

GLOBAL

CBZ 1532 DD

Instruction & parts manual

Always switch off the electricity when working on
the machine.

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操作手册 INSTRUCTION MANUAL

CBZ1532DD

自动加油横筒式曲折缝纫机（大梭）
 AUTO OILER TRANSVERSE TUBE ZIGZAG
 SEWING MACHINE (BIG HOOK)

为了提高机器的耐久性，请在使用前详细阅读使用说明书，并请妥善保存好说明书以便随时使用。

Please read this Instruction Manual carefully before using the unit in order to get the most out of it and to enjoy using it for a long time. Please keep this Instruction Manual at hand taking care not to lose it.

操作前应注意事项：

BEFORE OPERATION

1. 机器未加油润滑前，请勿启动机台或试转。
2. 请先确认工作场所使用的电压及相数（单相或三相），并详阅马达铭牌上注明的规格，是否相符。
3. 机台安装完毕，第一试转请先确认机头上轮运转方向。
- ★ 开启电源，并保持低速运转，从机头上轮位置方向观察，上轮运转方向是逆时针旋转。
4. 机台开始使用第一个月，请保持或低于1600转/每分钟速度运转。

1. Do not operate the machine even for trial before lubrication it.
2. Confirm that the voltage and phase (single or 3-phase) are correct by checking them against the ratings shown on the motor nameplate.
3. When running your machine for the first time after the set-up, check the rotational direction of the handwheel. ★ Turn on the power switch. Run the machine at a low speed while checking the rotational direction of the handwheel. (The handwheel should turn counterclockwise as observed from the handwheel side.)
4. For the first month, run the machine at speed of 1600s.p.m or less.

操作时应注意事项：

CAUTIONS IN OPERATION

1. 启动电源或机器运转期间，请勿将手靠近机针位置，并保持距离。
2. 机台操作运转期间，请勿将个人或让他人的头、手指等靠近机头上轮、V型皮带、绕线器或者马达，同时，亦请勿置其它物品靠近上述地方，以免发生危险。
3. 请勿于移除护指器、皮带罩、与任何其它的保护装置的情况下，操作机器。
4. 移动V型皮带前，务必先将电源关闭，及马达确实已停止转动，才进行下一动作。

1. Keep your hands away from the needle when you turn on the power switch or while the machine is operating
2. During operation, be careful not to allow your or any other person's head or fingers to come close the handwheel, V-belt, bobbin winder or motor. Also, do not place anything close to them
3. Do not turn the machine with the finger guard, belt cover or any other protectors removed
4. Be sure to turn off the power switch and confirm that the motor is completely stopped before removing the V-belt.

规格说明 **SPECIFICATIONS**

使用	薄料到中厚料
缝纫速度※	最大 2000 s. p. m
缝制长度	前缝：5mm，倒缝：5mm
最大 缝制长度	9mm
针杆行程	35mm
压脚提升高度	手动升：8mm，膝提升：13mm
机针	见目次 1★ 机针和线 ★
润滑油	机油（白砂油）

※最大的速度是依靠面料、线和缝制条件。

Usage	Light to medium weight material
Sewing speed ※	Max. 2000s. p. m
Stitch length	Forward stitch:5mm, Reverse stitch:5mm
Max. stitch width	9mm
Needle bar stroke	35mm
Lift of presser foot	Hand lifter:10mm, Knee lifter:10mm
Needle	See page 1 for table on 'NEEDLE AND THREAD'
Lubricating oil	Machine oil (white spindle oil)

※ Maximum speed will very depending on fabric, threads and sewing condition

人字宽度和最大速度之间关系

RELATIONSHIP BETWEEN ZIGZAG WIDTH AND MAXIMUM SPEED

人字宽度	0mm~5mm	5mm~9mm
最大速度	2000 s. p. m	1800 s. p. m
Zigzag width	0mm~5mm	5mm~9mm
Max speed	2000 s. p. m	1800 s. p. m

1. 机针和线

1. NEEDLE AND THREAD

选择适当的机针不仅依靠机器型号而且也要考材料线的使用，适当的机针和线的尺寸去用在各种机器型号上，请参考以下的规格：

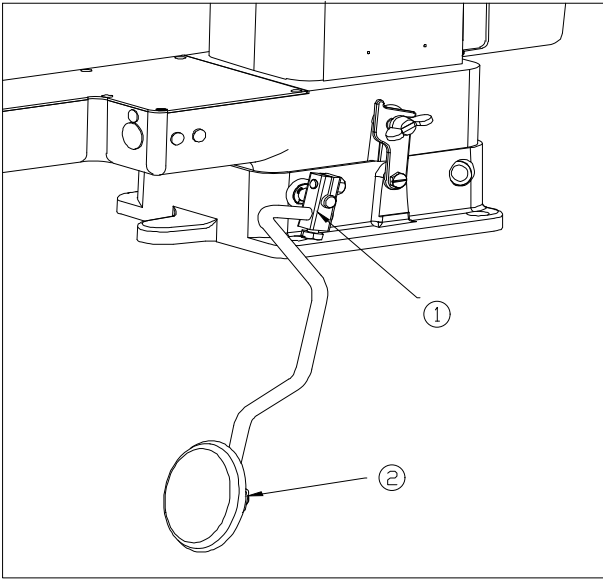
Selection of the proper needle depends not only on the machine model, but also on the material thread used For selection of proper needle and thread sizes to be used on the various machine models, please refer to the table below

等级应用	薄料	中料	中厚料
最大线尺寸 合成物	120	60	30
机针尺寸	DP×17 #10	DP×17 #12~#16	DP×17 #18~#19

Application of class	For light-weight materials	For medium-weight materials	For medium-heavy weight materials
Max thread size (Nm) -Synthetic	120	60	30
Needle size	DP×17 #10	DP×17 #12~#16	DP×17 #18~#19

2. 安装膝控抬压脚

2. INSTALLING THE KNEE LIFTER



1) 安装抬压脚板②和支架①。

1) Install the knee press plate asm. ② to the bracket ①.

