

Швейные машины для обивки серии LPW

Технические характеристики

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LPW two needle series (angular stitch)

Two needle, High speed, Post bed, Large vertical axis hook, Disengageable needle bars, Lockstitch machine



LPW-28BLK

Variety



LPW-28BLK

Compound feed and walking foot, reverse stitch



LPW-28BLK-A

Compound feed and walking foot, reverse stitch
thick threads type



Angular stitching and/or straight stitching
can be made by simplified operation

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing operations which require decorative or functional angular stitching such as collars, pockets, shoe uppers, automobile upholstery, etc.



LPW two needle series (angular stitch)

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Easy operation of disengageable right and left needle bars by use of finger touch lever.
- Compound feed and alternating pressers mechanism assures even feeding of materials. (-28BLK)
- Semi-automatic lubrication system.
- Large vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching.
- Various gauge sets available.

Specifications (LPW-□)

Variety	28BLK	28BLK-A
Number of needle	Two needle	
Max. sewing speed	2,200(s.p.m.)	
Max. stitch length	7/32" (5.5 mm)	
Clearance under presser foot	by knee	35/64" (14 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-9/32" (32.6 mm)	
Needle(standard)	DPx17 (#24) , 135x17 (#180)	
Thread	#5 (standard)	#1 (standard)
Hook	Large vertical axis hook	
Amount of lift of walking foot	3/32"-3/16" standard 1/8" (2.5 - 5 mm) (standard 3.2 mm)	7/64"-7/32" standard 1/8" (2.7 - 5.5 mm) (standard 3.2 mm)
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Post height	7" (178mm)	
Working space	10-5/32"x 11-11/32" (258 x 288 mm)	
Motor	Clutch motor	
Net weight(Head only)	44Kg	

NOTE

- (1) Speed depends on threads, materials and type of operation
- (2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size
28BLK	1/8"(3.2mm), 3/16"(4.8mm), 1/4"(6.4mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 3/4"(19.1mm) standard 1/4"(6.4mm)
28BLK-A	1/8"(3.2mm), 3/16"(4.8mm), 1/4"(6.4mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm) 3/4"(19.1mm) standard 5/16"(7.9mm)





SEIKO

PW, LPW OPERATOR'S GUIDE

PW-6,6B,7,7B,8,8B,8M,8BM,26,26B,27,27B,28,28B

LPW-6,6B,7,7B,8,8B,8M,8BM,26,26B,27,27B,28,28B

LPW-6L,6BL,7L,7BL,8L,8BL,26L,26BL,27L,27BL,28L,28BL

LUBRICATION (PW type)

Use white spindle oil. When starting the machine initially and after kept away for a long time without using at all, oil sufficiently to respective necessary parts before starting operation and pre-running. (↓ oiling point)

