# TYPICAL



# GC6150MD/HD GC6150MD/HD-LD

SINGLE NEEDLE DIRECT DRIVE NEEDLE FEED LOCKSTITCH SEWING MACHINE

#18-#22

INSTRUCTION BOOK / PARTS CATALOGUE

1.ROTATING HOOK OIL AMOUNT ADJUSTMENT

Adjust the oil amount of the rotating hook by turning the oil amount adjusting screw (A). Turn the screw (A) clockwise (in the "+" direction ) to increase the oil amount ; turn it counter-clockwise (in the "-" direction )

3.NEEDLE INSTALLATION

socket, then tighten the needle clamp screw.

#### **\*\*MAIN TECHNICAL DATA**

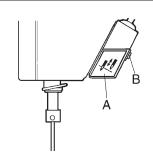
Max. Stitch length:

M	Н	
Commom materials	Thick materials	
4500spm	3500spm	
	Commom materials	Commom materials Thick materials

13mm Presser foot lifting height: 13mm DB×1 DP×5

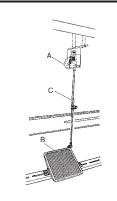
#9-#16

## 2.DEEDLE SWITCH AND LED LAMP



Press switch A could change the needle position to up or Open LED lamp by switch B.

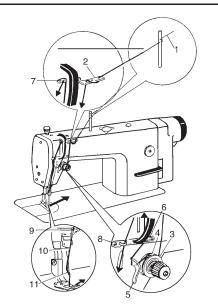
#### 4.CONNECTION OF THE CLUTCH LEVER WITH THE PEDAL



(1) Install speed gorernor A, link speed gorernor A and pedal B with tie barc, keep tie bar C vertical.

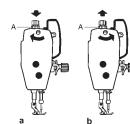
(2) The optimum tilt angle of pedal is approximately 15

# 6.THREADING



To thread the needle thread, raise the needle bar to the upper end of its stroke, lead the thread from the spool and perform. Threading as shown in To draw the bobbin thread, hold the end of the needle thread and turn the balance wheel to lower the needle bar and then lift it to its highest position. Pull the ends of needle thread and bobbin thread frontward under presser foot.

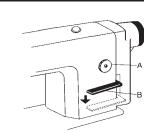
### 8.ADJUST THE PRESSURE OF PRESSER FOOT



Pressure of the presser foot is adjusted in accordance

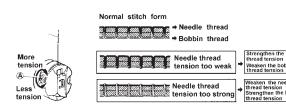
with thickness of materials to be sewn. First loosen the lock nut (A), for heavy materials, turn the pressure regulating thumb screw as shown in Fig.(a) to increase the pressure , while for light materials , turn the pressure regulating thumb screw as shown in Fig.(b) to decrease the pressure , the tighten the lock nut (A). The pressure of the presser foot is recommended to be less as along as normal feeding is ensured.

### 9.ADJUSTMENT OF STITCH LENGTH AND REVERSE FEEDING



The stitch length can be adjusted by turning the dial knob(A). The figures on the face (B) of the dial show the stitch length in mm. The reverse feed level must be depressed by another hand while adjusting the stitch length (B). The reverse feeding start when the reverse feed lever (B) is depressed, the machine will feed forward again f the reverse feed level is released.

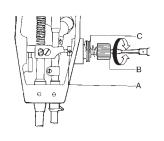
#### 10.THREAD TENSION ADJUSTMENT

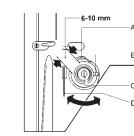


Thread tension should be determined in accordance with the stitch obtained by adjusting the tension of the bobbin thread and needle thaead.

The tension of the bobbin thread:to be adjusted by turning the tension spring regulating screw of the bobbin case After adjusting , insert the bobbin into the bobbin case and hold the end of the thread from the bobbin case to hang the bobbin case, If the bobbin case falls slowly and evenly, the proper tension of the bobbin thread is obtained.

The tension of needle thread: to be adjusted by turning





The stroke of the thread take-up spring runs from 6mm to 10mm, when sewing very thin fabrics, reduce the thread

take-up spring tension and increase the thread take-up spring stroke, where as increase the thread take-up spring tension and reduce the thread take-up stroke when sewing very thick fabrics.