3. 润滑油

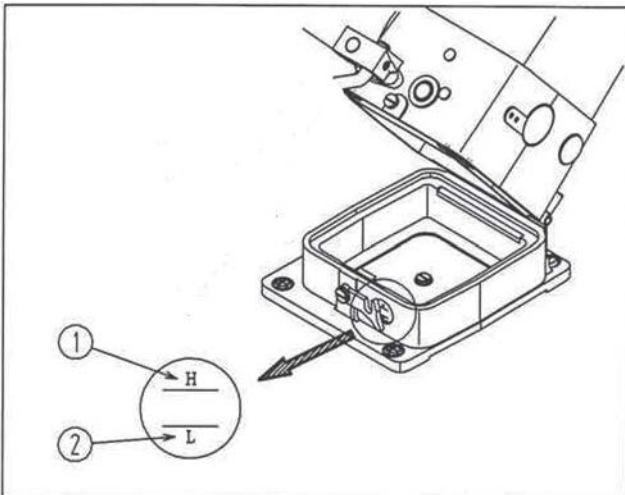
3. LUBRICATION (FOR CS-2450N/2460N)

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！



CAUTION

TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.



1) 把油注入标记线“H” ①。

2) 当油杆到入在标注“L”，再次注入油。

(使用油：白砂油)

1) Fill oil up to marker line “H” ①.

2) When the oil level drops under marker line “L” ②, refill it.

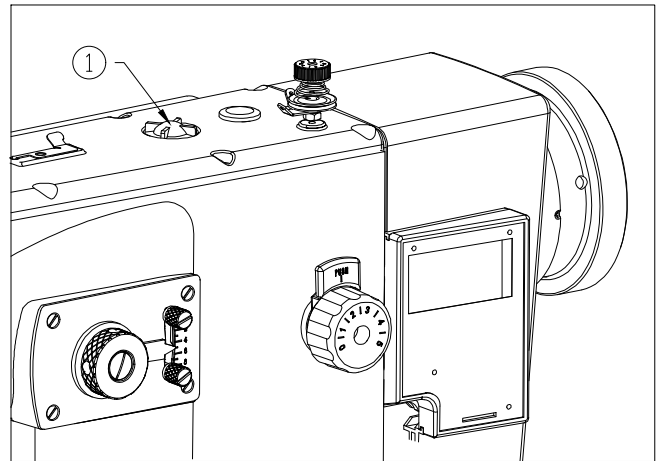
(Using oil is white spindle oil.)

4. 润滑油调节

4. LUBRICATION CONDITION

1) 操作缝纫机并确定散射油石在油槽里①。


1) Operate the sewing machine, and confirm the scattering oil at an oily window ①.



5. 机针的安装

5. HOW TO INSTALL THE NEEDLE

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！

 CAUTION	TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNE-EXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.
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☆ 确保电机电源关闭

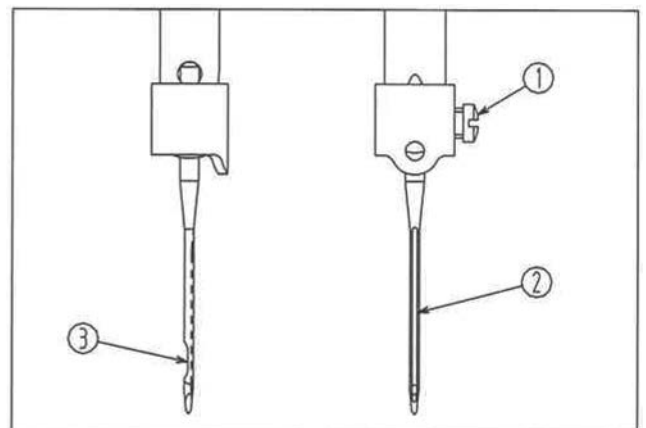
标准机针系统是"DPX17"。

- 1) 用手打开手轮并拿起针杆放在顶部位置
- 2) 松开螺丝①，把机针②插入到孔里面直到不能插到顶为止。
◇把机针插入在直接面对直立面的凹槽③。
- 3) 在机针上牢固的锁紧螺丝。

★BE SURE TO POWER-OFF THE MOTOR.

The normal needle system is 'DPX17'.

- 1) Turn the handwheel by hand and raise the needle bar to its top position.
- 2) Loosen screw ① and insert the needle ② into the hole until it will go no further,
◇Insert the needle with its recess ③ facing directly to the rear side.
- 3) Securely tighten the screw in the needle.



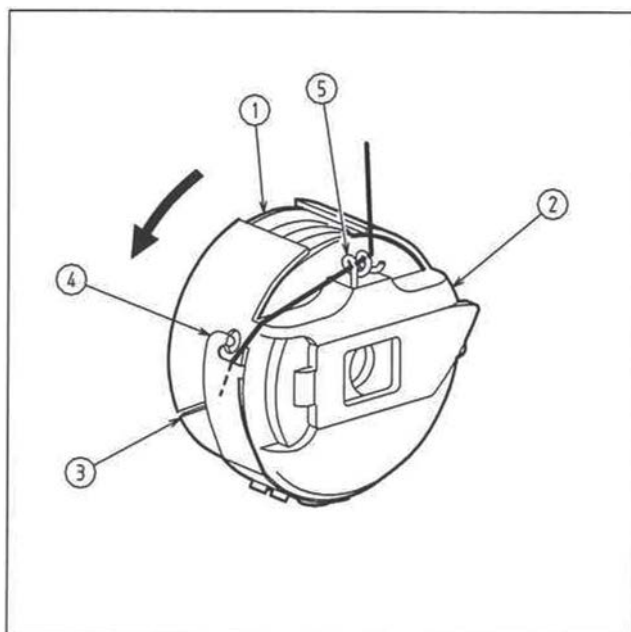
6. 旋梭的安装

6. HOW TO INSTALL THE BOBBIN

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！



CAUTION TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.



- 1) 把梭芯①放进梭壳里面②。
- 2) 把线穿过线槽③并压住梭壳拉力弹簧的凹槽④。
- 3) 把线尾穿过梭壳的导线器⑤并把它拉出约40mm。
注意：在梭线已经拉出时，安装锁壳的旋梭比便按照箭头的方向打开。

- 1) Put the bobbin ① into the bobbin case ② .
- 2) Pass the thread through the threading groove ③ and the notch ④ of tensionspring in the bobbin case.
- 3) Pass the end of thread through bobbin case thread guide ⑤ and pull it out a length of about 40mm .