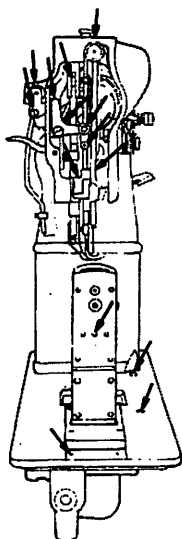


Fig. 1

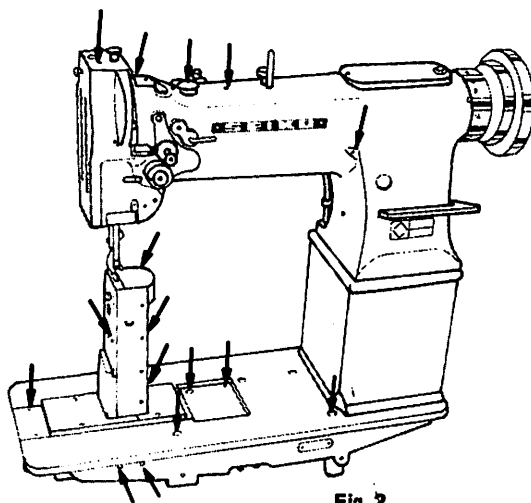


Fig. 2

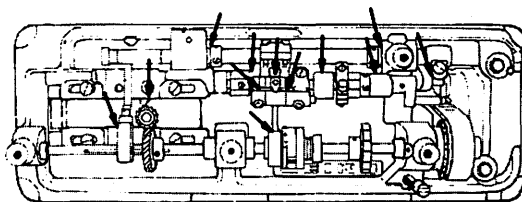


Fig. 3

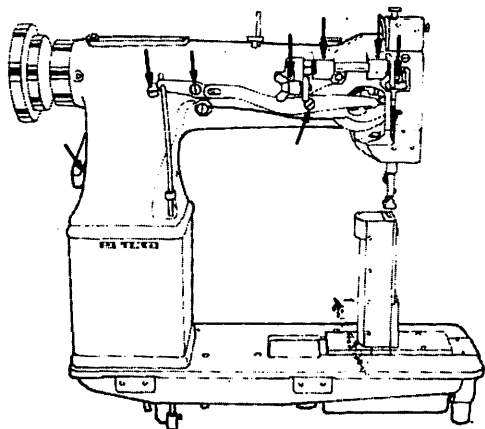
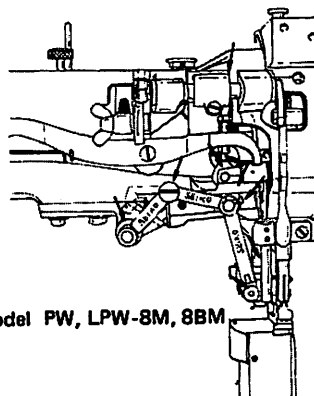


Fig. 4



Model PW, LPW-8M, 8BM

Fig. 5

LUBRICATION (LPW type)

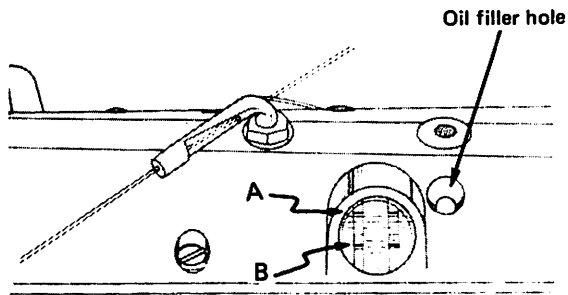


Fig. 6

To fill oil reservoir on top of machine until oil level reaches to upper reference line A. Always keep oil level is above lower reference line B.

OILING ADJUSTMENT FOR UPPER PART (LPW type)

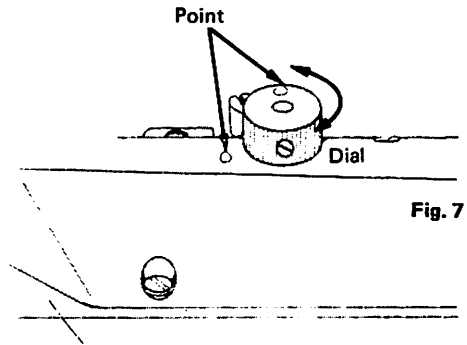


Fig. 7

While operating machine, lubrication to each spots of upper part of machine are made automatically. When the machine is in continuous operation, stop oiling for a while at your option. In that case, turn dial until two points fit together, then the dial comes down and lubrication is stopped.