Adjusting the thread take-up spring tension: First loosen the set screw (A), Turn the tension stud (B) counter-clockwise to decrease the tension of the thread take-up spring (c) to zero. Then turn the tension stud (B) clockwise till the spring (c) comes to the notch of the tension regulating bushing, and again turn the tension stud (B) halfway back (counter clockwise), After the adjustment, tighten the set screw (A).

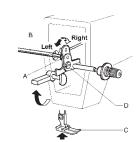
Adjusting the thread take up spring tension regulating bushing, and again turn the tension stud (B) halfway back (counter clockwise), After the adjustment, tighten the set screw (A).

11.ADJUST THE SYNCHRONIZATION OF THE NEEDLE WITH ROTATING HOOK

Adjusting the thread take-up spring stroke: loosen the set screw (B) turn the stud (C) clockwise to increase the stroke or turn stud (C) counter-clockwise to decrease the stroke after the adjustment tighten the set screw (B)

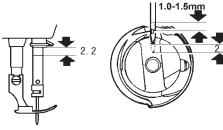
### 5.ADJUST THE OPENING TIME OF THE TENSION DISCS

Turning the balance wheel to lift the needle bar to the upper end of its stroke. Loosen the needle clamp screw while keeping the long groove of the needle leftward, fully insert the needle shank up to the bottom of the needle



Within the presser foot lift range, the opening time of the tension discs can be adjusted as follows:

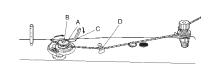
(1)Remove the rubber plug from the back of the arm and Loosen the screw (A) of the knee lift level (left) (2)Move the tension releasing cam (D) leftward for earlier opening or rightward for later opening. It will facilitate the adjustment if putting a lifting high block under

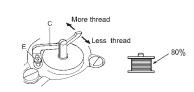


When lifting the needle bar from its lowest posi-tion of the stroke to the distance A, the hook point D of the bobbin should align with the center line of the needle and be 1.0-1.5 mm above upper end of the needle eye

clearance between the bottom of the needle notch and the hook tip should be 0.05

#### 7.WINDING THE LOWER THREAD



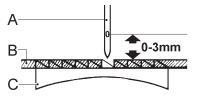


Turn on the power switch. Place the bobbin (A) onto the bobbin winder shaft (B). Wind the thread several times around the bobbin (A) inthedirection indicated by the arrow. Push the bobbin presser arm(C) toward the bobbin (A). Raise the presser foot with the lifting lever .Depress the treadle. Lower thread winding will then start. Once winding of the lower thread is completed, the bobbin presser arm (C) will return automatically. After the thread has been wound on ,remove the bobbin and cut the thread with the knife

1. Loosen the screw (E) and mover the bobbin presser(C) to adjust the amount of thread wound onto the bobbin.

2. The amount of thread wound onto the bobbin should be a maximum of 80% of the bobbin capacity.

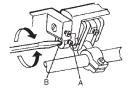
## 12.ADJUSTING THE POSITION OF FEED DOG AND NEEDLE



Needle A tip down to needle board face B, send the teeth and needle tip C cloth panels B height consistent, this is the standard synchronous relationship.

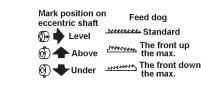
Loosen eccentric wheel screw, turn eccentric wheel and balance wheel separately to adjust the position of needle and feed doy .Tnen tighten the screw.