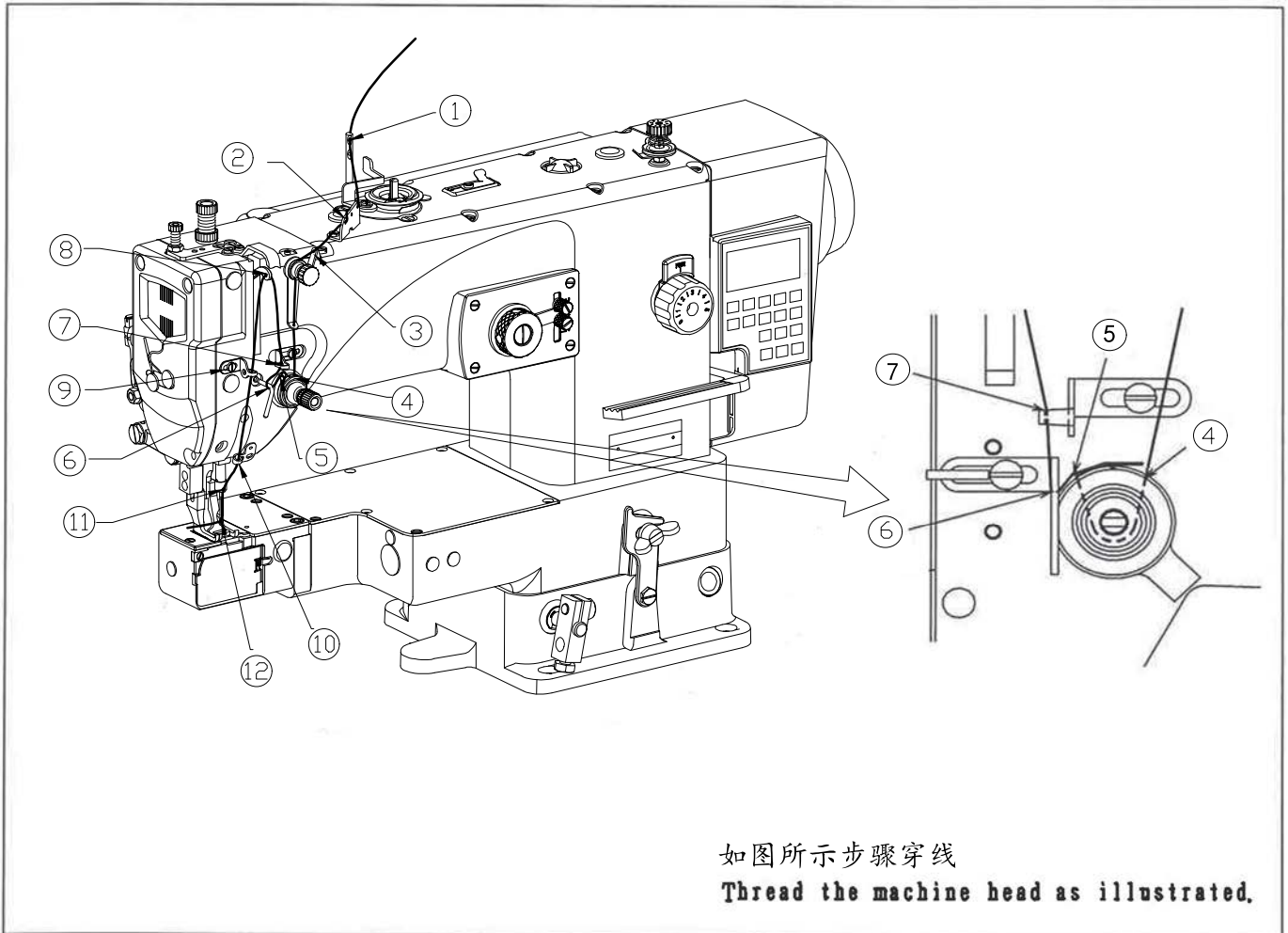
CAUTION: Fit the bobbin in the bobbin case so that the bobbin turns in the direction of the arrow when the bobbin thread is pulled.

7. 机器穿线

7. HOW TO THREAD THE MACHINE HEAD

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！

⚠ CAUTION TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.

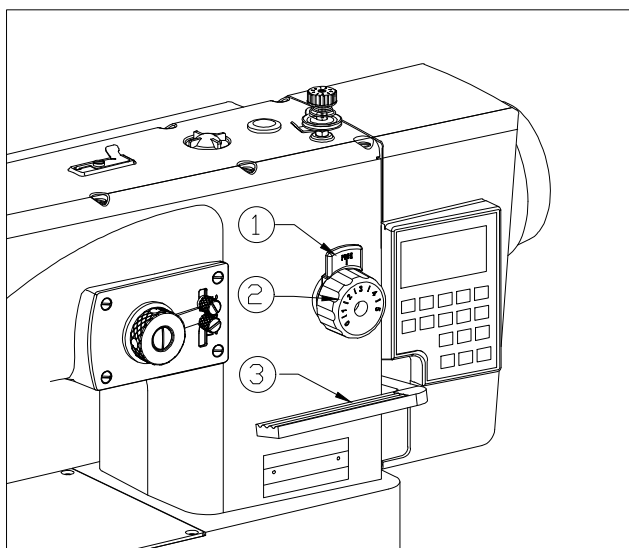


8. 调整缝制长度

8. ADJUSTING THE STITCH LENGTH

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！

⚠ CAUTION TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.



- 1) 推动针距按钮①，打开刻度盘②。
- ◇ 怎么倒送料缝制。
- 1) 把倒缝扳手③压下。
- 2) 只要压住倒缝扳手机器就可以倒送料缝制。
- 3) 松开杆时，机器恢复后标准缝制状态。

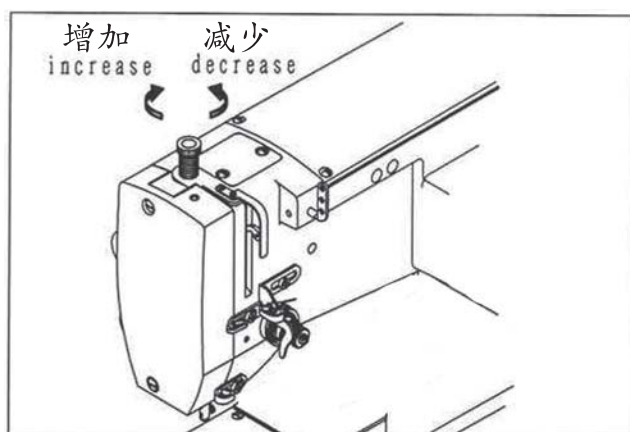
1) Push the stopper plate ①, and turn the dial ②.