NEEDLE

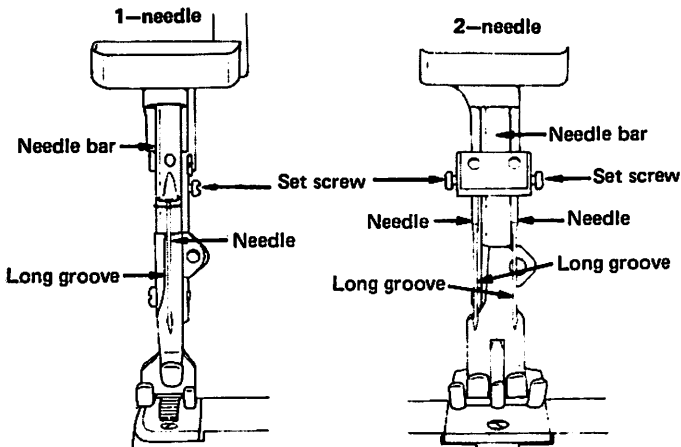


Fig. 8

Fig. 9

STANDARD NEEDLE

DP-F22, #14 PW, LPW-6, 6B, 26, 26B
(Roller presser)
DP x 7, #18 ... PW, LPW-6, 6B, 26, 26B
(Flat presser)
DP x 7, #24 ... LPW-6L, 6BL, 26L, 26BL
DP x 17, #18 ... PW, LPW-7B, 8B, 27, 27B
28, 28B
DP x 17, #19 ... PW, LPW-8M, 8BM
DP x 17, #22 ... PW, LPW-7, 8
DP x 17, #24 ... LPW-7L, 7BL, 8L, 8BL
27L, 27BL, 28L, 28BL

1. Move needle bar to highest point.
2. Insert needle up as far as possible.
3. Long groove faces left. (in case 2-needle, the groove faces inside.)
4. Tighten needle set screw.

ROLLER PRESSER FOOT (PW, LPW-6, 26(B), (L) type)

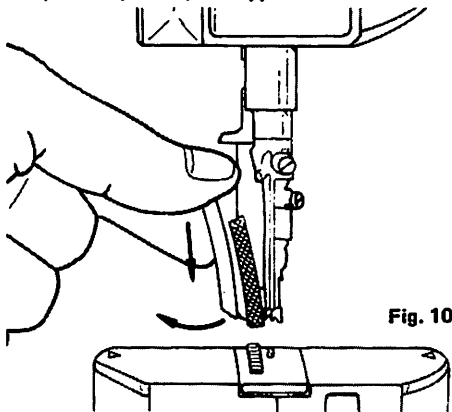


Fig. 10

Lift up presser bar lifter, then press down saddle of presser foot and turn it to left as far as it will go.

INSERTING AND REMOVING BOBBIN

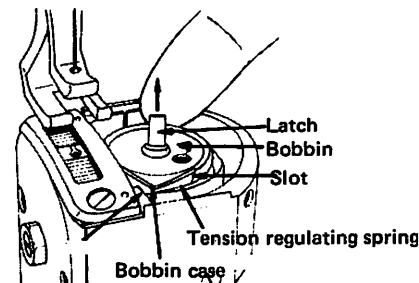


Fig. 11

1. Pull up latch and remove bobbin from bobbin case.
2. To insert a full bobbin, hold it pulling out the end of thread by 5 cm, and place the bobbin into the bobbin case, and press down the latch.
3. Lead the end of thread pulled out through slot of the bobbin case, and under tension spring through between the bobbin case and opener.
4. Close cap, but leave a space for passage of the end of thread pulled out.

WINDING BOBBIN

1. Place a bobbin on the bobbin winder spindle as far as possible.
2. Lead thread as shown by Fig.12 and wind several times on bobbin.
3. Press down lever for drive then start machine. Pulley will be disengaged from V-belt automatically after bobbin fills up with thread.

