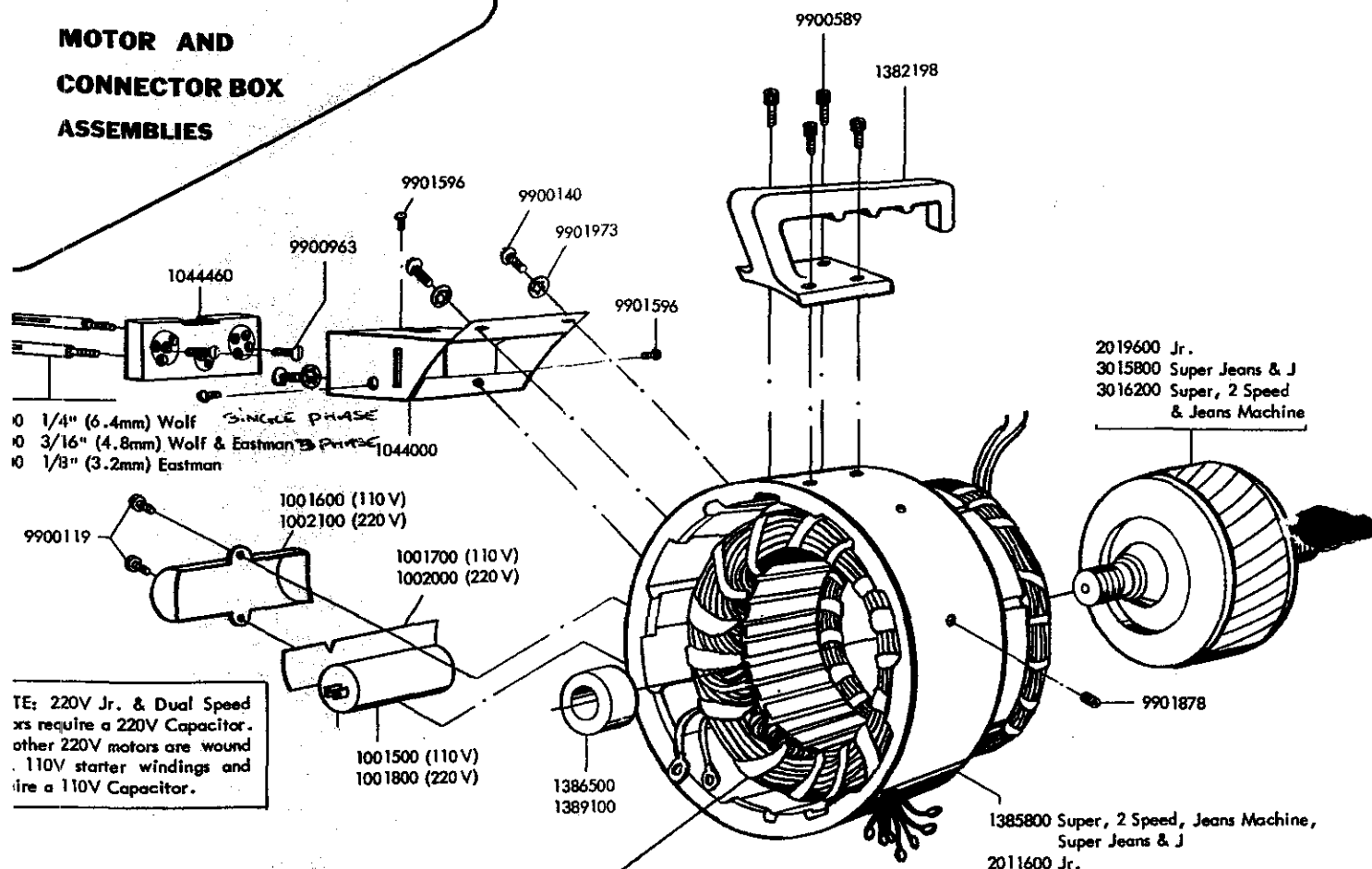
*HEAVY DUTY GUIDES - Wolf is now offering heavy duty guides to those who would like them. These guides, unlike the graphite guides, do require lubrication and consequently a different lubricator and distributor tube are needed. Below are the part numbers for parts necessary for changing to these new heavy duty guides:

#1390150 Heavy Duty Guide Kit Complete

#1031959 Guide Oiler Complete - #1061060 Heavy Duty Guide S.A.
#1032650 Distributor Tube S.A. #1386400 Guide Wick (2 Req'd)

MILLIMETER EQUIVALENTS | Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 35 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 356 mm

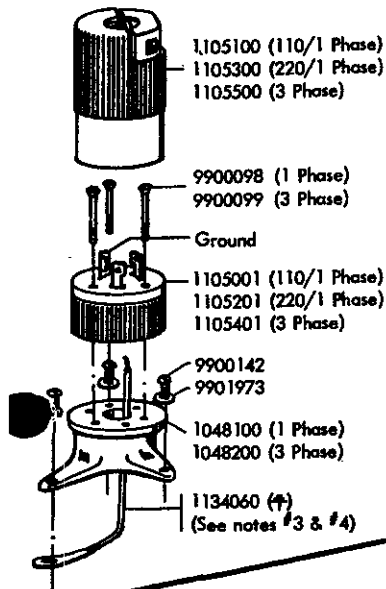
MOTOR AND CONNECTOR BOX ASSEMBLIES



DESCRIPTION	PART NO.	VOLTAGE
<u>SUPER & JEANS MACHINE STATOR</u>	3011001	110/1/60
	3011002	110/1/50
	3011003	100/1/60
	3011004	220/1/50
	3011005	220/1/60
	3011016	220/3/60
	3011017	440/3/60
	3011022	440/3/50
	3011026	380/3/50
	3011035	220/3/50
	3011038	100/1/50
<u>2 SPEED STATOR</u>	1011201	110/1/60
	1011202	110/1/50
	1011203	100/1/60
	1011204	220/1/50
	1011205	220/1/60
	1011216	220/3/60
	1011217	440/3/60
	1011222	440/3/50
	1011226	380/3/50
	1011235	220/3/50
	1011238	100/1/50
<u>JR. STATOR</u>	2011101	110/1/60
	2011102	110/1/50
	2011103	100/1/60
	2011104	220/1/50
	2011105	220/1/50
	2011116	220/3/60
	2011117	440/3/60
	2011122	440/3/50
	2011126	380/3/50
	2011135	220/3/50
	2011138	100/1/50
<u>SUPER SERIES J STATOR</u>	3011111	220-380/3/50-60
FOR ANY OTHER VOLTAGE PLEASE SPECIFY		

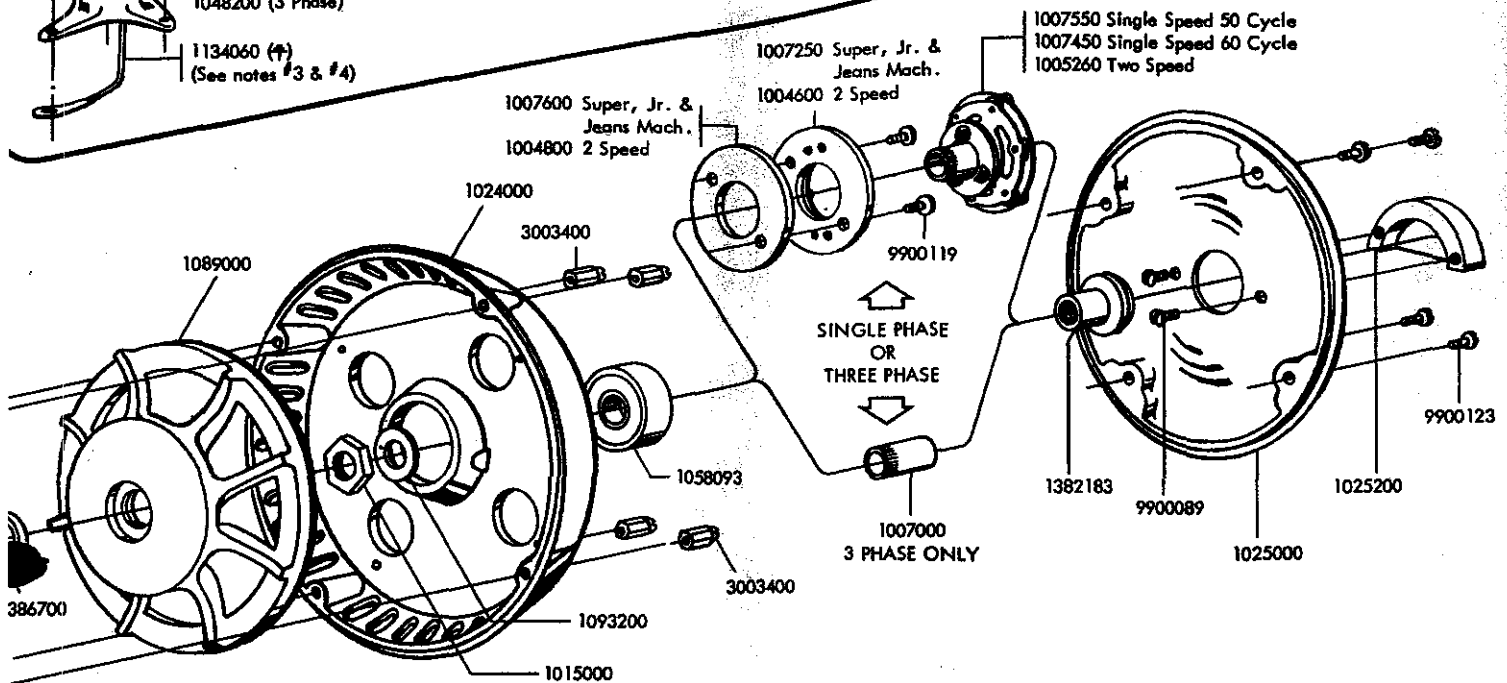
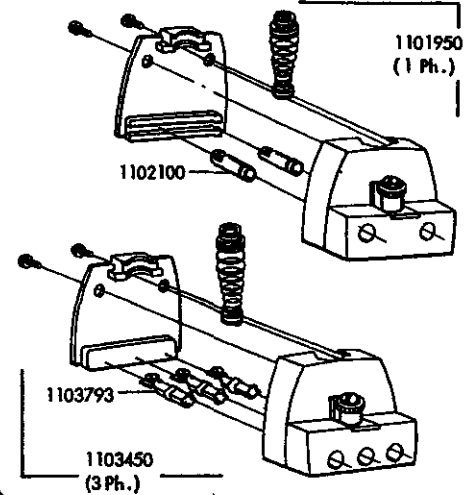
Part No.	Description	Quantity used if more than 1
1001500	110V Capacitor-Super/J Jeans Mach., all voltages- 1 Ph. Jr./Dual, 110V - 1 Ph.	
1001600	110V Capacitor Cover	
1001700	110V Capacitor Insulator	
1001800	220V Capacitor - Jr., Dual 220V only - 1 Ph.	
1002000	220V Capacitor Insulator	
1002100	220V Capacitor Cover	
1043000	3/16" (4.8mm) Connection Post-Wolf 3 Ph. & Eastman	3
1043100	1/8" (3.2mm) Connection Post - Eastman	as required
1043200	1/4" (6.4mm) Connection Post - Wolf 1 Phase	2
1043500	Ground Strap (not shown)	
1043900	Ground Center Post 1/4" Wolf only (not shown)	
1044000	Connection Box	
1044460	Connection Block Assy.	
1382198	Top Handle	
1385800	Motor Case - Super, 2 Speed, Jeans Machine, Super Jeans & J	
1386300	Front Fan (not shown)	
1386500	Front Fan Spacer (not shown)	
1389100	Front Spacer	
2011600	Motor Case Jr.	
2019600	Rotor - Jr.	
3015800	Rotor - Super Jeans, Super Series J	
3016200	Rotor - Super, 2 Speed & Jeans Machine	
9900119	Screw for Cap. Cover	2
9900140	Screw for Conn. Box	3
9900337	Terminal Board Mounting Plate Screw - Jr. (3 Phase only) (not shown)	
9900589	Screw for Top Handle	4
9900963	Conn. Block Screw	2 or 3
9901596	Screw to secure Block	3
9901878	1/4-20 x 1/4 Soc. Hd. Set Scr.	2
9901973	Washer	3

INSTALLATION OF THE TWIST-LOCK TYPE ELECTRICAL CONNECTOR



1. Disconnect electrical connector.
2. Remove old type connection box. Pull out terminal block by removing the 3 screws on outside of connection box. Disconnect wires on the back of the block.
3. If the new male plug is mounted on the Twist-Lock base, remove it. Bring lead wires thru new base being installed. Before base is secured to motor case, the Green Ground wire #1134060 must be properly attached. Note: Place ground between base and motor case, attaching it with any one of the screws, leading the other end up thru base.
4. Connect leads and ground wires to male plug. Make certain ground wire is connected to right angle shaped terminal pin. NOTE: Be sure three phase machines rotate in same direction as arrow stamped on rear motor case. To check, make flash contact with switch turned on. If rotation is incorrect, reverse by changing the lead wires on the male plug. Motor must rotate in proper direction or severe damage will result.