○ How to engage the reverse feed stitching.

- 1) Push feed lever ③ down.
- 2) The machine performs reverse feed stitching as long as the lever is held depressed.
- 3) The moment you release to lever, the machine resumes the normal stitching mode.

9. 调节压脚压力

9. ADJUSTING THE PRESSER FOOT PRESSURE



- 1) 向右转动压力调节器增加压力，向左转动减少压力。

1) Turn the presser spring regulator to the right to increase and to the left to decrease pressure.

10. 线张力调节 10. THREAD TENSION

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！

⚠ CAUTION TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.

1) 调节沙拉组
顺时针转动沙拉组销①增加线的张力或逆时针转动减少线的张力

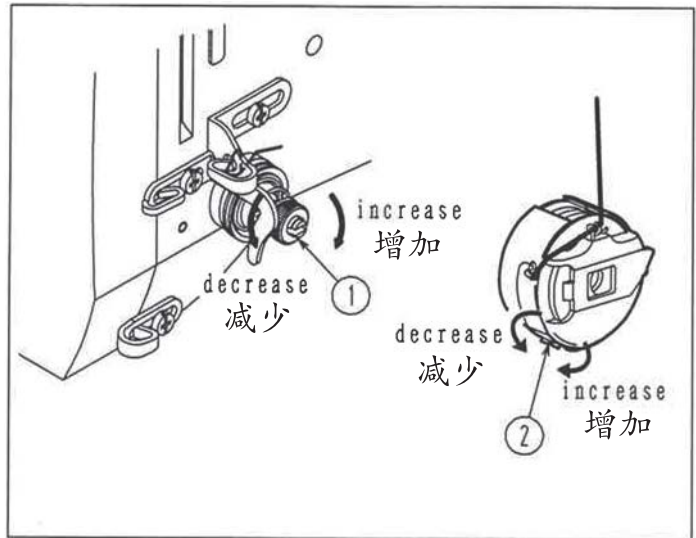
2) 调节旋梭线张力
顺时针转动张力螺丝②增加线的张力，逆时针转动减少旋梭线的张力

(1) Adjusting the needle thread tension

Turn the thread tension nut ① clockwise to increase or counterclockwise to decrease the needle thread tension.

(2) Adjusting the bobbin thread tension

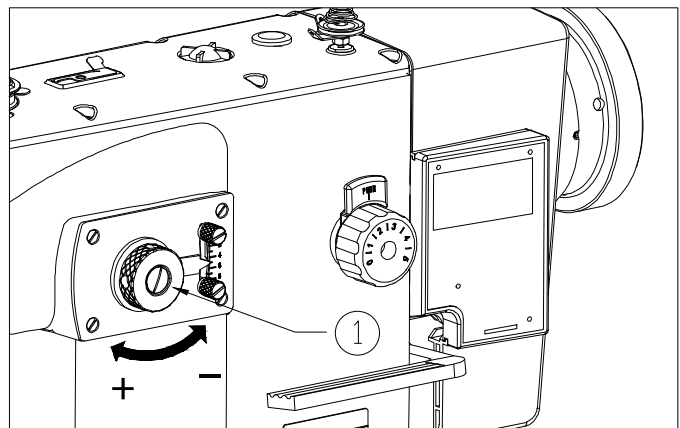
Turn the tension screw ② clockwise to increase or counterclockwise to decrease the bobbin thread tension.



11. 缝目宽度调节器 11. STITCH WIDTH REGULATOR

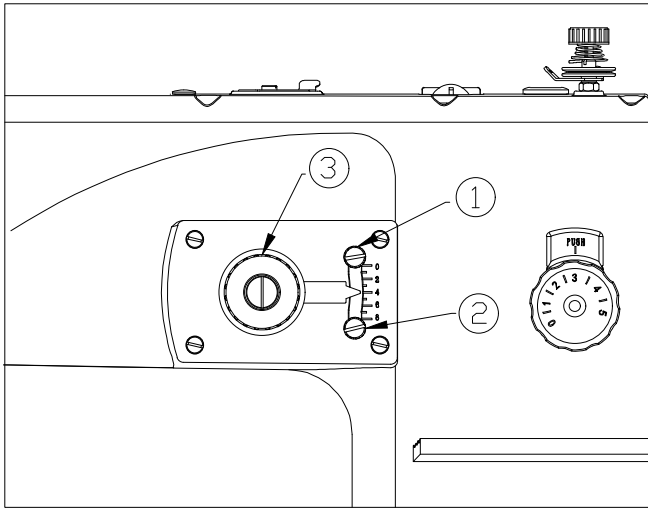
缝目宽度是由缝目宽度调节盘①控制的，当机针刺入布料时请勿调节缝目机针的位置。

The width of zigzag stitch is controlled with biased stitch width regulating dial ①. Do not make any needle position adjustment while the needle is in the fabric.



12. 如何控制人字缝目宽度

12. HOW TO CONTROL THE WIDTH OF ZIGZAG STITCH



为了控制人字车缝的最小和最大值，首先松开螺丝①，缝目调节器③开始可以调节，转动到最小位置，然后锁紧螺丝①。松开螺丝②，转动到最大位置，然后锁紧螺丝②。此时你可以控制缝目的调节，或者在0到9mm的范围内调节。

To obtain minimum to maximum width zigzag stitches, first loosen thumb screw ①, to permit the stitch width regulator ③, to return to its minimum position and retighten thumb screw ①.

Then loosen thumb screw ②, to return to its maximum position and retighten thumb screw ②.

You can now regulate the stitch width regulator within the range of zero to 9mm.