#### 13.STITCH LENGTH ERROR ADJUSTMENT

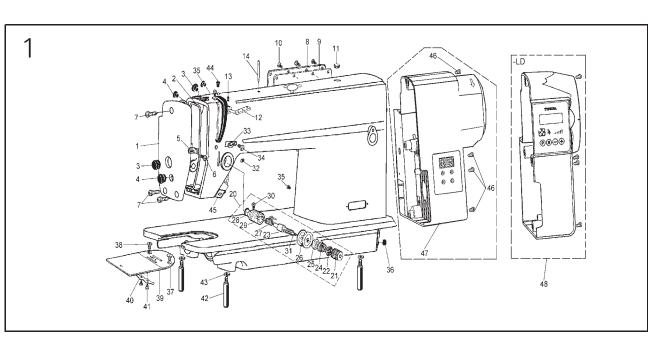


Loosen screw (A) to adjust the stitch length adjusting cam (B). Turn it rightward to narrow the stitch length as forward sewing, and widen it as reverse sewing; turn it leftward to widen the stitch length as forward sewing, and narrow it as

# 14.FEED DOG HORIL ONTALLTY ADJUSTMENT

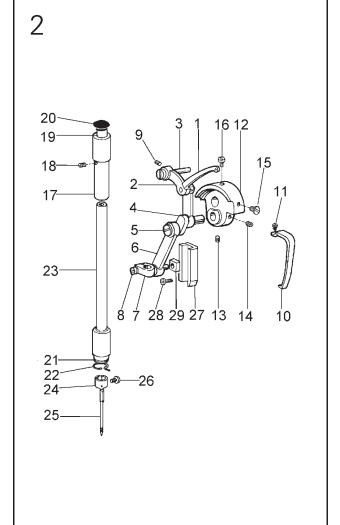


Heighten the front of feed dog to prevent fabric from wrinkling lower the front of feed dog to prevent fabric from defection, breaking of hook thread.



#### 1. ARM AND CONTROLLER MECHANISM

NIa	Dof No	Description		lt.		048120002	Thread take – up spring		1
No.	Ref.No.	Description	М	Н	28	022160011	Rubber ring	1	1
1	124120001	Face plate	1	1	29	022160007	Thread tension regulating bushing	1	1
2	124120002	Rubber ring	1	1	30	022160008	Set screw	1	1
3	022130003V	Rubber plug(Φ19)	2	2	31	022160009	Thread tension releasing pin	1	1
4	022130004V	Rubber plug(Φ11.8)	2	2	32	022100013	Set screw	1	1
5	022130005	Thread guide on face plate	1	1	33	022100014	Thread guide for arm center	1	1
6	B040750494	Screw M3.5X6	1	1	34	022130006	Set screw	1	1
7	022100004	Face plate screw	3	3	35	022100015V	Rubber plug(Ф8.8)	2	2
8	022140001	Arm Side cover	1	1	36	022100016V	Runner plug(Φ27)	1	1
9	022140002	Gasket for arm side cover	1	1	37	124100005	Needle plate(B1.8)	1	
10	022100006	Arm side cover screw	8	8		048100001	Needle plate(B2.6)		1
11	022180001V	Oil check Window	1	1		153100002	Needle plate	1	
12	022100010	Three hole thread guide	1	1		153100004	Needle plate		1
13	124100006	Set screw	1	1	38	022100020	Needle plate screw	2	2
14	108200009	Over the line column	1	1	39	022170001	Slide plate	1	1
20	124130000W	Thread tension knob	1		40	022170002	Spring for slide plate	1	1
	124100007W	Thread tension knob		1	41	022170003	Screw	2	2
21	124130001W	Thread tension nut	1	1	42	048100005	Leg	3	3
22	022160010	Stop disc	1	1	43	S150601004	Spring washer 6	3	3
23	022160001	Thread tension stud	1	1	44	022100017V	Red rubber plug(Φ5.7)	1	1
24	124130002	Thread tension spring	1		45	263820000	Single key with lamp fill needle switch	1	1
	048110001	Thread tension spring		1	46	B048509294	Screw M5 × 18	4	4
25	022160004	Thread tension releasing disc	1	1	47	263910000	Controller assy	1	1
26	022160005	Thread tension disc	2	2	48	263C71000	Controller assy	1	
27	022160006	Thread take – up spring	1			263C81000	Controller assy		1