CORD CONNECTORS

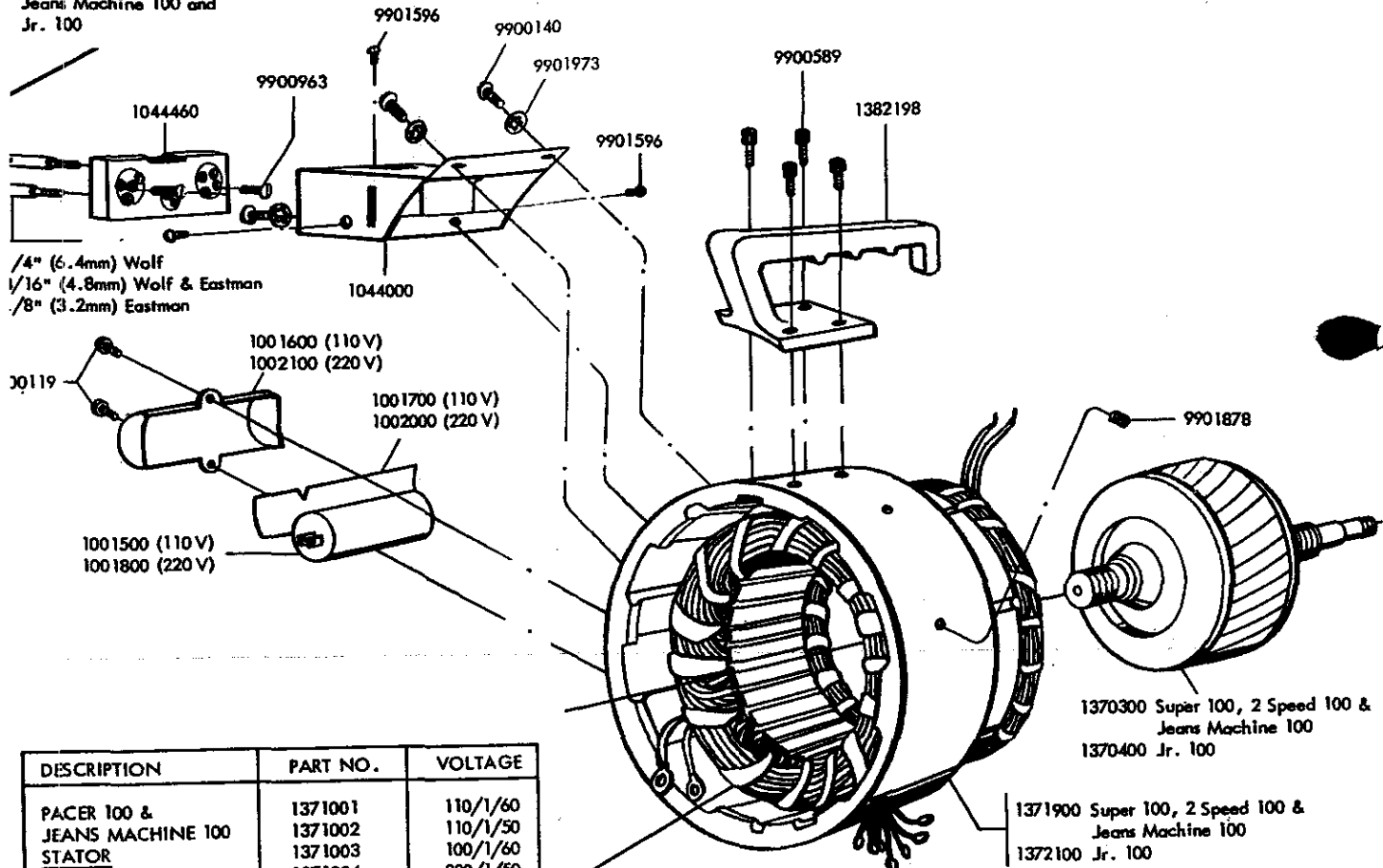


MOTOR AND CORD CONNECTOR NUMBERS - IN NUMERICAL ORDER

Part No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1004600	Inner Breaker - 2 Speed - Single Phase		1103450	3 Phase Connection	
1004800	Insulator - 2 Speed - Single Phase		1103793	3 Phase Brass Insert	3
1005260	Outer Breaker - 2 Speed - Single Phase		1105001	110/1 Phase Twist-Lock Male Plug	
1007000	Three Phase Spacer		1105100	110/1 Phase Twistlock Female Plug	
1007250	Inner Breaker-Super, Jr. & Jeans Mach.-Single Phase		1105201	220/1 Phase Twist-Lock Male Plug	
1007450	Outer Breaker 60 Cy.-Single Speed - Single Phase		1105300	220/1 Phase Twist-Lock Female Plug	
1007550	Outer Breaker 50 Cy.-Single Speed - Single Phase		1105401	3 Phase Hubbell Male Plug	
1007600	Insulator-Super, Jr. & Jeans Mach. - Single Phase		1105500	3 Phase Hubbell Female Plug	
1014000	Fan		1134060	Ground Wire	
1015000	Fan Locknut		1382183	Rotor Knob S. A.	
1024000	Rear Head		1386700	Spacer	
1025000	Rear Cover		3003400	Acorn Nut (8 on Dual & Jeans Mach.)	4
1025200	Knob Cover		9900089	Knob Cover Screw	2
1048100	Twist-Lock Connector Base - 1 Phase		9900098	Screw for 1 Phase Plug	3
1048200	Twist-Lock Connector Base - 3 Phase		9900099	Screw for 3 Phase Plug	2
1058093	Rear Head Bearing		9900119	Screw for Breaker	2
1093200	Bearing Spacer		9900123	Screw for Rear Cover	4
1101950	1 Phase Connection		9900142	Screw for Hubbell Base	3
1102100	1 Phase Brass Insert		9901973	Washer	3

PACER 100 MOTOR AND CONNECTOR BOX ASSEMBLIES

For Super Pacer 100, 2 Speed 100,
Jeans Machine 100 and
Jr. 100

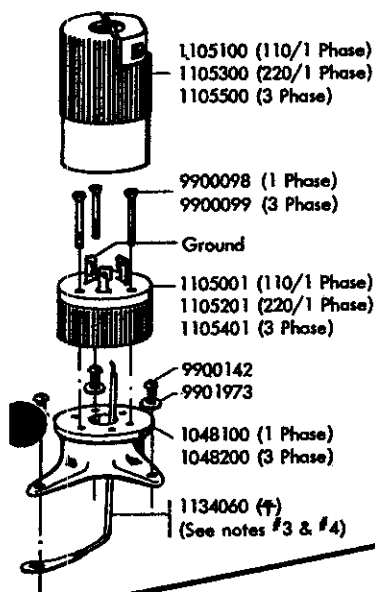


DESCRIPTION	PART NO.	VOLTAGE
PACER 100 & JEANS MACHINE 100 STATOR	1371001	110/1/60
	1371002	110/1/50
	1371003	100/1/60
	1371004	220/1/50
	1371005	220/1/60
	1371016	220/3/60
	1371017	440/3/60
	1371022	440/3/50
	1371026	380/3/50
2 SPEED 100 STATOR	1371201	110/1/60
	1371202	110/1/50
	1371203	100/1/60
	1371204	220/1/50
	1371205	220/1/60
	1371216	220/3/60
JR. 100 STATOR	1371101	110/1/60
	1371102	110/1/50
	1371103	100/1/60
	1371104	220/1/50
	1371105	220/1/60
	1371116	220/3/60
	1371117	440/3/60
	1371122	440/3/50
	1371126	380/3/50
	1371135	220/3/50
FOR ANY OTHER VOLTAGE PLEASE SPECIFY		

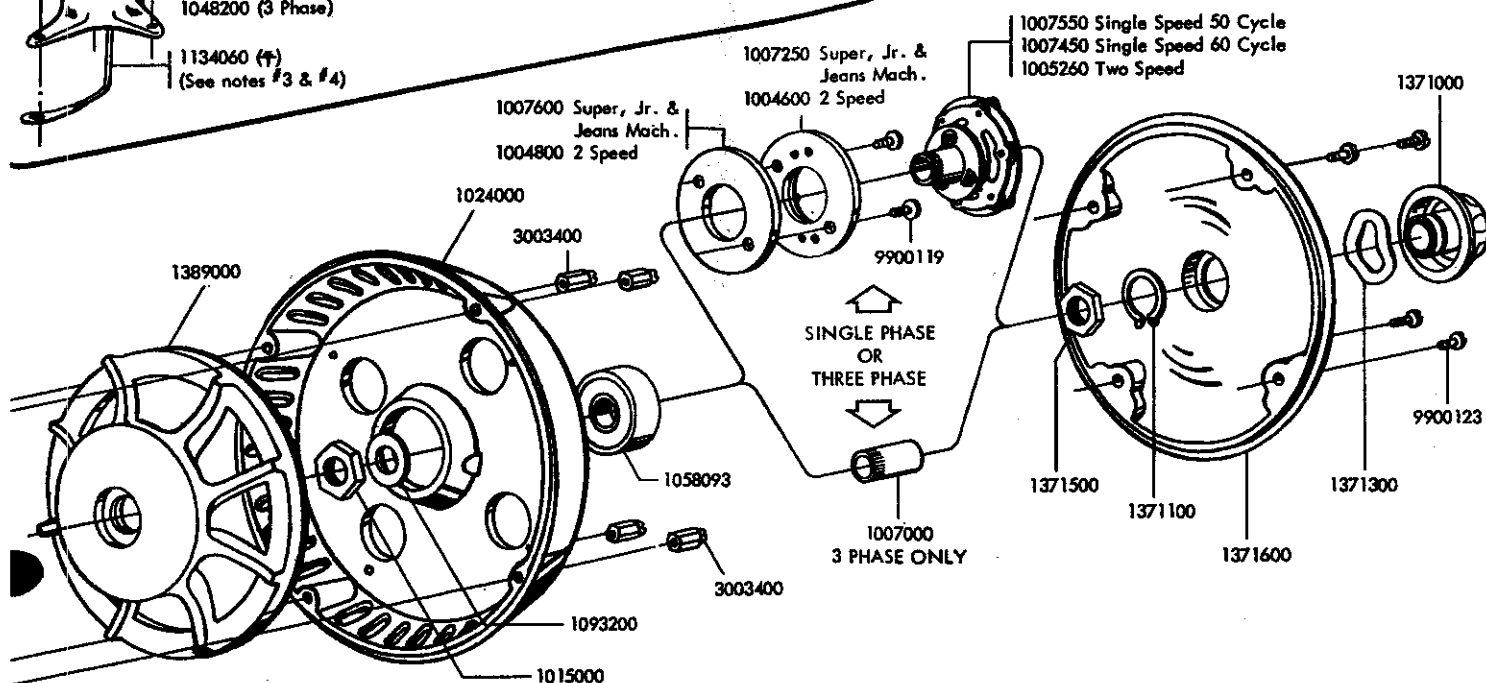
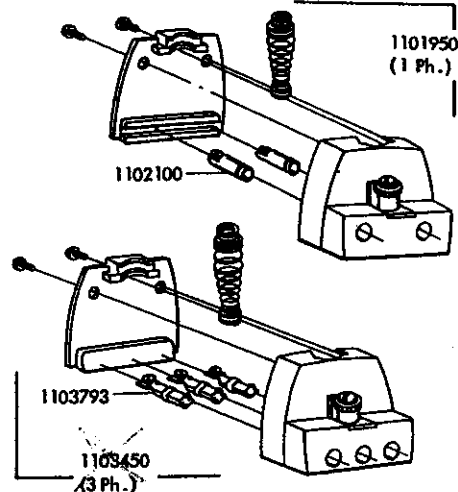
Part No.	Description	Quantity used if more than 1
1001500	110V Capacitor-Super/Jeans Mach., all voltages - 1 Ph. Jr./2 Speed, 110V - 1 Ph.	
1001600	110V Capacitor Cover	
1001700	110V Capacitor Insulator	
1001800	220V Capacitor-Jr., 2 Speed 220V only - 1 Ph.	
1002000	220V Capacitor Insulator	
1002100	220V Capacitor Cover	
1043000	3/16" (4.8mm) Connection Post - Wolf 3 Ph. & Eastman	3
1043100	1/8" (3.2mm) Connection Post - Eastman	as required
1043200	1/4" (6.4mm) Connection Post - Wolf 1 Ph.	2
1043500	Ground Strap (not shown)	
1043900	Ground Center Post 1/4" Wolf only (not shown)	
1044000	Connection Box	
1044460	Connection Block Assy.	
1370300	Rotor - Super, 2 Speed & Jeans Machine	
1370400	Rotor - Jr.	
1371900	Motor Case, Super, 2 Speed & Jeans Machine	
1372100	Motor Case - Jr.	
1382198	Top Handle	
9900119	Screw for Capacitor Cover	2
9900140	Screw for Connection Box	3
9900589	Screw for Top Handle	4
9900963	Connection Block Screw	2 or 3
9901596	Screw to secure Block	3
9901878	1/4-20x1/4" Socket Head Set Screw	2
9901973	Washer	3

INSTALLATION OF THE TWIST-LOCK TYPE ELECTRICAL CONNECTOR

1. Disconnect electrical connector.
2. Remove old type connection box. Pull out terminal block by removing the 3 screws on outside of connection box. Disconnect wires on the back of the block.
3. If the new male plug is mounted on the Twist-Lock base, remove it. Bring lead wires thru new base being installed. Before base is secured to motor case, the Green Ground wire #1134060 must be properly attached. Note: Place ground between base and motor case, attaching it with any one of the screws, leading the other end up thru base.
4. Connect leads and ground wires to male plug. Make certain ground wire is connected to right angle shaped terminal pin. NOTE: Be sure three phase machines rotate in same direction as arrow stamped on rear motor case. To check, make flash contact with switch turned on. If rotation is incorrect, reverse by changing the lead wires on the male plug. Motor must rotate in proper direction or severe damage will result.