13. 机针与旋梭的关系

13. NEEDLE-TO-HOOK RELATIONSHIP

* 注意：进行此步骤时，务必将电源关掉，马达确保停止转动，以避免不必要的危险！

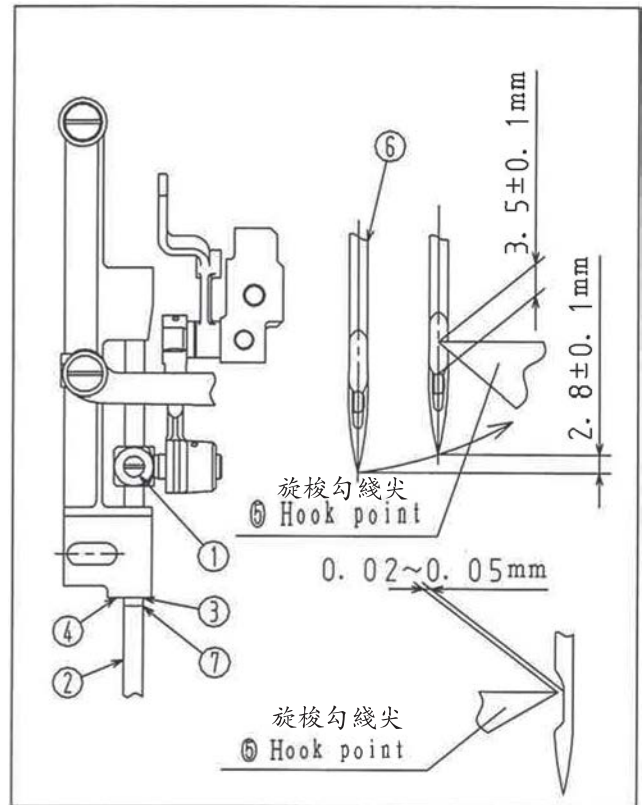
⚠ CAUTION TURN THE SWITCH OFF THE POWER SUPPLY TO PREVENT FROM UNEXPECTED INJURY. BE SURE TO CONFIRM THE STOP OF ROTATION OF THE MOTOR BEFORE OPERATIONS.

依下列方式将针杆设定在合适的高度然后

- 1) 移除针板。
- 2) 设定缝目调节器为垂直状态。
- 3) 朝操作者方向转动手轮直到机针到达最低位置。
- 4) 松开机针杆螺丝①，此时只有针杆②可以自由的上下移动。
- 5) 按要求向上或下移动针杆②使其上部的计时刻度③与针杆夹④底部对齐，然后安全锁紧针杆螺丝①。

依下列方式调节机针与旋梭的时间

- 1) 在机针处于中间位置时设定机器为垂直车缝状态。
- 2) 依次调节，当机杆上升2.8mm位置时，旋梭尖⑤接触机针⑥的中间部位，此时锁紧旋梭的固定螺丝。（此时调节的粗略指示，针杆上的刻度线⑦与摆针架底面④对齐。）是粗略的指示。
- 3) 调节机针⑥与旋梭尖⑤之间间隙在0.02~0.05mm之间。



◇ Set the needle bar at the proper height first as follows

- 1) Remove face plate.
- 2) Set stitch width regulator for straight stitching.
- 3) Turn machine pulley over toward you until needle descends to its lowest position.
- 3) Loosen needle bar screw ① so that only the needle bar ② will move up and down freely.
- 4) Move needle bar ② up or down as required, and align its upper timing mark ③ with underside of needle bar frame ④. Then securely tighten needle bar set screw ①.

◇ Adjust the timing between the needle and the hook as follows

- 1) Set machine for straight stitching at center needle position.
- 2) Adjust so that, when the needle bar goes up to 2.8mm above its lowest position, hook point ⑤ nearly meets the center of needle ⑥. Then tighten hook setscrew. (As a rough indication of this adjustment, marker line ⑦ on needle bar aligns with the bottom face of the needle bar frame ④.)
- 3) Adjust the clearance between needle ⑥ and hook point ⑤ to 0.02 to 0.05mm.