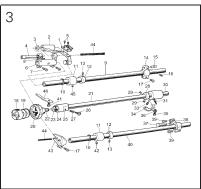


# 2. NEEDLE BAR AND THREAD-UP **MECHANISM**

Description 02221 04821 nread teke-up lever 022210002 hread take-up link 022210003 hread take-up lever hinge pin 022210004 hread take-up crank 022210006 Set screw (left hand thread) 022200000 Needle bar link assy 048210002 Needle bar link assy 022210008 Needle bar connecting bar joint 022210009 Screw 022200002 10 BXF9768001 ake-up lever quard 022200004 12 022220001 leedle bar crank 048220001 leedle bar crank 022220002 14 022220003 Screw 15 022200006 022200007 Needle bar position screw Needle bar bushing (upper) 153200004 124200001 Needle bar bushing (upper) 1022200009 022200010 Felt plug V Red rubber plug(Φ8.8) 20 022200011--153200005 Needle bar bushing (lower) leedle bar bushing (lower) 24200006 22 022230002 Thread guide 23 153200003 Needle bar 078200004 Veedle bar 24 048200004 Thread guide for needle bar 25 S150901001 Needle DB x 1 14# S150901002 Needle DP × 5 18# 26 022200017 leedle clamp screw 27 022200018 Needle bar connecting link guide 28 022200019 Set screw 29 022200020 Slide block

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#### 3.FEEDING AND FEED LIFTING AND ROTATING HOOK MECHANISM

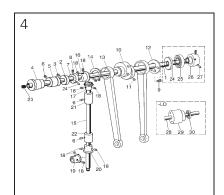
Description

Ref.No.

Qt.

МН

Feed dog Feed dog Feed dog Feed dra assy Washer Feed bracket shaft Screw Feed rock bracket arm Screw Feed rock shaft 6 C - type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft trank (right) Feed rock shaft crank (right) Pin Screw Bobbin case assy	1 1 1 2 1 2 1 2 2 2 2 4 1	1 1 1 1 2 1 2 1 1 2 2 1 1 2 2 4
Feed bar assy Washer Feed bracket shaft Screw Feed rock bracket arm Screw Screw Feed rock shaft G — type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right)	1 1 2 1 2 1 1 2 2 2 2 4 1	1 1 1 2 1 2 1 1 2 2 2 2 2
Washer Feed bracket shaft Screw Feed rock bracket arm Screw Screw Feed rock shaft 6 C - type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1 1 2 1 2 1 1 2 2 2 2 4 1	1 1 2 1 2 1 1 2 1 2 2 2 2 2
Feed bracket shaft Screw Feed rock bracket arm Screw Screw Feed rock shaft C – type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1 2 1 2 1 1 2 2 2 4 1 1	1 2 1 2 1 1 2 2 2 2 2
Screw Feed rock bracket arm Screw Feed rock shaft C — type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft trank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	2 1 2 1 1 2 2 2 2 4 1	2 1 2 1 1 2 2 2 2
Feed rock bracket arm Screw Screw Feed rock shaft C — type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1 2 1 1 2 2 2 2 4 1 1	1 2 1 1 2 2
Screw Screw Screw Feed rock shaft C – type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	2 1 1 2 2 2 2 4 1	2 1 1 2 2 2
Screw Feed rock shaft i C - type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1 1 2 2 2 2 4 1	1 1 2 2 2
Feed rock shaft  6 C - Type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1 2 2 2 4 1	1 2 2 2
C – type stop ring Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	2 2 2 4 1	2 2 2
Feed rock shaft bushing Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	2 2 4 1	2 2
Collar Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	2 4 1	2
Set screw Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	4 1 1	
Feed rock shaft crank (right) Feed rock shaft crank (right) Pin Screw Bobbin case assy	1	4
Feed rock shaft crank (right) Pin Screw Screw Bobbin case assy	1	
Pin Screw Screw Bobbin case assy		
Screw Screw Bobbin case assy		1
Screw Bobbin case assy		1
Bobbin case assy	1	1
Bobbin case assy	1	1
	1	1
Bobbin	1	
Bobbin	`	1
Rotating hook	1	'
Rotating hook	Ι'	1
Rotating hook shaft	1	1
Filter screw	1	1
	1	1
Filter		
Oil seal for rotatin hook shaft	1	1
Hook shaft bushing (left)	1	1
Oil adjusting screw	1	1
Spring for oil adjuster	1	1
Coller for rotating shaft	1	1
Set screw	2	2
Rotating hook shaft bushing (right)	1	1
Oil pipe for hook shaft bushing	1	1
Plunger	1	1
Plunger spring	1	1
Guide Plate	1	1
Screw	1	1
Spring washer	- 1	1
Hinge	1	1
Feed lifting rock shaft crank (right)	1	1
Screw	2	2
Reed lifting rock shaft	1	1
Screw	-1	1
Set screw	-1	1
Feed lifting fork	1	1
Wick	2	1
Screw	1	1
Rotating hook positioner	1	
Rotating hook positioner		1
	Set screw Feed lifting fork Wick Screw	Set screw         1           Feed lifting fork         1           Wick         2           Screw         1           Rotating hook positioner         1