CORD CONNECTORS



Part #	Description	Quantity used if more than 1
1004600	Inner Breaker - 2 Speed - 1 Phase	
1004800	Insulator - 2 Speed - 1 Phase	
1005260	Outer Breaker - 2 Speed - 1 Phase	
1007000	3 Phase Spacer	
1007250	Inner Breaker - Super, Jr. & Jeans Machine - 1 Phase	
1007450	Outer Breaker 60 Cycle - Single Speed - 1 Phase	
1007550	Outer Breaker 50 Cycle - Single Speed - 1 Phase	
1007600	Insulator - Super, Jr. & Jeans Machine - 1 Phase	
1015000	Fan Locknut	
1024000	Rear Head	
1048100	Twist-lock Connector Base - 1 Phase	
1048200	Twist-lock Connector Base - 3 Phase	
1058093	Rear Head Bearing	
1093200	Bearing Spacer	
1101950	1 Phase Connection	
1102100	1 Phase Brass Insert	
1103450	3 Phase Connection	
1103793	3 Phase Brass Insert	
1105001	110/1 Phase Twist-lock Male Plug	3

Part #	Description	Quantity used if more than 1
1105100	110/1 Phase Twist-lock Female Plug	
1105201	220/1 Phase Twist-lock Male Plug	
1105300	220/1 Phase Twist-lock Female Plug	
1105401	3 Phase Hubbell Male Plug	
1105500	3 Phase Hubbell Female Plug	
1134060	Ground Wire	
1371000	Knob	
1371100	Clip	
1371300	Spring	
1371500	Nut	
1371600	Rear Cover	
1389000	Fan	
3003400	Acorn Nut (8 on 2 Speed & Jeans Machine)	4
9900098	Screw for 1 Phase Plug	3
9900099	Screw for 3 Phase Plug	2
9900119	Screw for Breaker	2
9900123	Screw for Rear Cover	4
9900142	Screw for Hubbell Base	3
9901973	Washer	3

NEW STYLE STANDARD, FOOTPLATE AND LIFTER ASSEMBLIES

REG. INSERTS

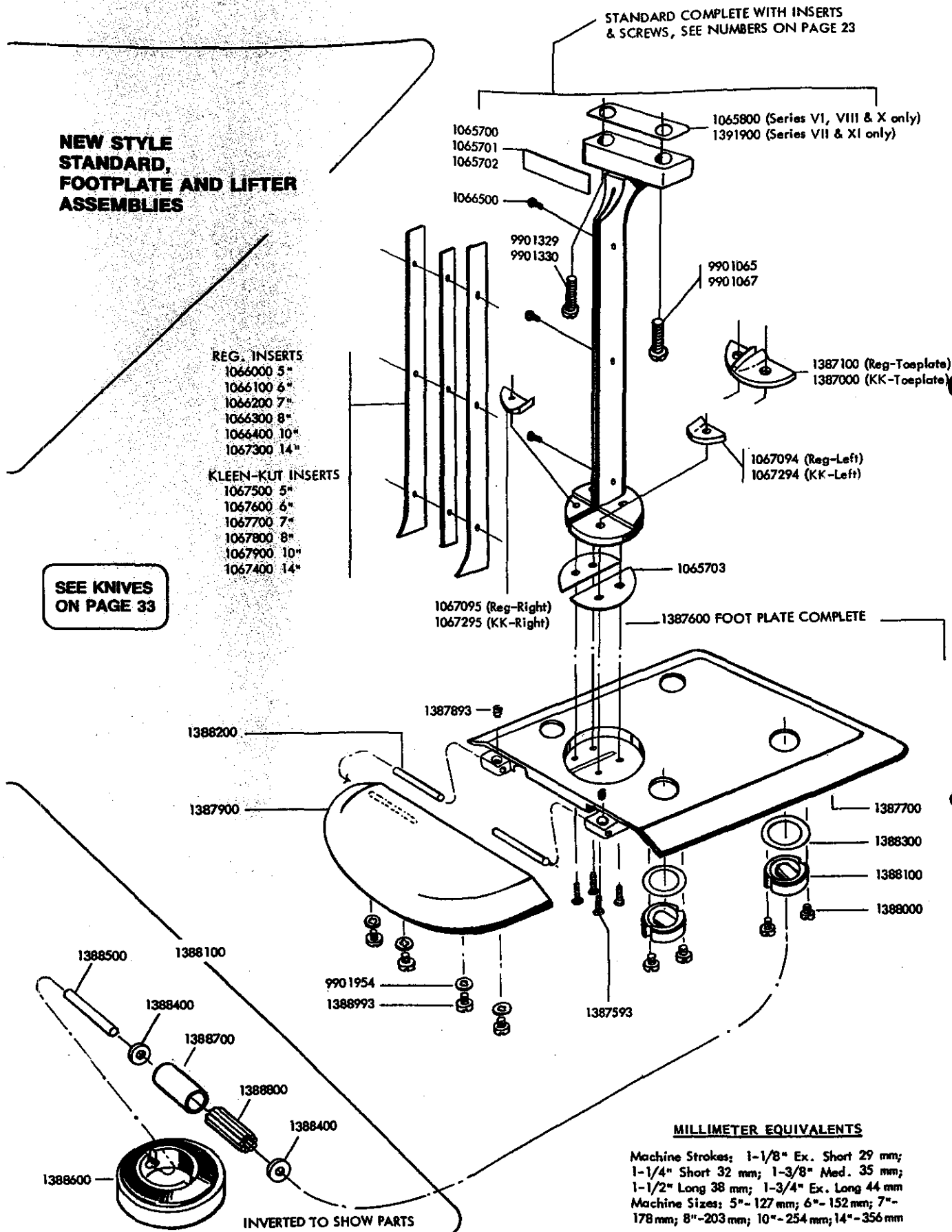
1066000 5"
1066100 6"
1066200 7"
1066300 8"
1066400 10"
1067300 14"

KLEEN-KUT INSERTS

1067500 5"
1067600 6"
1067700 7"
1067800 8"
1067900 10"
1067400 14"

SEE KNIVES
ON PAGE 33

STANDARD COMPLETE WITH INSERTS
& SCREWS, SEE NUMBERS ON PAGE 23



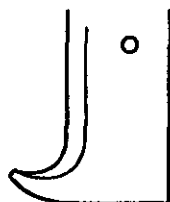
MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. Short 29 mm;
1-1/4" Short 32 mm; 1-3/8" Med. 35 mm;
1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5"- 127 mm; 6"- 152 mm; 7"-
178 mm; 8"-203 mm; 10"- 254 mm; 14"- 356 mm

INVERTED TO SHOW PARTS

NUMBERS FOR FOOTPLATE, LIFTER AND STANDARD ASSEMBLIES IN NUMERICAL ORDER

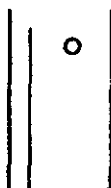
Part No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1-1/4", 1-3/8" & 1-1/2" STROKE STANDARDS:					
1065050	5" W/Kleen-Kut Inserts		1066400	Set of Regular Inserts 10"	
1065051	5" W/Regular Inserts		1066500	Insert Screws	2 or 3
1065150	6" W/Kleen-Kut Inserts		1067050	Set of Regular Toes	
1065151	6" W/Regular Inserts		1067094	Regular Toe Left	
1065250	7" W/Kleen-Kut Inserts		1067095	Regular Toe Right	
1065251	7" W/Regular Inserts		1067150	Set of Kleen-Kut Toes	
1065350	8" W/Kleen-Kut Inserts		1067294	Kleen-Kut Toe Left	
1065351	8" W/Regular Inserts		1067295	Kleen-Kut Toe Right	
1065450	10" W/Kleen-Kut Inserts		1067300	Set of Regular Inserts 14"	
1065451	10" W/Regular Inserts		1067400	Set of Kleen-Kut Inserts 14"	
1065550	14" W/Kleen-Kut Inserts		1067500	Set of Kleen-Kut Inserts 5"	
1065551	14" W/Regular Inserts		1067600	Set of Kleen-Kut Inserts 6"	
			1067700	Set of Kleen-Kut Inserts 7"	
			1067800	Set of Kleen-Kut Inserts 8"	
			1067900	Set of Kleen-Kut Inserts 10"	
1-3/4" STROKE STANDARDS:					
1068550	6" W/Kleen-Kut Inserts		1387000	Kleen-Kut Toeplate	
1068551	6" W/Regular Inserts		1387100	Regular Toeplate	
1068650	7" W/Kleen-Kut Inserts		1387593	Hardened Screw	4
1068651	7" W/Regular Inserts		1387600	Foot Plate Complete	
1068750	8" W/Kleen-Kut Inserts		1387700	Foot Plate	
1068751	8" W/Regular Inserts		1387893	Lifter Spring	2
1068850	10" W/Kleen-Kut Inserts		1387900	Lifter	
1068851	10" W/Regular Inserts		1388000	Screw, Roller Retainer	8
1068950	14" W/Kleen-Kut Inserts		1388100	Roller Assy	4
1068951	14" W/Regular Inserts		1388200	Lifter Pin	2
			1388300	Shim, Roller Assy	As Req'd
			1388400	Roller Washer	8
			1388500	Roller Shaft	4
			1388600	Roller Housing	4
			1388700	Roller Shell	4
			1388800	Roller Pins	40
			1388993	Screw, Retainer Lifter	4
			1391900	Spacer (10" Series VII & XI only)	
1065700	Shim for Front Head/Standard .005" (.127 mm)		9901065	Screw for Standard (1-1/4", 1-3/8", 1-1/2" Stroke)	
1065701	Shim for Front Head/Standard .010" (.254 mm)		9901067	Screw for Standard (1-3/4" Stroke)	
1065702	Shim for Front Head/Standard .020" (.508 mm)		9901329	Screw for Standard (1-1/4", 1-3/8", 1-1/2" Stroke)	
1065703	Shim for Standard/Footplate	2	9901330	Screw for Standard (1-3/4" Stroke)	
1065800	Shim (1-1/2" Stroke) (Series VI, VIII & X only)		9901954	Lock Washer	4
1066000	Set of Regular Inserts 5"				
1066100	Set of Regular Inserts 6"				
1066200	Set of Regular Inserts 7"				
1066300	Set of Regular Inserts 8"				



*NOTE: #1067150 TOES ARE REQUIRED
WITH KLEEN-KUT INSERTS

KLEEN-KUT INSERTS

Wolf pioneered Kleen-Kut inserts improve cutting through pile, knits, and all soft or loosely woven materials. As a result of their clean shear cut, Kleen-Kut inserts help prevent unraveling and eliminate the packing or jamming of threads in the footplate. All new Pacers, except the Jeans Machine_{T.M.}, have Kleen-Kut inserts installed at the factory since they are best for most types of cutting.



*NOTE: #1067050 TOES ARE REQUIRED
WITH REGULAR INSERTS

REGULAR INSERTS

Wolf's regular inserts are best for the cutting of denim and hard materials which do not unravel when cut. Regular inserts are more economical than Kleen-Kut inserts since they are reversible and cost less initially. Regular inserts are not installed on new Pacers, except on the Jeans Machine_{T.M.} from the factory, unless specifically ordered.

MILLIMETER EQUIVALENTS | Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 35 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 356 mm

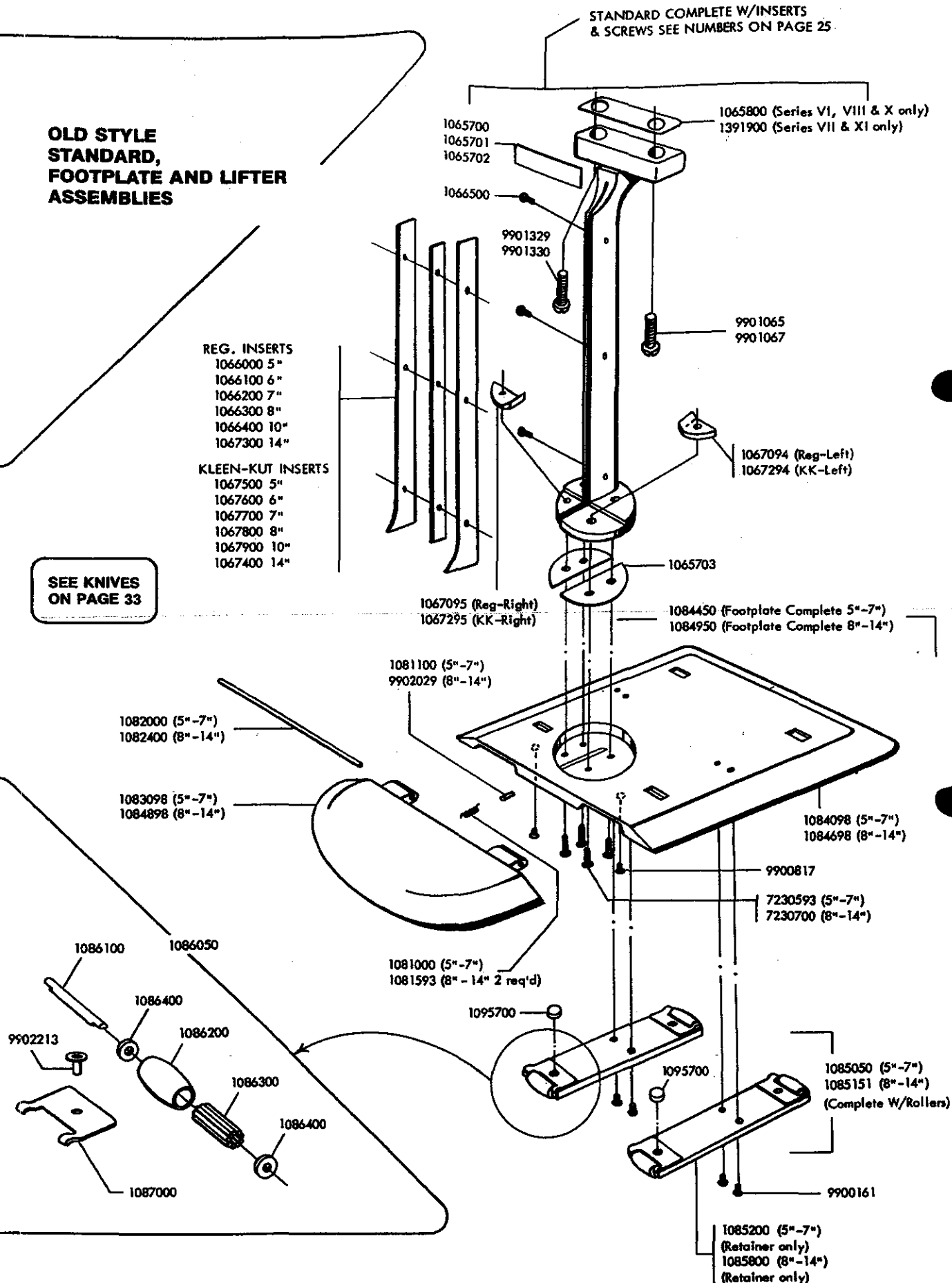
**OLD STYLE
STANDARD,
FOOTPLATE AND LIFTER
ASSEMBLIES**

STANDARD COMPLETE W/INSERTS
& SCREWS SEE NUMBERS ON PAGE 25

REG. INSERTS
1066000 5"
1066100 6"
1066200 7"
1066300 8"
1066400 10"
1067300 14"