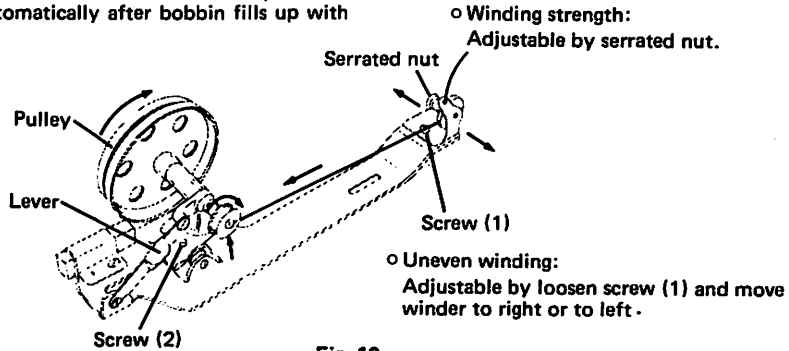


Fig. 12

THREADING NEEDLE

LPW

1-NEEDLE

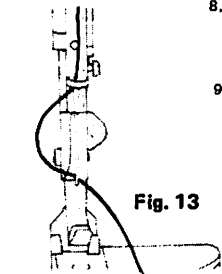


Fig. 13

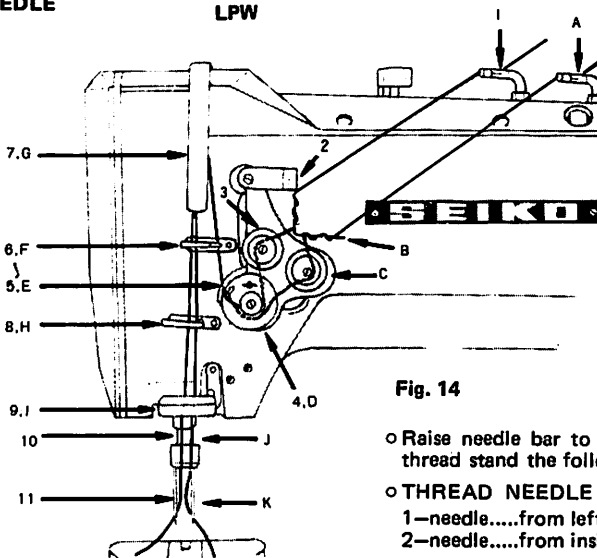


Fig. 14

- Raise needle bar to highest point and lead thread from thread stand the following numerical order 1(A) ~ 11(K).
- THREAD NEEDLE

- 1-needle.....from left to right
- 2-needle.....from inside to outside

PW

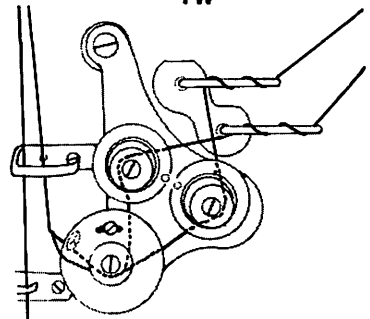


Fig. 15

THREAD TENSION



Perfect stitching



Tight tension of needle thread



Loose tension of needle thread

Fig. 16

NEEDLE THREAD

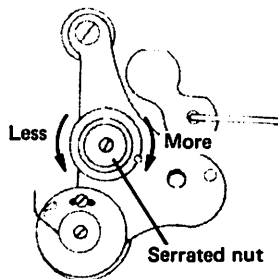


Fig. 17

To adjust, turn serrated nut

BOBBIN THREAD

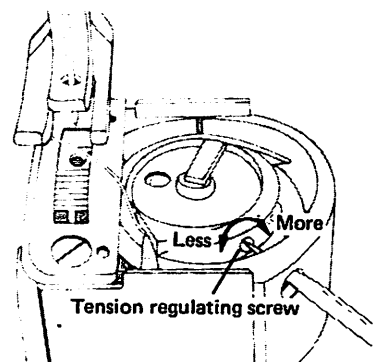


Fig. 18

To adjust, turn adjusting screw

ADJUSTING LIFT OF ALTERNATING PRESSER FEET

(Compound feed with walking foot machine only)

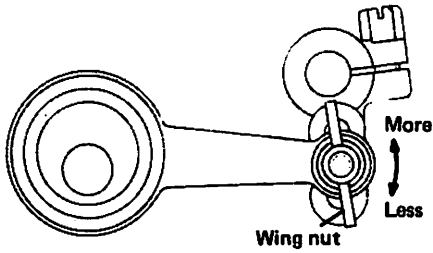


Fig. 19

To adjust, loosen wing nut and move link and stud assembly along slot.