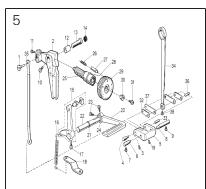


## 4. SHAFT AND VERTICAL SHAFT MECHANISM

1	No.	Ref.No.	o. Description	<u> ۷</u>	<i>L</i> .
'	IVO.	nei.no.	Description	М	Н
Г	1	274200001	Arm shaft	1	1
	2	022320001	Collar for arm shaft	1	1
	3	022320002	Set screw	2	2
	4	022320003	Arm shaft bushing (left)	1	1
	5	022320004	Arm shaft bushing (Middle)	-1	- 1
	6	022200002	Set screw	3	3
	7	207302001	Friction wheel	1	1
	8	S150224011	Screw M5x6	2	2
	9	165330001	Screw M5x6	2	2
	10	036300003	Eccentric wheel	1	
		114300001	Eccentric wheel		1
	11	022200002	Screw M5x6	2	2
	12	036300004	Spacer	1	1
	13	022343001	Crank rod for lifting rock shaft	1	1
	14	022342001	Spacer	1	1
	15	022350001	Vertical shaft	1	1
	16	Z0A180891	Bevel gear for arm shaft	1	1
	17	Z0A180892	Shaft (upper)	1	1
	18	022220003	Set screw	8	8
	19	Z0A180886	Bevel gear for hook shaft	1	1
	20	Z0A180885	Shaft (lower)	1	1
	21	022300011	Vertical shaft bushing (upper)	1	1
	22	022300012	Vertical shaft bushing (lower)	1	1
	23	022310002	Rubber plug	1	- 1
	24	274200003	Oil seal	1	1
	25	BX85876009	Bearing 6004 2Z	1	1
1	26	274210000	Couplings assy	-1	1
1	27	263C20001	Arm shaft	1	1
1	28	238L20002	Arm shaft bushing (right)	1	1
	29	124330002	Oil seal	1	1

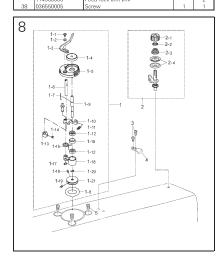
#### 8. BOBBIN WINDER MECHANISM

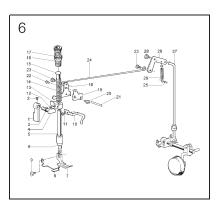
No.	Ref.No.	Description	a	t.
140.	1101.140.	Description	M	Н
1	263140000	Bobbin winder assy	1	1
1-1	S150237046	Screw M4X5	1	-1
1-2	S150633007	Washer 4	1	1
1-3	207107015	Wrench	1	1
1-4	207107003	Bobbin support	1	1
1-5	263140002	Bobbin winder support	1	1
1-6	263140005	Bobbin winder cam shaft	1	-1
1-7	207107002	Spring	1	1
1-8	263140004	Rubber ring	1	1
1-9	263140001	Bobbin winder shaft	1	1
1-10	207107014	Bobbin winder lever	1	1
1-11	207107005	Spring	1	-1
1-12	S150866067	Bear 625ZZNR	2	2
1-13	207107011	Bobbin winder cam	1	1
1-14	S150212013	Screw M5X5	1	1
1-15	207107013	Spring	1	1
1-16	263140006	Bear bushing	1	-1
1-17	S150617001	Split washer C6GB894 M6	1	1
1-18	207107006	Bobbin winder crank	1	1
1-19	S150224009	Screw M4x6	2	2
1-20	B062060768	Retaining ting E4	1	1
1-21	263140003	Bobbin winder wheel	1	1
2	263130000	Clip line assy (Small)	1	1
2-1	BX79078009	Nut	1	1
2-2	BX98669009	Washer	1	1
2-3	B900609089	Spring	1	1
2-4	B965664009	Tension disc	2	2
3	022830004	Screw SM3.57	2	2
4	001100009	Knife	1	1
5	BXF9118909	Screw M5x6	3	3