KLEEN-KUT INSERTS
1067500 5"
1067600 6"
1067700 7"
1067800 8"
1067900 10"
1067400 14"

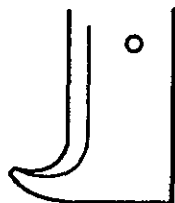
SEE KNIVES
ON PAGE 13



NUMBERS FOR FOOTPLATE, LIFTER AND STANDARD ASSEMBLIES

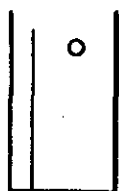
IN NUMERICAL ORDER

Part No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1-3/8" & 1-1/2" STROKE STANDARDS:					
1065050	5" W/Kleen-Kut Inserts		1067294	Kleen-Kut Toe Left	
1065051	5" W/Regular Inserts		1067295	Kleen-Kut Toe Right	
1065150	6" W/Kleen-Kut Inserts		1067300	Set of Regular Inserts 14"	
1065151	6" W/Regular Inserts		1067400	Set of Kleen-Kut Inserts 14"	
1065250	7" W/Kleen-Kut Inserts		1067500	Set of Kleen-Kut Inserts 5"	
1065251	7" W/Regular Inserts		1067600	Set of Kleen-Kut Inserts 6"	
1065350	8" W/Kleen-Kut Inserts		1067700	Set of Kleen-Kut Inserts 7"	
1065351	8" W/Regular Inserts		1067800	Set of Kleen-Kut Inserts 8"	
1065450	10" W/Kleen-Kut Inserts		1067900	Set of Kleen-Kut Inserts 10"	
1065451	10" W/Regular Inserts		1081000	Lifter Spring (5"-7")	
1065550	14" W/Kleen-Kut Inserts		1081100	Lifter Pin (5"-7")	
1065551	14" W/Regular Inserts		1081593	Lifter Spring (8"-14")	2
1-3/4" STROKE STANDARDS:			1082000	Hinge Pin (5"-7")	
1068550	6" W/Kleen-Kut Inserts		1082400	Hinge Pin (8"-14")	
1068551	6" W/Regular Inserts		1083098	Lifter (5"-7")	
1068650	7" W/Kleen-Kut Inserts		1084093	Foot Plate (5"-7")	
1068651	7" W/Regular Inserts		1084450	Foot Plate Complete (5"-7")	
1068750	8" W/Kleen-Kut Inserts		1084698	Foot Plate (8"-14")	
1068751	8" W/Regular Inserts		1084898	Lifter (8"-14")	
1068850	10" W/Kleen-Kut Inserts		1084950	Foot Plate Complete (8"-14")	
1068851	10" W/Regular Inserts		1085050	Rollers & Retainer Assy. (5"-7")	2
1068950	14" W/Kleen-Kut Inserts		1085151	Rollers & Retainer Assy. (8"-14")	2
1068951	14" W/Regular Inserts		1085200	Retainer 5"-7"	
			1085800	Retainer 8"-14"	
1065700	Shim for Front Head/Standard .005"		1086050	Roller Sub-Assy.	4
1065701	Shim for Front Head/Standard .010"		1086100	Roller Shaft	4
1065702	Shim for Front Head/Standard .020"		1086200	Roller Shell	4
1065703	Shim for Standard/Footplate	2	1086300	Roller Pins	44
1065800	Shim (1-1/2" Stroke Only) (Series VI, VIII, X)		1086400	Roller Washer	8
1066000	Set of Regular Inserts 5"		1087000	Clamp	4
1066100	Set of Regular Inserts 6"		1095700	Retainer Cushion (5"-7" 2 req., 8"-14" 4 req.)	
1066200	Set of Regular Inserts 7"		1391900	Spacer (10" Series VII & XI only)	
1066300	Set of Regular Inserts 8"		7230593	Hardened Screw (5"-7")	4
1066400	Set of Regular Inserts 10"		7230700	Hardened Screw (8"-14")	4
1066500	Insert Screws	2 or 3	9900161	Screw for Retainer	4
1067094	Regular Toe Left		9900817	Screw for Lifter	2
1067095	Regular Toe Right		9901065	Screw for Standard (1-3/8", 1-1/2" Stroke)	
			9901067	Screw for Standard (1-3/4" Stroke)	
			9901329	Screw for Standard (1-3/8", 1-1/2" Stroke)	
			9901330	Screw for Standard (1-3/4" Stroke)	
			9902029	Lifter Pin (8"-14")	
			9902213	Rivet	4



KLEEN-KUT INSERTS

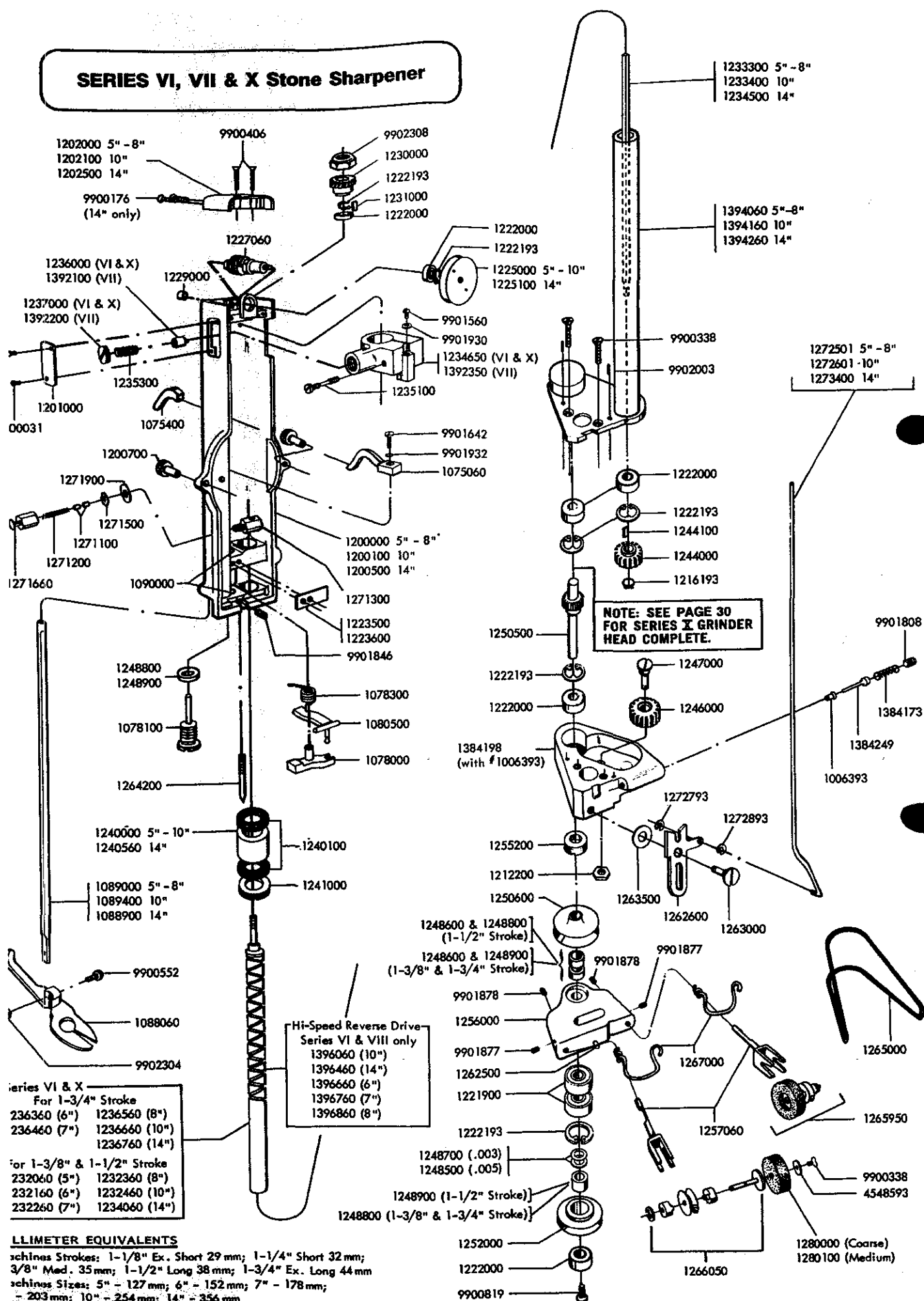
Wolf pioneered Kleen-Kut inserts improve cutting through pile, knits, and all soft or loosely woven materials. As a result of their clean shear cut, Kleen-Kut inserts help prevent unraveling and eliminate the packing or jamming of threads in the footplate. All new Pacers, except the Jeans Machine_{TM}, have Kleen-Kut inserts installed at the factory since they are best for most types of cutting.



REGULAR INSERTS

Wolf's regular Inserts are best for the cutting of denim and hard materials which do not unravel when cut. Regular Inserts are more economical than Kleen-Kut inserts since they are reversible and cost less initially. Regular inserts are not installed on new Pacers, except on the Jeans Machine_{TM} from the factory, unless specifically ordered.