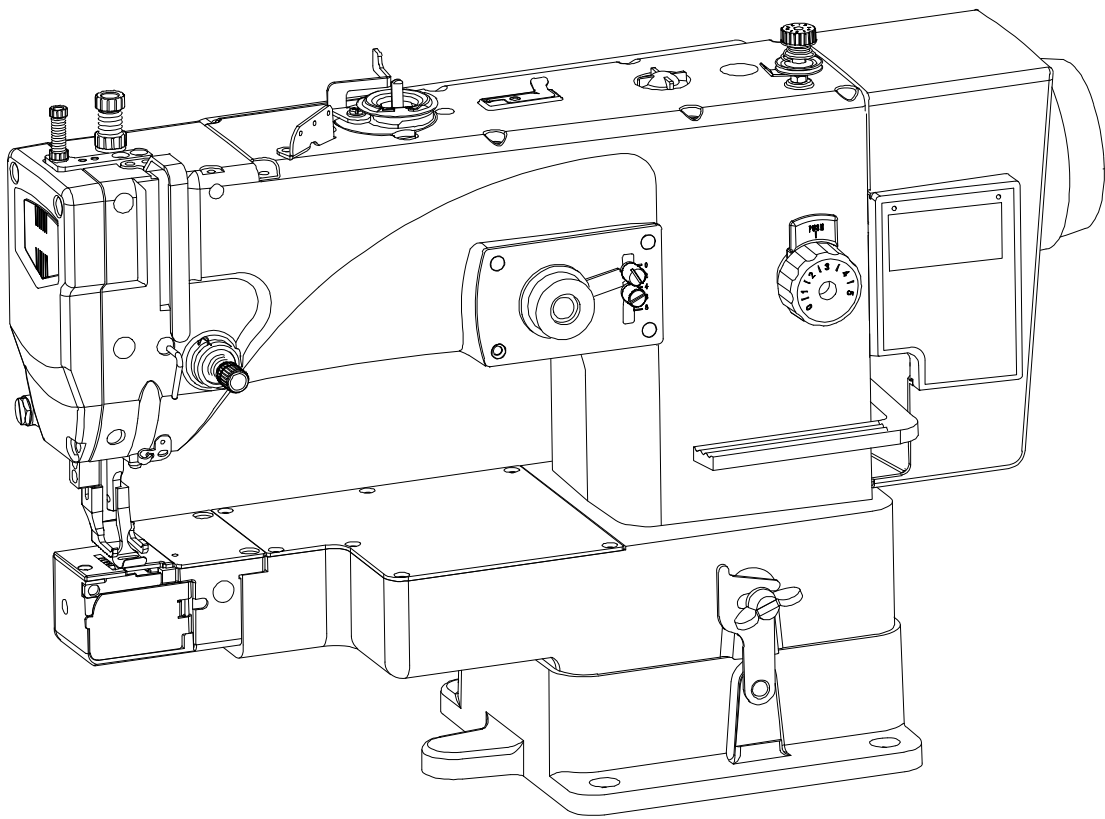
14. 常见问题故障排除

问题	原因	解决方案
上线断裂	<ol style="list-style-type: none"> 1. 穿线是否正确? 2. 过线器及调节区域线头是否清除? 3. 面线张力是否太紧? 4. 机针是否弯曲或机针尖锐化? 5. 机针是否安装正确? 6. 对于工作材质及线的规格, 及所用机针是否正确? 7. 线有无打结搓捻? 	<ol style="list-style-type: none"> 1. 更正穿线 2. 将线头及毛球从旋梭壳及旋梭中移除 3. 调节面线张力 4. 更换机针 5. 从新正确安装机针 6. 更换适用规格的机针及线 7. 将打结搓捻的线去除
底线断裂	<ol style="list-style-type: none"> 1. 底线穿线是否正确? 2. 底线卡住或缠线? 3. 底线张力是否正确? 4. 旋梭运转是否平衡? 	<ol style="list-style-type: none"> 1. 从新传底线 2. 从锁壳夹线弹簧片将卡线解除 3. 调整底线张力 4. 检查旋梭绕线线有无正确
车线跳针	<ol style="list-style-type: none"> 1. 机针安装是否正确? 2. 机针是否弯曲或机针尖锐化? 3. 机针与线的要求是否符合? 4. 上线穿线是否正确? 	<ol style="list-style-type: none"> 1. 从新正确安装机针 2. 更换新机针 3. 选配适合工作材料的机针 4. 更正穿线动作顺序
断机针	<ol style="list-style-type: none"> 1. 机针安装是否正确? 2. 机针是否弯曲或机针尖锐化? 3. 机针与线的要求是否符合? 4. 锁机针螺丝是否脱落? 5. 车缝中物料有无被拉住? 	<ol style="list-style-type: none"> 1. 从新正确安装机针 2. 更换新机针 3. 选配适合工作材料的机针 4. 锁紧锁机针螺丝 5. 车缝中不要将物料拉住
布料无法送料	<ol style="list-style-type: none"> 1. 送料调节盘是否过度调节? 2. 压脚压力是否有适度调节? 	<ol style="list-style-type: none"> 1. 转动送料调节盘加长缝目长度 2. 加强压脚压力
布料起皱	<ol style="list-style-type: none"> 1. 机针安装是否正确? 2. 机针是否弯曲或机针尖锐化? 3. 线张力是否太紧? 	<ol style="list-style-type: none"> 1. 更正穿线顺序 2. 更换机针 3. 适度调整线张力
回转噪音大	<ol style="list-style-type: none"> 1. 送料齿处是否有线头或毛球? 2. 旋梭中是否有线头? 	<ol style="list-style-type: none"> 1. 清除送料齿处线头毛屑 2. 清除旋梭中的线头毛屑
机器无法启动	<ol style="list-style-type: none"> 1. 电源插头是否有连接电源? 2. 电源开关是否在ON的位置? 	<ol style="list-style-type: none"> 1. 将插头连接电源 2. 电源开关激活在ON位置