# ANISM 5, STITCH LENGTH REGULATING MECHANISM Ot. No. Bef No. Description Ot.

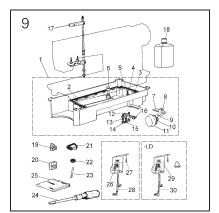
No.	Ref.No.	Description		Zl.
INO.	nenno.	Description	M	Н
1	036500001	Connecting stud	1	- 1
2	057500001	Feed regulator	1	
	124500003	Feed regulator		- 1
3	036550008	Screw	1	1
4	036550009	Lever link eccentric shaft	1	- 1
5	036550010	Lever regulator	1	- 1
6	036580002	Pin(left)	1	- 1
7	022640003	Screw	1	- 1
8	036580001	Pin(right)	1	1
9	022640003	Screw	1	- 1
10	022540004	Screw of feed regulator	1	1
11	022200019	Screw	1	1
12	022500003	Feed regulator bushing	1	- 1
13	022500004	Feed regulator shaft	1	- 1
14	238300002	Rubber plug (Ф 16)	1	- 1
15	022550001	Back tacking crank	1	- 1
	022551001	Slide block pin	1	- 1
16	057520001	Lever spring	1	- 1
17	022500013	Set screw	1	1
18	057500005	Bracket for spring	1	1
19	036550007	Screw	1	- 1
20	124500004W	Backtacking lever	1	1
21	022541001	Backtacking lever shaft	1	- 1
22	S150651007	O-ring 6.3 × 1.8G	1	- 1
23	022540004	Screw	2	2
24	022500011	O= ring	1	- 1
25	124510002	Feed regulator screw	1	- 1
26	022500009	Spring for stopper pin	1	- 1
27	022500008	Stopper pin	1	1
28	124510003	O- ring for feed regulating screw	1	1
29	124510001W	Knob	1	
	124510005W	Knob		- 1
30	036540004	Bush	1	1
31	036540005	Screw	1	- 1
32	036558001	Feed rock link	1	- 1
33	036550006	Pin	1	- 1
34	036550002	Lever feed connecting rod	1	1
35	036550003	Feed regulator link	1	1
36	036400104	Sink shaft	1	1
37	036558002	Feed rock arm link	2	
	114500003	Feed rock arm link		2
20	02000000	C	4	4





#### 6、PRESSER FOOT MECHANISM

No.	Ref.No.	Description	C	lt.
INO.	INGLINO.	Description	M	Н
1	022710001W	Presser bar lifter	1	1
2	B040600294	Set screw	1	-1
3	S150651010	Oil seal	1	-1
4	022700002	Presser bar lifting cam	1	1
5	022700010	Presser bar	1	-1
6	022700009	Presser bar bushing	1	1
7	02276	Presser foot complet	1	
	04871	Presser foot complet		-1
	027701100	Presser foot complet		1
8	057700002	Presser foot sping	1	-1
9	022700015	Set screw	1	1
10	022700016	Slack thread regulator	1	1
11	022200004	Screw	1	-1
12	022100013	Set screw	1	1
13	022740001	Presser bar lifting bracket	1	-1
14	022700013	Presser spring	1	
	048700002	Presser spring		1
15	022700012	Presser bar guide	1	-1
16	022750001W	presser regulating thumb screw	1	1
17	022750002W	Lock nut	1	-1
18	022721001	Knee lifter lever(left)	1	1
19	022722001	Tension releasing cam	1	1
20	022700005	Bolt for tension releasing cam	1	-1
21	022700006	Tension releasing pin	1	1
22	022723001	Screw	1	-1
23	022720002	Hinge screw	2	2
24	022720003	Knee lifter rod	1	1
25	022700008	Pin for spring	1	-1
26	022730001	Knee lifter lever(right)	1	1
27	022730003	Knee lifter connecting rod	1	-1
28	022730004	Screw	1	1
29	022730002	Spring for knee fift lever	1	1