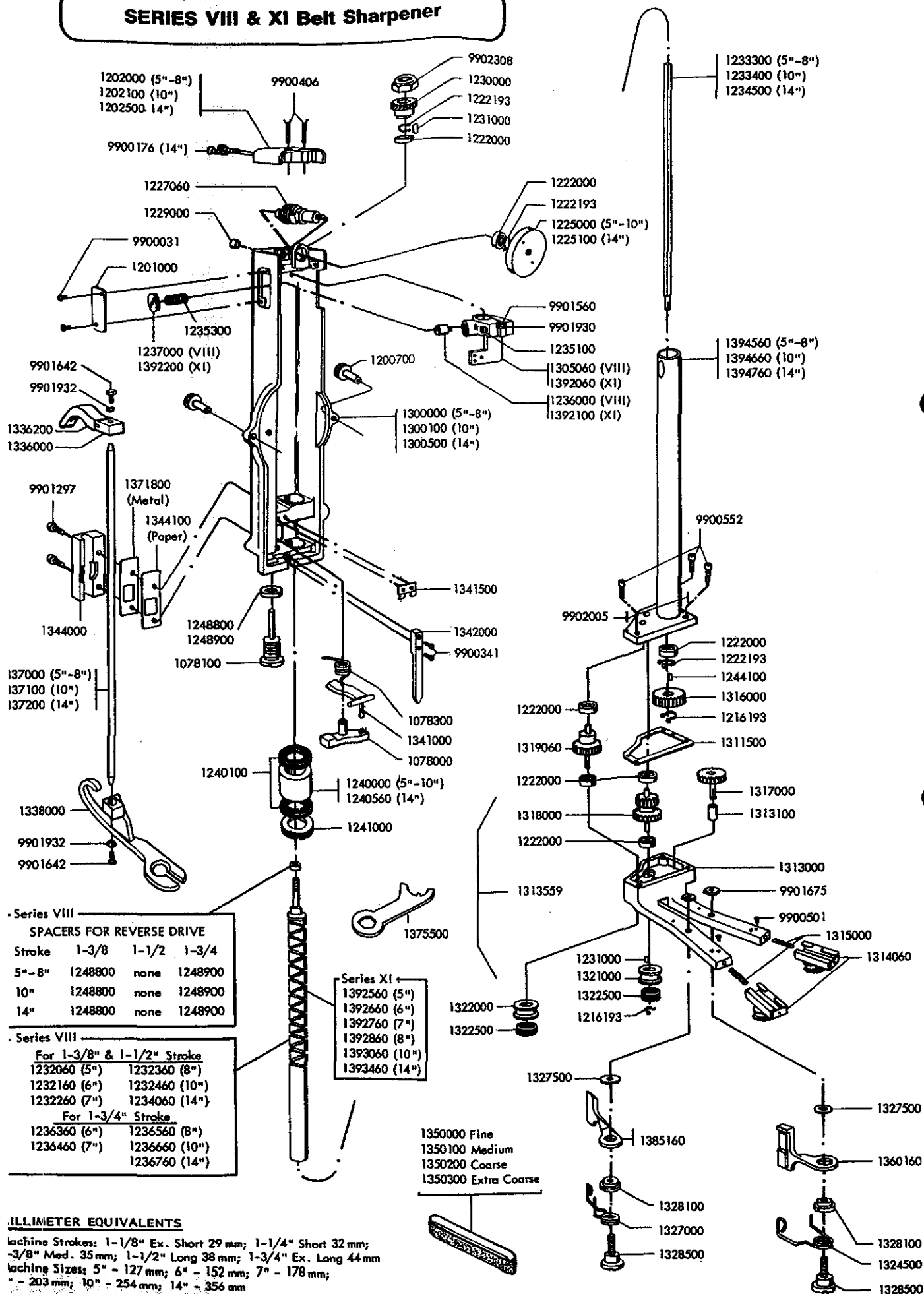
SERIES VI, VII & X Stone Sharpener



IN NUMERICAL ORDER

27

SERIES VIII & XI Belt Sharpener



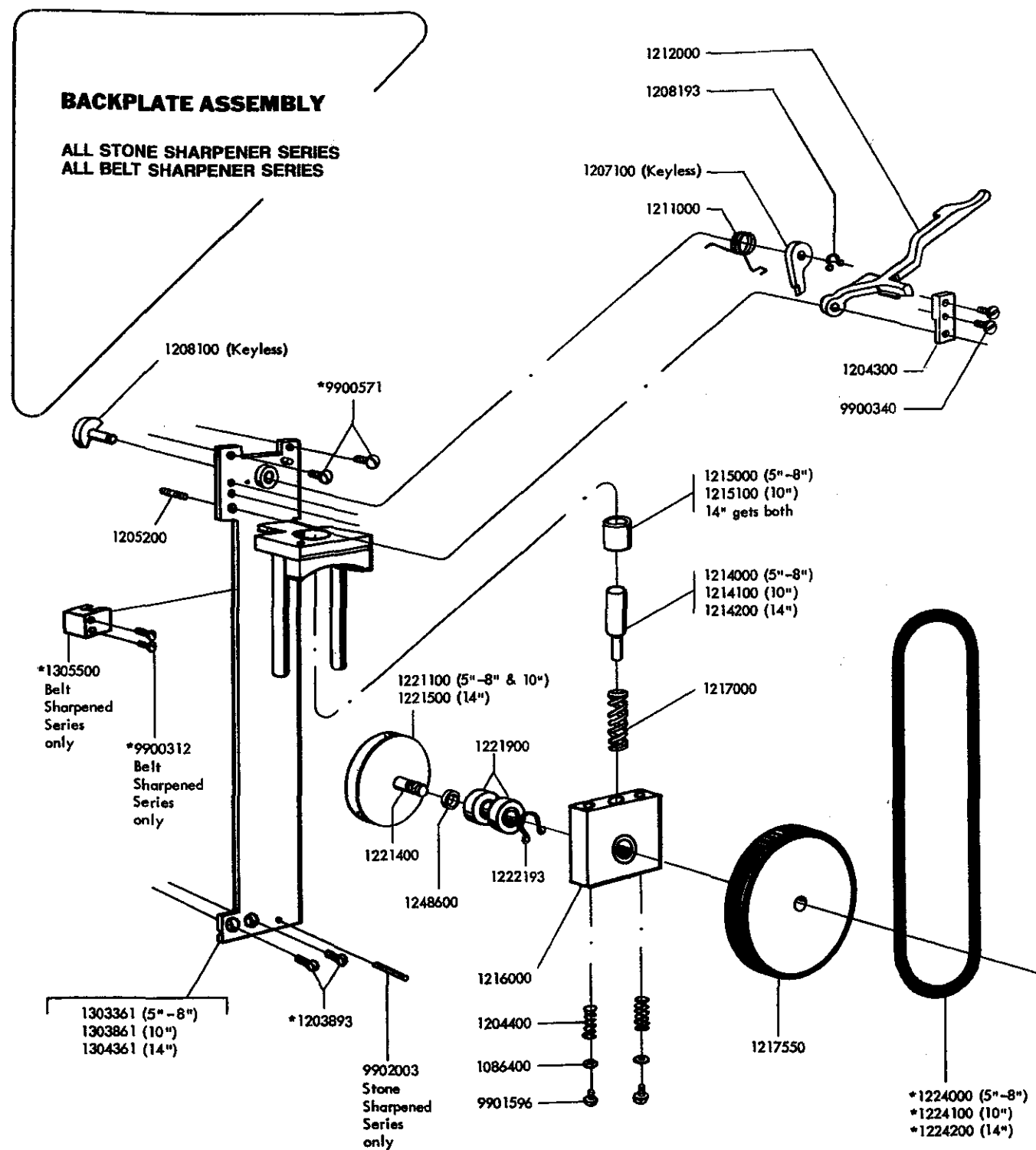
NUMBERS FOR SERIES VIII & XI Belt Sharpener

IN NUMERICAL ORDER

Part No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1078000	Unlocking Finger		1337000	Presser Foot Rod 5"-8"	
1078100	Footlock Pivot Pin		1337100	Presser Foot Rod 10"	
1078300	Footlock Spring		1337200	Presser Foot Rod 14"	
1200700	Thumb Nut	2	1338000	Presser Foot	
1201000	Cover Plate		1341000	Locking Cam	
1202000	Sharpener Housing Cap 5"-8"		1341500	Retaining Clip	
1202100	Sharpener Housing Cap 10" - Pacers before 1/89.		1342000	Spreader Pressure Arm	
1202500	Sharpener Housing Cap 14"		1344000	Rod Journal	
1216193	Retaining Ring	2	1344100	Shim .005" (.127 mm)	
1222000	Bearing	7	1350000	Emery Belt - Fine	
1222193	Retaining Ring	3	1350100	Emery Belt - Medium	
1225000	5"-10" Upper Drive Pulley		1350200	Emery Belt - Coarse	
1225100	14" Upper Drive Pulley		1350300	Emery Belt - Extra Coarse	
1227060	Worm & Shaft Assy		1360160	Belt Pressure Arm - Left	
1229000	Bushing		1371800	Bearing Plate	
1230000	Worm Wheel Gear		1375500	Wrench	
1231000	Woodruff Key	2	1385160	Belt Pressure Arm - Right	
1232060	5" Reverse Drive (1-3/8" & 1-1/2" Stroke)	Series VIII only	1392060	Follower Guide Assy. - Series XI only	
1232160	6" Reverse Drive (1-3/8" & 1-1/2" Stroke)		1392100	Follower - Series XI only	
1232260	7" Reverse Drive (1-3/8" & 1-1/2" Stroke)		1392200	Retaining Nut for Follower - Series XI only	
1232360	8" Reverse Drive (1-3/8" & 1-1/2" Stroke)		1392560	5" Reverse Drive	Series XI*, also these numbers used for discontinued Series VII machine.
1232460	10" Reverse Drive (1-3/8" & 1-1/2" Stroke)		1392660	6" Reverse Drive	
1233300	Drive Shaft 5"-8"		1392760	7" Reverse Drive	
1233400	Drive Shaft 10"		1392860	8" Reverse Drive	
1234060	14" Reverse Drive (1-3/8" & 1-1/2" Stroke)		1393060	10" Reverse Drive	
1234500	Drive Shaft 14"		1393460	14" Reverse Drive	
1235100	Clamping Screw		1394560	Sharpener Tube S.A. 5"-8"	
1235300	Spring		1394660	Sharpener Tube S.A. 10"	
1236000	Follower - Series VIII only		1394760	Sharpener Tube S.A. 14"	
1236360	6" Reverse Drive (1-3/4" Stroke)	Series VIII only	9900031	Cover Plate Screw	2
1236460	7" Reverse Drive (1-3/4" Stroke)		9900176	14" Sharpener Cap Screw	2
1236560	8" Reverse Drive (1-3/4" Stroke)		9900341	Spreader Arm Screw	2
1236660	10" Reverse Drive (1-3/4" Stroke)		9900406	Sharpener Cap Screw	2
1236760	14" Reverse Drive (1-3/4" Stroke)		9900501	Pulley Carrier Screw	2
1237000	Retaining Nut for Follower - Series VIII only		9900552	Grinder Head Mounting Screw	3
1240000	Bushing 5"-10"		9901297	Rod Journal Screw	2
1240100	Wiper	2	9901560	Follower Guide Screw	
1240560	Bushing 14"		9901642	Presser Foot Screw	2
1241000	End Seal Nut		9901675	Nut for Belt Pressure Arm	2
1244100	Key for Driver Gear		9901930	Lockwasher for Follower Guide	
1248800	Spacer .060" (1.52 mm)		9901932	Lockwasher for Presser Foot	2
1248900	Spacer .045" (1.14 mm)		9902005	Roll Pin for Gear Box	2
1300000	Sharpener Housing 5"-8"		9902308	Stop Nut	
1300100	Sharpener Housing 10"		* Hi-Speed Reverse Drive for Series VI & VIII 6", 7" 8", 10" and 14" machines, SEE PAGE 27.		
1300500	Sharpener Housing 14"		SERIES VIII SHARPENER COMPLETE		
1305060	Follower Guide Assy - Series VIII only		5"	1-3/8" & 1-1/2" Stroke	1300958
1311500	Gasket		6"	1-3/8" & 1-1/2" Stroke	1301058
1313000	Sharpener Head		6"	1-3/4" Stroke	1301059
1313100	Bronze Bushing		7"	1-3/8" & 1-1/2" Stroke	1301158
1313559	Grinder Head Complete Assy	2	7"	1-3/4" Stroke	1301159
1314060	Pulley Carrier S.A.	2	8"	1-3/8" & 1-1/2" Stroke	1301258
1315000	Belt Tension Spring	2	8"	1-3/4" Stroke	1301259
1316000	Drive Gear		10"	1-3/8" & 1-1/2" Stroke	1301358
1317000	Keyed Shaft & Gear		10"	1-3/4" Stroke	1301359
1318000	Intermediate Gear		14"	1-3/8" & 1-1/2" Stroke	1301458
1319060	Threaded Shaft & Gear Assy		14"	1-3/4" Stroke	1301459
1321000	Belt Pulley Driver		SERIES XI SHARPENER COMPLETE		
1322000	Threaded Belt Pulley		10"	Series XI Sharpener Complete	1301650
1322500	Drive Pulley Tire	2	14"	Series XI Sharpener Complete	1301654
1324500	Belt Tension Spring - Right		5"	Series XI Sharpener Complete	1301655
1327000	Belt Tension Spring - Left		6"	Series XI Sharpener Complete	1301656
1327500	Tension Arm Washer	2	7"	Series XI Sharpener Complete	1301657
1328100	Eccentric Shoulder Bushing	2	8"	Series XI Sharpener Complete	1301658
1328500	Shoulder Screw				
1336000	Lift Hook				
1336200	Lift Hook Cover				

BACKPLATE ASSEMBLY

ALL STONE SHARPENER SERIES
ALL BELT SHARPENER SERIES



BACKPLATE COMPLETE - All machines

1303059 5" thru 8"
1303559 10"
1304059 14"

* NOT INCLUDED IN COMPLETE BACK PLATE

MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 35 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 356 mm

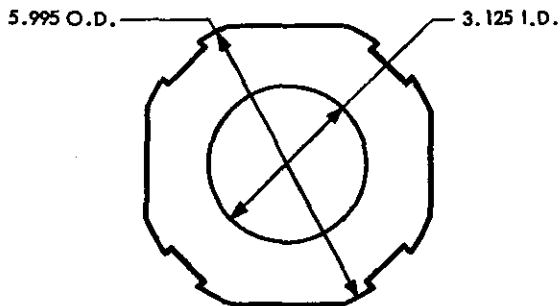
NUMBERS FOR BACKPLATE ASSEMBLY

IN NUMERICAL ORDER

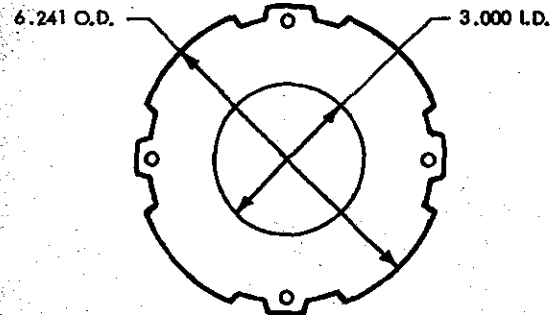
Part #	Description	Quantity used if more than 1	Part #	Description	Quantity used if more than 1
1086400	Washer for 1204400	2	1221100	Drive Pulley - Lower 5"-8" & 10"	
1203893	Back Plate Screw	2	1221400	Pulley Shaft	
1204300	Starting Lever Support		1221500	Drive Pulley - Lower 14"	
1204400	Spring Brake 5" - 10"	2	1221900	Bearing	2
1205200	Lever Pivot Screw		1222193	Retaining Ring	
1207100	Pawl - Keyless	} SOLD ONLY IN SETS	1224000	Upper Belt 5"-8"	
1208100	Shaft - Keyless		1224100	Upper Belt 10"	
1208193	Retaining Ring		1224200	Upper Belt 14"	
1211000	Pawl Spring		1248600	Spacer .120" (3.05 mm)	
1212000	Starting Lever		1303059	Backplate Complete Assy. 5"-8"	
1214000	Actuating Pin 5" - 8"		1303361	Backplate S.A. 5"-8"	
1214100	Actuating Pin 10"		1303559	Backplate Complete Assy. 10"	
1214200	Actuating Pin 14"		1303861	Backplate S.A. 10"	
1215000	Bushing 5" - 8"	} 14" gets one of each	1304059	Backplate Complete Assy. 14"	
1215100	Bushing 10"		1304361	Backplate S.A.	
1216000	Sliding Block		1305500	Nylon Guide - Belt Sharpened Series only	
1217000	Friction Wheel Spring		9900312	Nylon Guide Screw - Belt Sharpened Series only	2
1217550	Friction Wheel & Tire S.A.		9900340	Lever Support Screw	2
1220000	Rubber Tire (Not shown)		9900571	Backplate Mounting Screw	2
			9901596	Sliding Block Screw	2
			9902003	Roll Pin - Stone Sharpened Series only	