TO REGULATE PRESSER FOOT PRESSURE

PW type

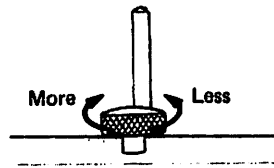


Fig. 20

LPW type

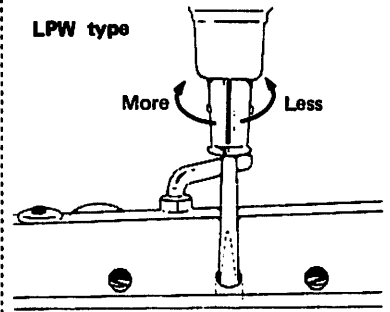


Fig. 21

The pressure on the material should be as light as possible, while still sufficient to insure correct feeding.

ADJUSTING STITCH LENGTH

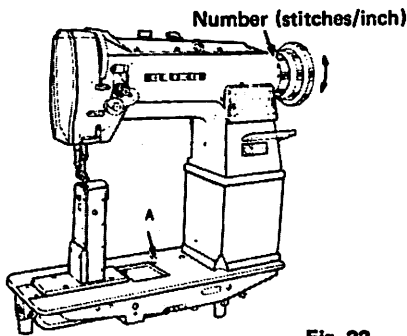


Fig. 22

Pressing down button A, turn pulley slowly toward you. Then plunger will enter into notch in feeding mechanism. Hold the plunger down and turn pulley either forward or rearward so that desired number on pulley may come at mark on arm. Then, release the plunger.

REVERSE STITCHING (only with reverse stitch mechanism.)

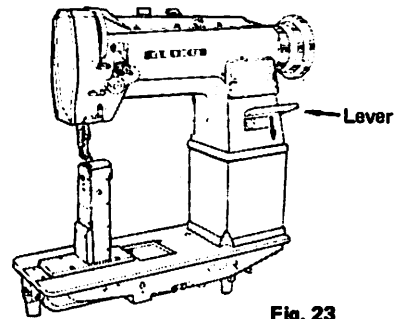


Fig. 23

To reverse stitching, press down the lever as far as it will go.

RE-ENGAGE SAFETY CLUTCH MECHANISM (except PW, LPW-6, 6B, 26, 26B)

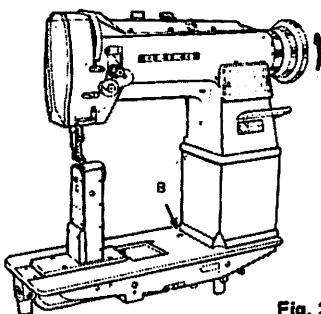


Fig. 24

1. Remove any foreign matter which may have lodged in hook. Do not use any sharp-edged tools.
2. Pressing button B and turn pulley rearward slowly to re-engage safety clutch.

TRIMMER (8M, 8BM type)

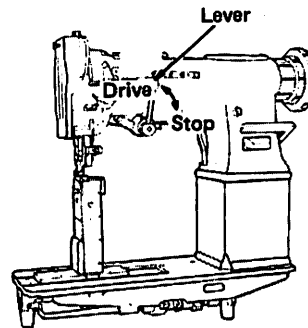


Fig. 25

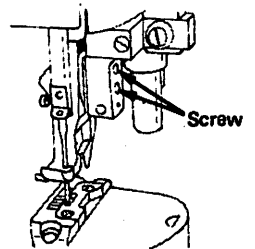


Fig. 26

When replacement of knife, loosen two screws.

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