#### Parts choosing list

	Parts choosing list						
No.	Ref.No.	Description	Q	t.	1		
NO.	nei.No.	Description	M	Н	1		
1	153100002	Needle plate B1.8	1		1		
2	153100004	Needle plate		1	l		
3	022600002	Feed dog	1		l		
4	153600001	Feed dog		1	ı		
5	027701100	Presser foot assy	1	1	ı		

#### 7. OIL PUMP AND MOTOR MECHANISM

No.	Ref.No.	Description	С	lt.
INO.	Mer.Mo.	Description	M	Н
1	022800001	Oil pump body	1	1
2	022800002	Oil pump impeller	1	1
3	022800003	Screw	1	1
4	022800004	Screw	3	3
5	S150601003	Spring washer	1	1
6	022800006	Oil pump filting plate	1	1
7	022800007	Oil adjusting plate	1	- 1
8	022810000	Oil pump screen assy	1	1
9	022800009	Screw	3	3
10	022820N	Oil pipe for hook shaft	1	1
11	022831	Oil braid fitting plate	1	1
12	022700015	Screw	2	2
13	022800014	Oil returning pipe	1	1
14	036A00002	Spring for oil felt	1	1
16	263900001	Motor	1	1
17	S150209177	Screw M5 x 35	4	4
18	B082050864	Spring washer	4	4
19	B084050974	Flat Washer S5	4	4
20	263200007	Hand wheel	1	1
21	S150215001	Screw M5 x 8	2	2
22	022840N	Oil pipe for arm shaft	1	1
23	263800001	Cushion block	1	1
24	B048509294	Screw M5 x 18	2	2
25	263C70001	Motor Pad	1	1
26	263C70003	Rotor	1	1
27	263C70002	Stator	1	1
28	263C21000	Hand wheel	1	1

#### 9. OIL RESERVOIR AND ACCESSORIES

No.	Ref No	Description	Qt	
140.	1161.140.	Description	M	Н
1	036C10001	Oil reservoir	1	1
2	022910005	Oil pan pad (B)	1	1
3	022910004	Oil pan pad (S)	1	1
4	022910003	Washer	1	1
5	022910002	Oil drain screw	-1	1
6	022920001	Knee lifter lifting rod	-1	1
7	022910006	Hinge pin for knee lifter lever	1	1
8	022920003	Knee lifter bell crank joint	1	1
9	022920002	Knee lifter bell crank	1	1
10	022920006	Bracket for knee lifter plate	1	1
11	022920008	Pat for knee lifter plate	1	1
12	022910008	Knee lifter stop bracket	1	1
13	022910009	Adjusting screw	2	2
14	022910010	Lock nut	2	2
15	022900036	Screw	1	1
16	022910007	Back spring for knee lifier	1	1
17	006F00030W	Thread spool assy	1	1
18	W060302014	Oil can	1	1
19	022900010V	Cushion(S)	2	2
20	022900009V	Cushion(B)	2	2
21	022990000	Hinge with rubber cushion	2	2
22	W060401014	Magnet	1	1
23	108200009	Over the line column	1	1
24	W060401017	Screw driver(B)	1	1
25	W060302052	Machine cover	1	1
26	238C14000	Governor assy	1	1
27	S150229001	Wood screw GB846-76 5 x 18	4	4
28	238C15000	Rod assy	1	1
29	263C72000	Governor assy	1	1
30	263C73000	Rod assy	1	1