MILLIMETER EQUIVALENTS | Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 34 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 356 mm

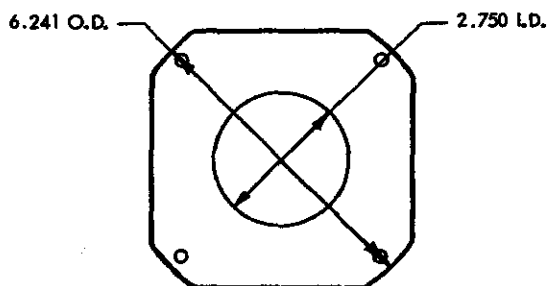
PACER STATOR BLANKS



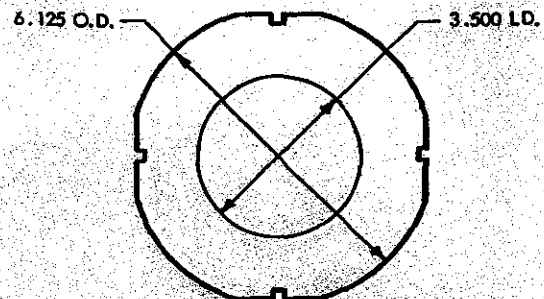
PACER 100
13710XX Super, Jeans Machine
13711XX Jr.
13712XX 2 Speed



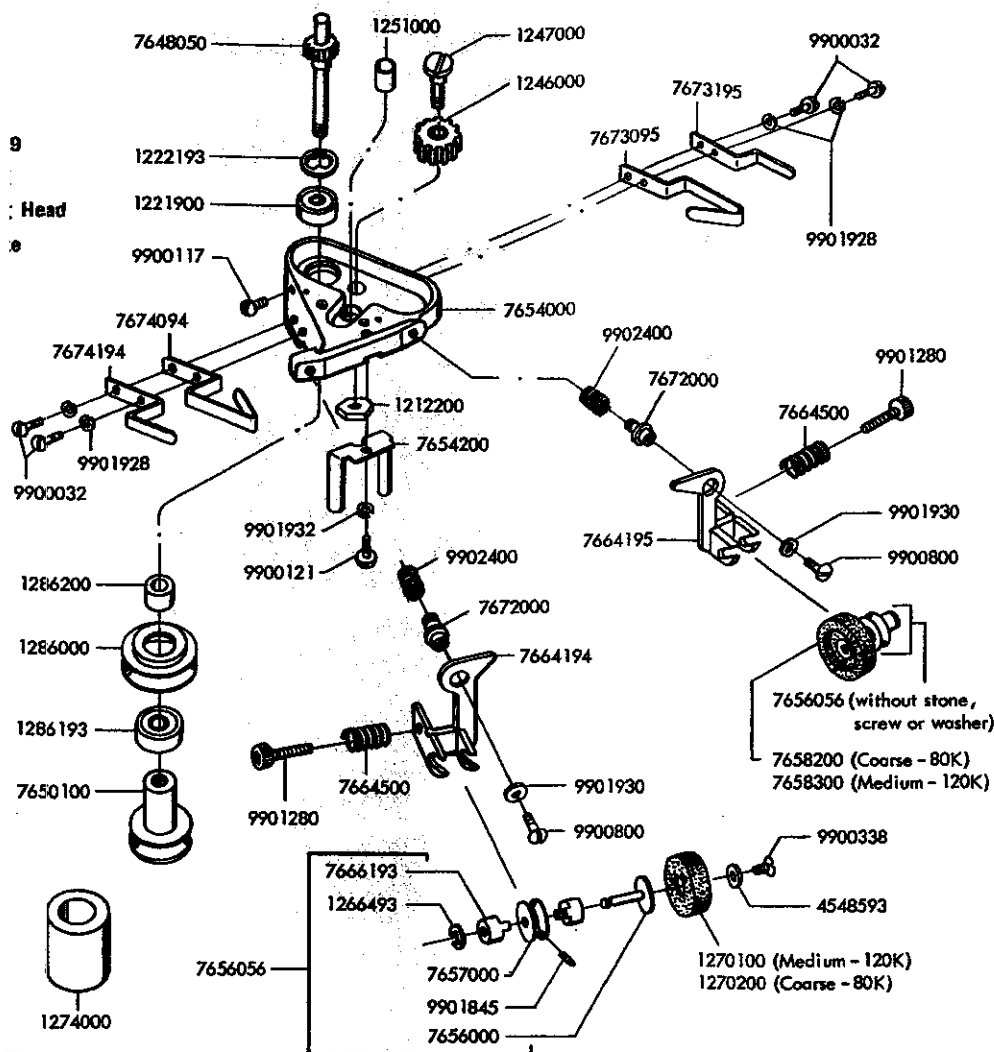
2001100 Jr.
1001200 Super, Jeans Machine, 2 Speed



INTERIM
2031100 Jr.
1001300 Super, Jeans Machine, 2 Speed

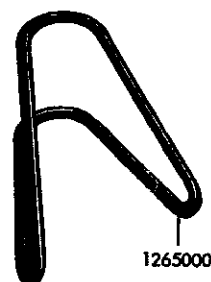
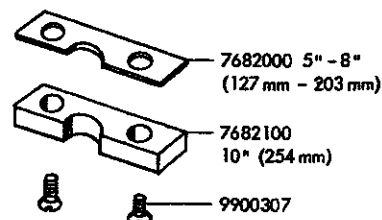


1011200 Super, Jeans Machine, 2 Speed
2011100 Jr.
3011100 Super Jeans, Super Series J



SERIES X SHARPENER

Grinding Head only, See page 26 for Sharpener Housing, Reverse Drive, Sharpener Tube and related parts.



MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 35 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. long 44 mm.
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 365 mm.

SERIES X SHARPENER INSTALLATION INSTRUCTIONS

If your PACER is supplied with the optional SERIES 'X' style grinder head, this page gives you the parts listing for this section.

If you desire to change over a regular WOLF PACER VI or VIII to the PACER SERIES 'X'; in other words use the SERIES 'X' grinder head as opposed to the regular PACER style you must order three (3) parts as follows: 1-7654059-Grinder Head Complete; 1-1274000-Presserfoot

Rod Bushing Complete; 1-10"-7682100 or 8"-7682000 -Wear Plate (specify size).

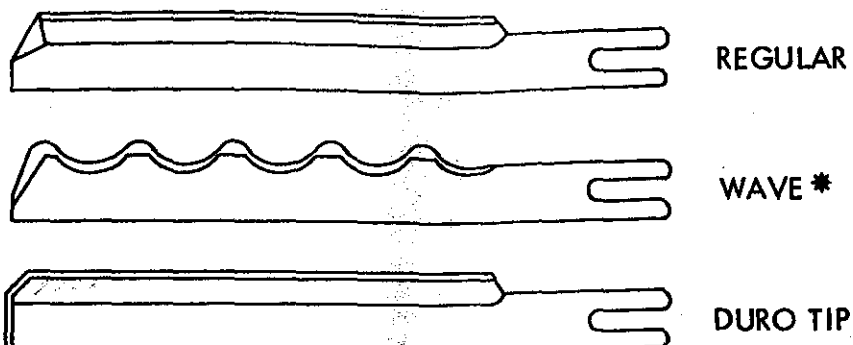
To install the SERIES 'X' grinder head on a PACER it is necessary to drill the bottom of the sharpener housing (1200000) to accommodate the wear plate. It is also necessary to install the new part spacer on to the presserfoot rod just above the presserfoot to prevent the grinding wheels from rubbing on the presserfoot.

Part No.	Description	Quantity used if more than 1
1212200	Hex Nut - Thin	
1221900	Bearing	
1222193	Retaining Ring	
1246000	Idler Gear	
1247000	Idler Gear Shaft	
1251000	Bushing (For Presserfoot Rod)	
1265000	Drive Belt	
1266493	Retaining Ring	
1270100	1" (25.4 mm) Emery Wheel (Medium - 120 K)	
1270200	1" (25.4 mm) Emery Wheel (Coarse - 80 K)	
1274000	Presserfoot Bushing	
1286000	Idler Pulley	
1286193	Bearing	
1286200	Spacer - Idler Pulley	
4548593	Emery Wheel Washer	
7648050	Gear Shaft Assembly	
7650100	Drive Pulley	
7654000	Housing - Grinding Head	
7654200	Stop Bracket	
7656000	Grinding Wheel Shaft	
7656056	Shaft & Pulley S. A.	
7657000	Pulley	2
7658200	1-3/8" (34.9 mm) Emery Wheel (Coarse - 80 K)	
7658300	1-3/8" (34.9 mm) Emery Wheel (Medium - 120 K)	

Part No.	Description	Quantity used if more than 1
7664194	Grinding Wheel Arm - S.A. - L.H.	
7664195	Grinding Wheel Arm - S.A. - R.H.	
7664500	Adjusting Spring	2
7666193	Bronze Bushing	2
7672000	Stud	2
7673095	Support Spring - Inner - R.H.	
7673195	Outer Pressure Spring - R.H.	
7674094	Support Spring - L.H. - Inner	
7674194	Outer Pressure Spring - L.H.	
7682000	Wear Plate 5" - 8" (127 mm - 203 mm)	
7682100	Wear Plate 10" (254 mm)	
7693000	Gasket (Not Shown)	
9900032	Screw	2
9900117	Screw	
9900121	Screw	
9900307	Flt. Hd. Screw	2
9900338	Flt. Hd. Screw	2
9900800	Pan Hd. Screw	2
9901280	Socket Hd. Cap Screw	2
9901845	Socket Hd. Set Screw	
9901928	Lock Washer	4
9901930	Lock Washer	2
9901932	Lock Washer	
9902400	Heli-Coil Insert	2

KNIVES

TYPES & SIZES OF VARIOUS WOLF KNIVES

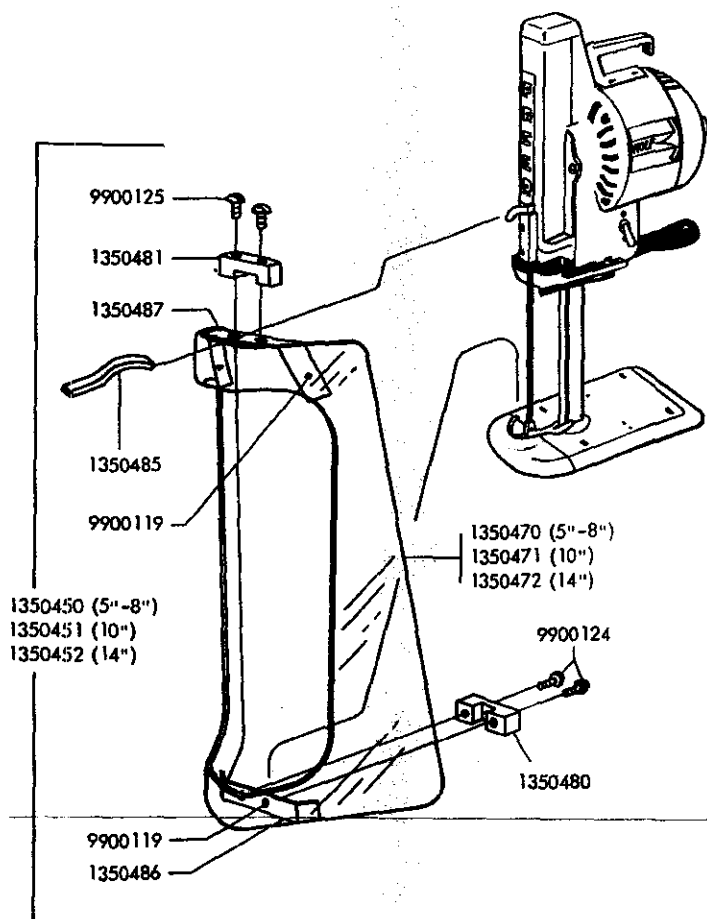


SIZE	LENGTH	MATERIAL	REGULAR	WAVE *	DURO TIP
5" 127 mm	6-15/16" (176.2 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	1400170 1401171 1402172	1405170 1406171 1407172	——— 1421171 ———
6" 152 mm	7-15/16" (201.6 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	1400270 1401271 1402272	1405270 1406271 1407272	——— 1421271 ———
7" 178 mm	8-15/16" (227 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	1400370 1401371 1402372	1405370 1406371 1407372	——— 1421371 ———
8" 203 mm	9-15/16" (252.4 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	1400470 1401471 1402472	1405470 1406471 1407472	——— 1421471 ———
10" 254 mm	11-3/4" (298.4 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	1400570 1401571 1402572	——— 1406571 1407572	——— 1421571 ———
14" 356 mm	14-13/16" (376.2 mm)	CARBON STEEL HIGH SPEED STEEL TEFLON COATED	——— 1401671 1402672	——— 1406671 1407672	——— ——— ———

NOTES:

DURO TIP KNIVES ARE 1/16" (1.59 mm) LONGER THAN OTHERS.
KNIVES NOT STOCKED REQUIRE 10 WEEKS DELIVERY.