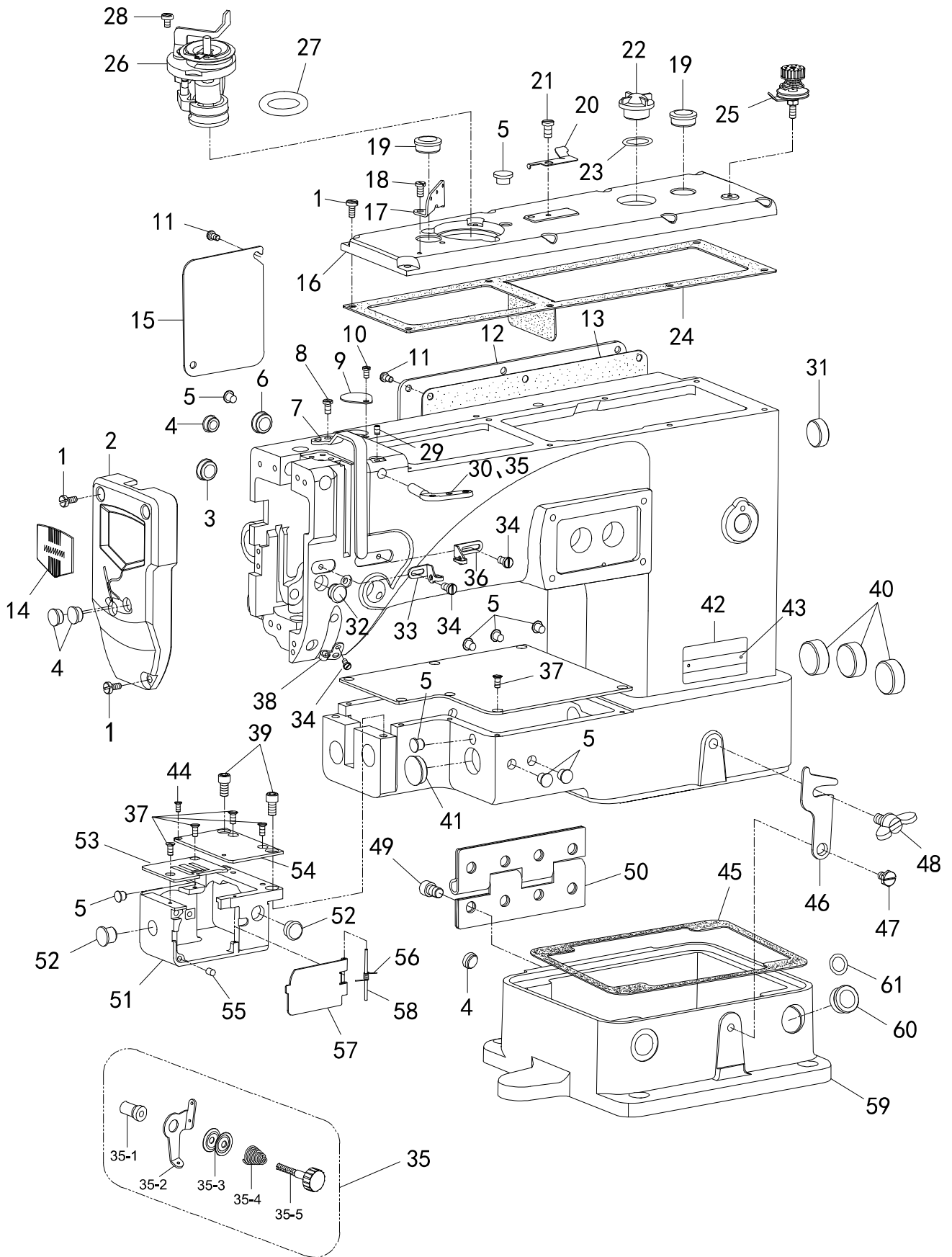
14. TROUBLESHOOTING CHART

Problem	Cause	Solution
Needle thread breaks	<ol style="list-style-type: none"> 1. Is machine properly threaded ? 2. Are thread guides or tension disc area lint-free? 3. Is needle-thread tension too tight? 4. Is needle bent or have a blunt point? 5. Is needle inserted correctly? 6. Is needle the correct size for thread and fabric? 7. Is thread free of slubs and knots? 	<ol style="list-style-type: none"> 1. Correct needle threading 2. Remove lint and fluff in bobbin case and hook 3. Adjust needle thread tension 4. Replace the new needle 5. Insert needle correctly 6. Select proper needle size and thread 7. Remove slubs and knots
Bobbin thread breaks	<ol style="list-style-type: none"> 1. Is bobbin threading correct? 2. Is thread tangled or caught? 3. Is thread tension correct? 4. Does bobbin rotate smoothly? 	<ol style="list-style-type: none"> 1. Correct bobbin threading 2. Untangle thread from bobbin case thread tension 3. Adjust needle and bobbin case thread tension 4. Check whether bobbin thread is wound correctly
Stitches skip	<ol style="list-style-type: none"> 1. Is needle inserted correctly? 2. Is needle bent or have blunt needle point? 3. Is size of needle and thread suitable for fabric? 4. Is threading correct? 	<ol style="list-style-type: none"> 1. Insert needle correctly 2. Replace the new needle 3. Select proper needle size and thread 4. Correct needle threading
Needle breaks	<ol style="list-style-type: none"> 1. Is needle properly inserted? 2. Is needle bent? 3. Is needle the correct size for the fabric? 4. Is needle clamping screw loose? 5. Is the fabric pulled while sewing? 	<ol style="list-style-type: none"> 1. Insert needle correctly 2. Replace the new needle 3. Select proper needle and thread for fabric 4. Tighten needle set screw 5. Do not pull fabric while sewing
Fabric fails to feed	<ol style="list-style-type: none"> 1. Is feed regulating dial properly adjusted? 2. Is presser foot pressure adjusted properly? 	<ol style="list-style-type: none"> 1. Lengthen stitch length by feed regulating dial 2. Increase presser foot pressure
Fabric puckers	<ol style="list-style-type: none"> 1. Is needle threading correct? 2. Is needle point blunt? 3. Is thread tension too tight? 	<ol style="list-style-type: none"> 1. Correct needle threading 2. Replace the new needle 3. Adjust needle tension properly
Rotating heavy noisy	<ol style="list-style-type: none"> 1. Is there any lint or fluff on feed dog? 2. Is there any lint in rotating hook? 	<ol style="list-style-type: none"> 1. Remove lint and fluff from feed dog 2. Remove lint and fluff from rotating hook
Machine fails to start	<ol style="list-style-type: none"> 1. Are electrical plugs properly connected? 2. Is power and light switch turned on? 	<ol style="list-style-type: none"> 1. Connect plug to power source 2. Turn on power switch