ACCESSORIES



PACER GUARD

Part No.	Description	Quantity used if more than 1
1350450	Guard Complete (5"-8")	
1350451	Guard Complete (10")	
1350452	Guard Complete (14")	
1350470	Straight Knife Guard - Pacer (5"-8")	
1350471	Straight Knife Guard - Pacer (10")	
1350472	Straight Knife Guard - Pacer (14")	
1350480	Clamp - Lower	
1350481	Clamp - Upper	
1350485	Lift Hook	
1350486	Lower Support Bracket	
1350487	Upper Support Bracket	
9900119	Screw #8-32 x 1/4 RHMS	4
9900124	Screw #8-32 x 5/8 RHMS	2
9900125	Screw #8-32 x 3/4 RHMS	2

INSTALLATION OF THE PACER GUARD

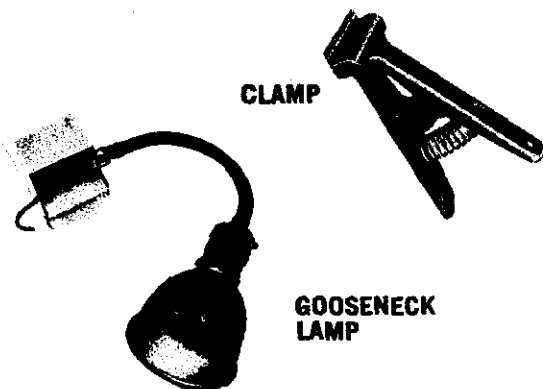
1. Remove upper and lower clamps from cross supports if assembled.
2. Place guard underneath the presserfoot red lift hook and on the top put on upper clamp and screws.
3. Guard handle slides between clamp and the lift hook.
4. Install lower clamp on the back of the presserfoot and tighten all screws.

WOLF PACER SPARE PARTS KITS

Recommended spare parts for one Pacer, for one year.
Kits include: medium stones or belts, Kleen Kut in-

serts, high speed steel knives, regular switch, upper belts, rubber tire, and circuit breakers.

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2450001	5 IN. PACER VII 1/50	2450013	7 IN. PACER VII 1/50	2450025	10 IN. PACER VII 1/50
2450002	5 IN. PACER VII 1/60	2450014	7 IN. PACER VII 1/60	2450026	10 IN. PACER VII 1/60
2450003	5 IN. PACER VII 3 PH	2450015	7 IN. PACER VII 3 PH	2450027	10 IN. PACER VII 3 PH
2450004	5 IN. PACER XI 1/50	2450016	7 IN. PACER XI 1/50	2450028	10 IN. PACER XI 1/50
2450005	5 IN. PACER XI 1/60	2450017	7 IN. PACER XI 1/60	2450029	10 IN. PACER XI 1/60
2450006	5 IN. PACER XI 3 PH	2450018	7 IN. PACER XI 3 PH	2450030	10 IN. PACER XI 3 PH
2450007	6 IN. PACER VII 1/50	2450019	8 IN. PACER VII 1/50	2450031	14 IN. PACER VII 1/50
2450008	6 IN. PACER VII 1/60	2450020	8 IN. PACER VII 1/60	2450032	14 IN. PACER VII 1/60
2450009	6 IN. PACER VII 3 PH	2450021	8 IN. PACER VII 3 PH	2450033	14 IN. PACER VII 3 PH
2450010	6 IN. PACER XI 1/50	2450022	8 IN. PACER XI 1/50	2450034	14 IN. PACER XI 1/50
2450011	6 IN. PACER XI 1/60	2450023	8 IN. PACER XI 1/60	2450035	14 IN. PACER XI 1/60
2450012	6 IN. PACER XI 3 PH	2450024	8 IN. PACER XI 3 PH	2450036	14 IN. PACER XI 3 PH



Part No.	Description
1045200	Goose Neck Lamp
1045400	Shade
1123000	20 Feet of Coiled Cord
1103250	1 Phase Line Cord (25 Feet)
1104050	3 Phase Line Cord (25 Feet)
2100000	Cloth Clamp

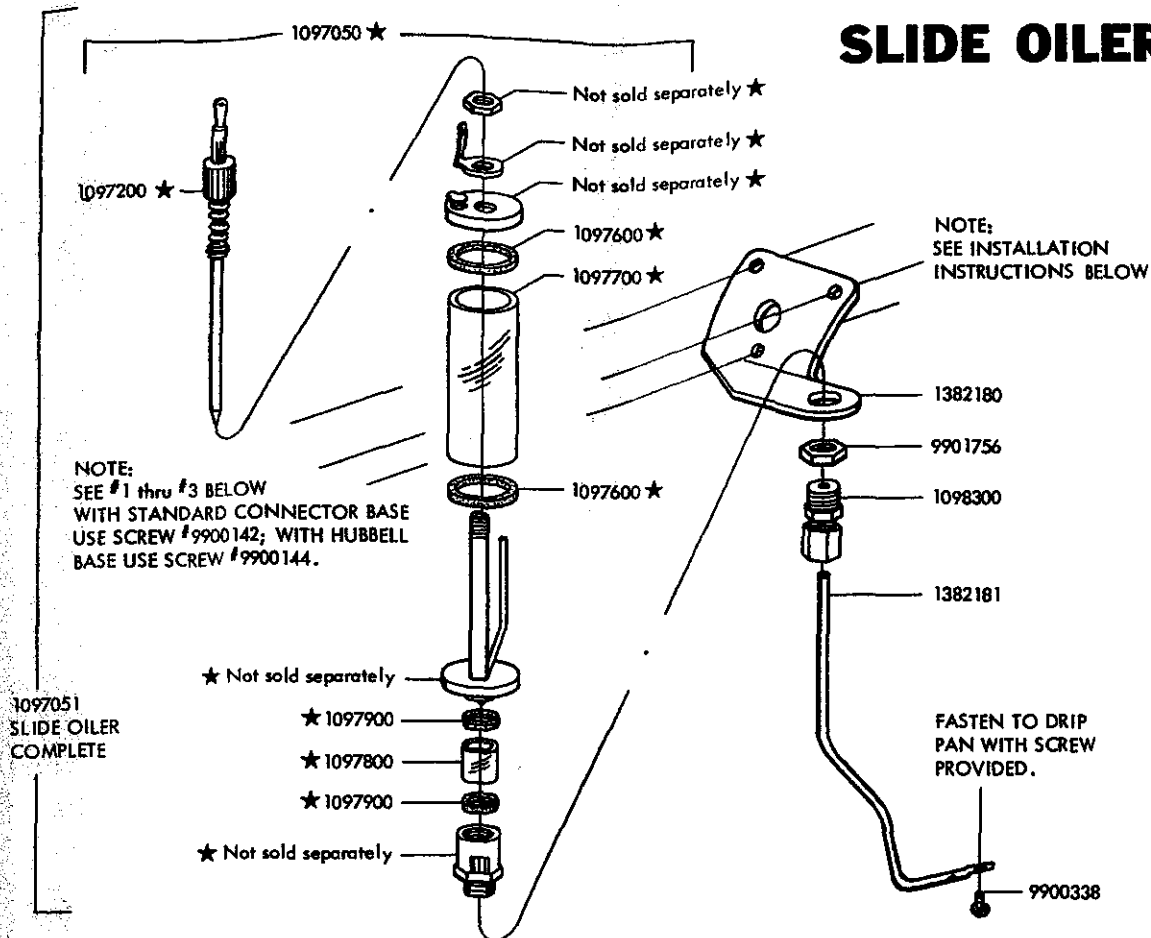
NOTE: NOT ALL
ITEMS LISTED
ARE SHOWN

MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm;
1-3/8" Med. 35 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5"-127 mm; 6"-152 mm; 7"-178 mm; 8"-203 mm;
10"-254 mm; 14"-356 mm

ACCESSORIES

SLIDE OILER



No.	Description	Quantity used if more than 1	Part No.	Description	Quantity used if more than 1
1097050	Slide Oiler Assy. (Parts marked with ★)		1098300	Connector	
1097051	Slide Oiler Complete (w/Bracket & Tube)		1382180	Oiler Bracket	
1097200	Stem Sub. Assy. Complete		1382181	Oiler Tube	
1097600	Body Washer	2	9900142	3/8 Lg. Screw (Standard Connector)	3
1097700	Body Glass		9900144	1/2 Lg. Screw (Hubbell Connector)	3
1097800	Tube Glass		9900338	6-32 x 5/16 Flat Head Screw	
1097900	Sight Feed Gasket	2	9901756	1/2-20 Elastic Half Nut	

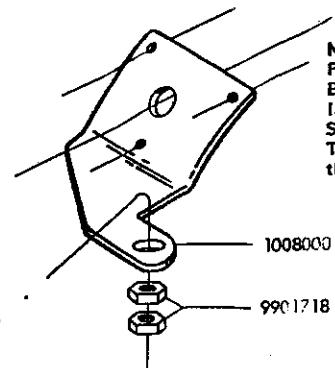
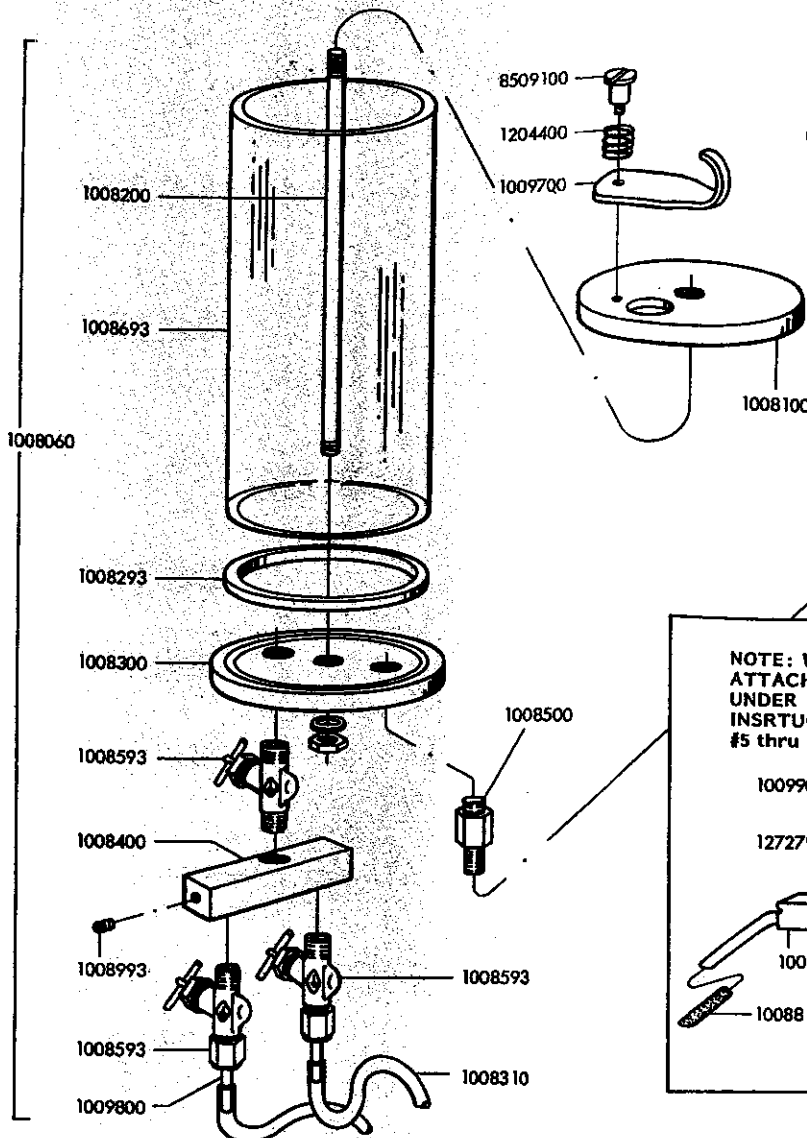
MILLIMETER EQUIVALENTS

Machine Strokes: 1-1/8" Ex. Short 29 mm; 1-1/4" Short 32 mm; 1-3/8" Med. 34 mm; 1-1/2" Long 38 mm; 1-3/4" Ex. Long 44 mm
Machine Sizes: 5" - 127 mm; 6" - 152 mm; 7" - 178 mm; 8" - 203 mm; 10" - 254 mm; 14" - 356 mm

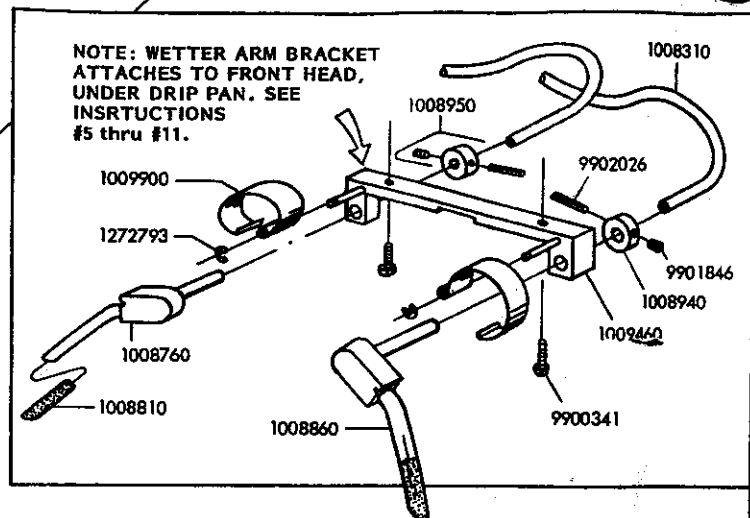
INSTALLATION OF THE SLIDE OILER

1. Disconnect electrical power.
2. Remove connector base and place bracket underneath. To do this the wiring will have to be disconnected from the connector and wires run through the bracket.
3. Rewire electrical connector and screw down on bracket with screws provided.
4. Remove bottom portion from oiler and place oiler in the bracket. Screw on large nut to hold in place.
5. Slide nut and little sleeve on to oiler tube. Connect this to bottom portion of oiler removed in Step #4.
6. Connect tube and bottom portion to oiler body.
7. Fasten tube down underneath drip pan with screw provided.

ACCESSORIES TWIN FLOW WETTER



NOTE:
FOR PROPER
BRACKET
INSTALLATION
SEE INSTRUCTIONS #1
thru #4.



NOTE: WETTER ARM BRACKET
ATTACHES TO FRONT HEAD,
UNDER DRIP PAN. SEE
INSTRUCTIONS
#5 thru #11.

Part No.	Description	Quantity used if more than 1
1008000	Wetter Mounting Bracket	
1008060	Twin Flow Wetter Assembly Complete	
1008100	Wetter Top	
1008200	Connecting Post	
1008293	'O' Ring	
1008300	Wetter Bottom	
1008310	Rubber Tube	2
1008400	Valve Block	
1008500	Mounting Stud	
1008593	Valve	3
1008693	Wetter Body	
1008760	Wetter Arm S.A. Right Hand	
1008810	Felt Pad	2
1008860	Wetter Arm S.A. Left Hand	

Part No.	Description	Quantity used if more than 1
1008940	Stop Collar	2
1008950	Wetter Arm Stop	2
1008993	Socket Plug	
1009460	Wetter Arm Bracket	
1009700	Lid	
1009800	Hose Connector	2
1009900	Wetter Arm Spring	2
1204400	Spring	
1272793	Retaining Ring	2
8509100	Shoulder Screw	
9900341	Screw	2
9901718	Jam Nuts	2
9901846	Socket Set Screw	2
9902026	Roll Pin	2

INSTALLATION OF THE WETTER*

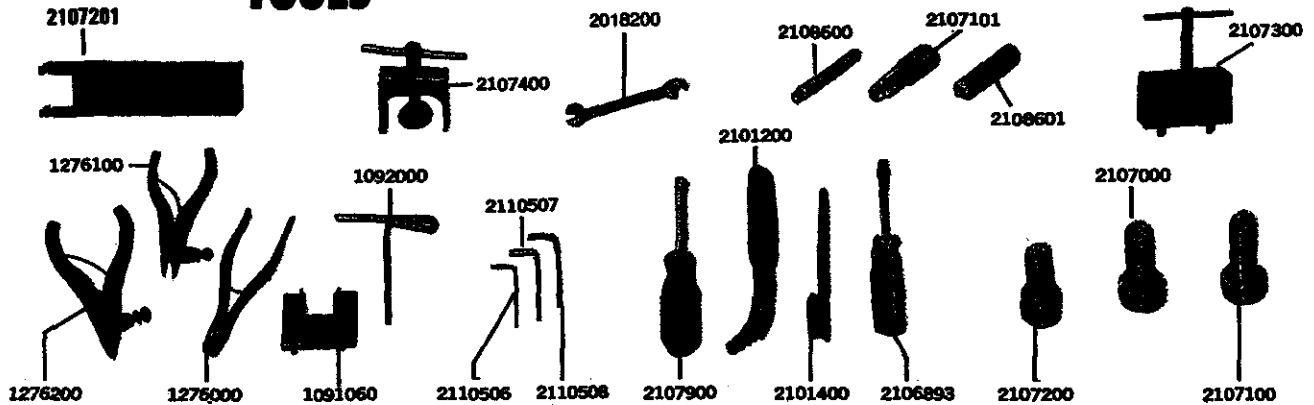
1. Disconnect electrical power.
2. Remove electrical connector base from machine and disengage wiring from connector base.
3. Thread wires through wetter bracket of wetter assembly and place assembly on machine.
4. Reattach wires to connector and screw connector base down on machine with wetter assembly bracket underneath, using screws supplied with assembly.
5. Unscrew #1200700, thumb nuts, and remove sharpener housing.
6. Insert knife bolt wrench, #1092000, and loosen the knife bolt #1064050. Remove the knife through the bottom of the footplate being careful of knife's sharp edge.

7. Remove two (2) bottom drip pan screws, #9900337.
8. The wetter arm bracket, #1009460, will mount under the drip pan with the screws provided, #9900341.
9. Replace blade and check alignment of wetter arms against blade.
10. Open arms and replace sharpener.
11. Turn machine on and recheck rotation of motor. If running in proper direction, engage sharpener one time to test.
12. Mount wetter on bracket and secure with jam nuts (#1008099), then connect rubber tubes (#1008310) to wetter arms.
13. Fill tank with 1 part Cutsol - 16 parts water.
14. Check flow of formula to blade and adjust for proper amount.

* For Series VIII only and recommended for 6" Pacers.

ACCESSORIES

TOOLS



NOTE: NOT ALL ITEMS LISTED ARE SHOWN

1091060	Pin Wrench for #1053000 & #1225000	2107100	Bearing Knockers for Rear Motor Bearing (In)	2108600	Bearing Knockers for #1221900 & #1222000 (Out)
1092000	Knife Wrench	2107101	Bearing Knockers for Rear Motor Bearing (Out)	2108601	Bearing Knockers for #1221900 & #1222000 (In)
1276000	Pliers — Internal Snap Ring	2107200	Bearing Knockers for Crank Bearing (In)	2109000	Front Head Bearing Puller
1276100	Pliers — External Snap Ring	2107201	Belt Pressure Arm Tool	2109100	Driver for #1227060 Shaft Assy.
1276200	Pliers — External Snap Ring	2107300	Crank Wrench	2109850	Pacer Tool Kit
2101200	Slot Cleaner	2107400	Crank Bearing Puller	2109970	Knocker for Bushing #1006393
2101400	Wire Brush	2107500	Open End Wrench	2110506	3/32 Allen Wrench
2106893	Screwdriver	2107600	Follower Tool	2110507	7/64 Allen Wrench
2107000	Bearing Knockers for Front Motor Bearing (In)	2107900	Nut Driver 1/4"	2110508	1/8 Allen Wrench
				2110950	Salesman Tool Kit

LUBRICANTS & CLEANING AGENTS

KEEP-M-KLEEN EMERY WHEEL CLEANER

This is a spray-on solution which keeps sharpening wheels working at peak efficiency; also excellent for cleaning guides and other parts.

ORDER WOLF #2100600

CUTSOL

A special formula wetting agent for cutting synthetic and fusible fabrics. Note: Cutsol is a concentrate and must be mixed at 1 part Cutsol to 16 parts water.

ORDER WOLF #
2101100 Gallon of Cutsol

OIL & GREASE — Order Wolf

2101500 Bottle of Oil
2101600 Grease



Straight Knife specifications

Pacer 100; 2 Speed 100; Jeans M. 100; Super J 100; Jr. 100

MODELS	MOTOR: 1 PHASE ★ 3 PHASE ★ HORSEPOWER IDLE			HORSEPOWER UNDER LOAD (Approx.)		1 PHASE ★ 3 PHASE ★ VOLTAGES AVAILABLE				CYCLE: 50 ■ / 60 □ STROKE RECOMMENDED INCHES (CENTIMETERS)			
	1/2	1	1.5	★	•	110 VT	220 VT	240 VT	380 VT	1 1/4" (3.2)	1 3/4" (3.5)	1 1/2" (3.8)	1 1/2" (4.4)
PACER '100'	★			1.2	1.4	★	★	★	•			□	■
DUAL SPEED	★			1	1.2	★	★			□	□	■	
JEANS REGULAR SUPER	★		•	1.2	1.85	★	★		•				■ □
SUPER SERIES J			•		1.85		•		•				■ □
PACER JR.	★			.65	.65	★	★	★	•		□	■	

MODELS	BLADE LENGTH:							APPROXIMATE WEIGHT POUNDS (KILOGRAMS)
	5" (12.7)	6" (15.2)	7" (17.8)	8" (20.3)	10" (25.4)	12" (30.5)	14" (35.6)	
PACER '100'	✓	✓	✓	✓	✓	✓	✓	30 lbs. (13.6 kg)
DUAL SPEED	✓	✓	✓	✓	✓	✓	✓	33 lbs. (15.0 kg)
JEANS MACHINE	✓	✓	✓	✓	✓	✓	✓	30 lbs. (13.6 kg)
SUPER SERIES J	✓	✓	✓	✓	✓	✓	✓	31 lbs. (14.1 kg)
PACER JR.	✓	✓	✓	✓	✓	✓	✓	18 lbs. (8.2 kg)

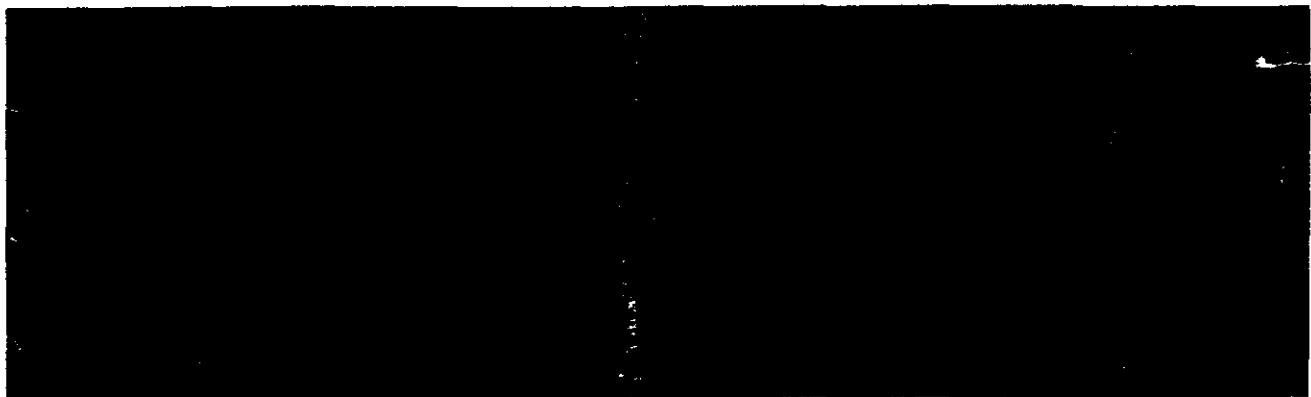
MODELS	SHARPENER RECOMMENDED		EMERY GRADE RECOMMENDED				BLADE RECOMMENDED			
	STONE	BELT	FINE	MEDIUM	COARSE	X-COARSE	REGULAR	DURO	WAVE	NOTCH
PACER '100'	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DUAL SPEED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
JEANS MACHINE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUPER SERIES J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PACER JR.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Super Pacer; 2 Speed; Jeans Machine; Super J; Jr.

MODELS	MOTOR: 1 PHASE ★ 3 PHASE ★ HORSEPOWER IDLE			HORSEPOWER UNDER LOAD (Approx.)		1 PHASE ★ 3 PHASE ★ VOLTAGES AVAILABLE				CYCLE: 50 ■ / 60 □ STROKE RECOMMENDED INCHES (CENTIMETERS)			
	1/2	1	1.5	★	•	110 VT	220 VT	240 VT	380 VT	1 1/4" (3.2)	1 3/4" (3.5)	1 1/2" (3.8)	1 1/2" (4.4)
PACER	★			1.2	1.4	★	★	★	•			□	■
DUAL SPEED	★			1	1.2	★	★			□	□	■	
JEANS REGULAR SUPER	★		•	1.2	1.85	★	★		•				■ □
SUPER SERIES J			•		1.85		•		•				■ □
PACER JR.	★			.5	.5	★	★	★	•		□	■	

MODELS	BLADE LENGTH:							APPROXIMATE WEIGHT POUNDS (KILOGRAMS)
	5" (12.7)	6" (15.2)	7" (17.8)	8" (20.3)	10" (25.4)	12" (30.5)	14" (35.6)	
PACER	✓	✓	✓	✓	✓	✓	✓	35 lbs. (15.9 kg)
DUAL SPEED	✓	✓	✓	✓	✓	✓	✓	36 lbs. (16.3 kg)
JEANS MACHINE	✓	✓	✓	✓	✓	✓	✓	35 lbs. (15.9 kg)
SUPER SERIES J	✓	✓	✓	✓	✓	✓	✓	36 lbs. (16.3 kg)
PACER JR.	✓	✓	✓	✓	✓	✓	✓	23 lbs. (10.5 kg)

MODELS	SHARPENER RECOMMENDED		EMERY GRADE RECOMMENDED				BLADE RECOMMENDED			
	STONE	BELT	FINE	MEDIUM	COARSE	X-COARSE	REGULAR	DURO	WAVE	NOTCH
PACER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DUAL SPEED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
JEANS MACHINE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUPER SERIES J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PACER JR.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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