Parts Manual



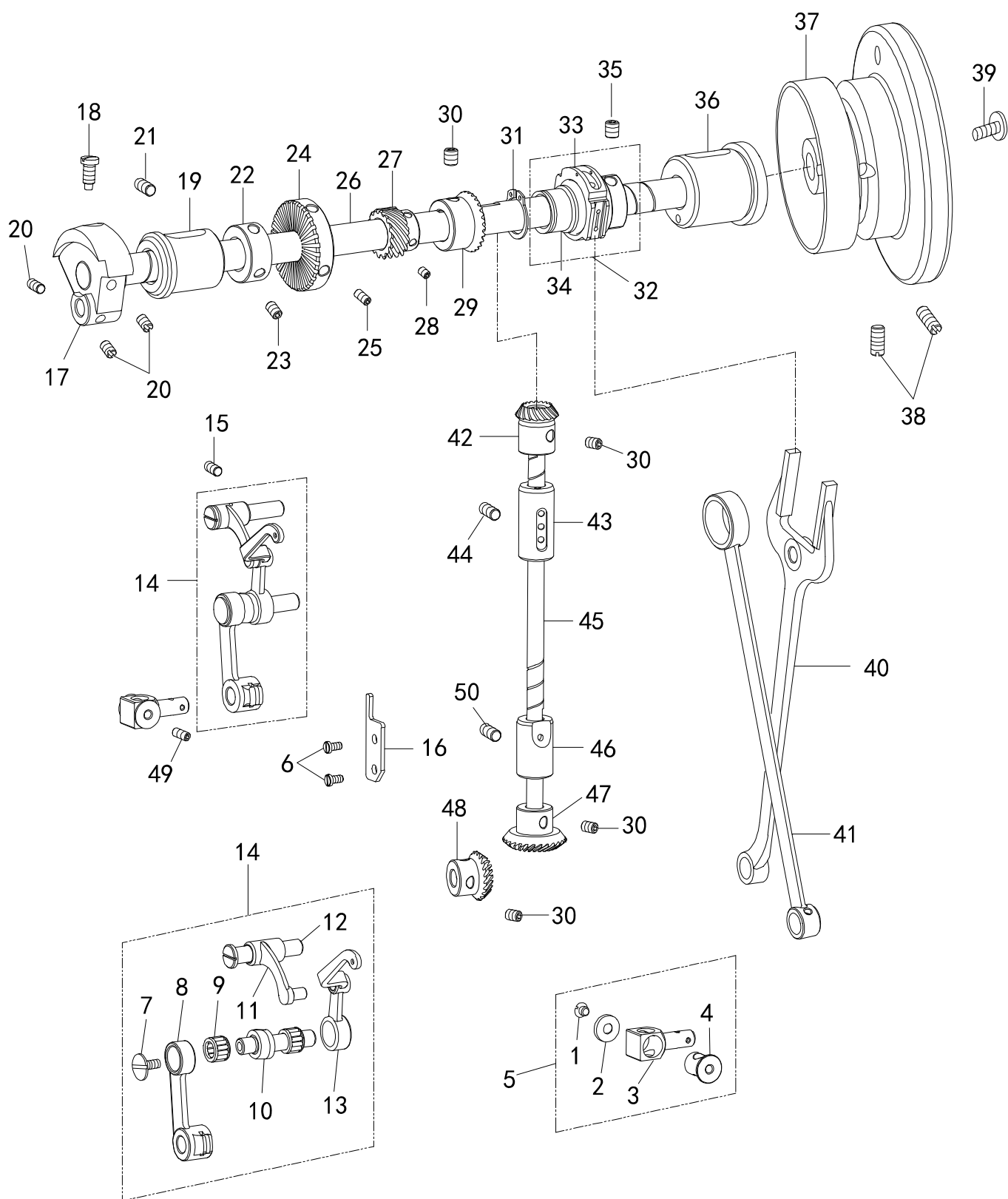
1. 机壳分组件/Machine body



1. 机壳分组件/Machine body

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 1-01	螺丝11/64-40 L=10	Screw 11/64-40 L=10	11
2	G2630 1-02	面板	Face plate	1
3	G2630 1-03	橡皮塞	Rubber plug Ø10.8x5	1
4	G2630 1-04	橡皮塞	Rubber plug Ø11.8x5	3
5	G2630 1-05	橡皮塞	Rubber plug Ø8.8x5	10
6	G2630 1-06	橡皮塞	Rubber plug Ø15.5x5	1
7	G2630 1-07	挑线杆防护罩	Thread take-up lever cover	1
8	G2630 1-08	螺丝11/64-40 L=8	Screw 11/64-40 L=8	2
9	G2630 1-09	挡板	Plate	1
10	G2630 1-10	螺丝11/64-40 L=5	Screw 11/64-40 L=5	1
11	G2630 1-11	螺丝3/16-28 L=9	Screw 3/16-28 L=9	10
12	G2630 1-12	后窗板	Side plate	1
13	G2630 1-13	后窗板垫	Gasket	1
14	G2630 1-14	面板贴	Face plate	1
15	G2630 1-15	侧板	Side plate	1
16	G2630 1-16	顶盖	Top_cover	1
17	G2630 1-17	三孔线勾	Thread retainer	1
18	G2630 1-18	螺丝3/16-28 L=6	Screw 3/16-28 L=6	1
19	G2630 1-19	橡皮塞	Rubber plug Ø18.8x6	2
20	G2630 1-20	割线刀	Cutter	1
21	G2630 1-21	螺丝3/16-28 L=6	Screw 3/16-28 L=6	1
22	G2630 1-22	油窗	Oil sight window	1
23	G2630 1-23	油窗O型圈	Rubber ring	1
24	G2630 1-24	顶盖垫	Top_cover_packing	1
25	G2630 1-25	底线夹线器	Bobbin thread tension	1
26	G2630 1-26	绕线器	Bobbin winder	1
27	G2630 1-27	绕线器O型圈	Rubber ring	1
28	G2630 1-28	螺钉3/16-32 L=7	Screw 3/16-32 L=7	3
29	G2630 1-29	螺丝11/64-40 L=6	Screw 11/64-40 L=6	1
30	G2630 1-30	三眼线勾	Thread retainer	1
31	G2630 1-31	橡皮塞	Rubber plug Ø22.3x7	1
32	G2630 1-32	橡皮塞	Rubber plug Ø12.8x7.5	1
33	G2630 1-33	左线勾	Thread guide	1
34	G2630 1-34	螺丝9/64-40 L=7	Screw 9/64-40 L=7	3
35	G2630 1-35	小夹线器组件	Thread guide assy	1
35-1	G2630 1-35-1	螺母	Pre-tension nut	1
35-2	G2630 1-35-2	过线板	Thread guide	1
35-3	G2630 1-35-3	夹线板	Tension disc	2
35-4	G2630 1-35-4	弹簧	Tension spring	1
35-5	G2630 1-35-5	调压螺丝	Adjusting screw	1
36	G2630 1-36	右线勾	Arm thread guide-Right	1
37	G2630 1-37	螺丝M4 L=7	Screw M4 L=7	11
38	G2630 1-38	下线勾	Thread guide	1
39	G2630 1-39	螺钉M6	L=12 Screw M6 L=12	2
40	G2630 1-40	橡皮塞	Rubber plug Ø27x9	3
41	G2630 1-41	橡皮塞	Rubber plug Ø22.3x7	1
42	G2630 1-42	型号牌	Model plate	1
43	G2630 1-43	型号牌铆钉	Pole	2
44	G2630 1-44	螺丝9/64-40 L=5	Screw 9/64-40 L=5	1
45	G2630 1-45	中座垫	Gasket	1
46	G2630 1-46	底座销勾	Latch	1
47	G2630 1-47	螺丝15/64-28	Hinge Screw 15/64-28	1
48	G2630 1-48	蝶形螺钉M8 L=14	Screw M8 L=14	1
49	G2630 1-49	螺钉M8 L=11	Screw M8 L=11	1
50	G2630 1-50	铰链	Hinge	1
51	G2630 1-51	梭座	Hook base	1
52	G2630 1-52	橡皮塞	Rubber plug Ø12.8x7.5	2
53	G2630 1-53	针板	Needle plate	1
54	G2630 1-54	梭座右盖板	Cover plate	1
55	G2630 1-55	磁钢	Magnetic steel	1
56	G2630 1-56	梭盖复位簧	Reset spring	1
57	G2630 1-57	梭座盖板	Hook base cover plate	1
58	G2630 1-58	盖板销	Axle pin	1
59	G2630 1-59	底座	Base	1
60	G2630 1-60	油窗	Oil sight window	1
61	G2630 1-61	油窗O型圈	Rubber ring	1

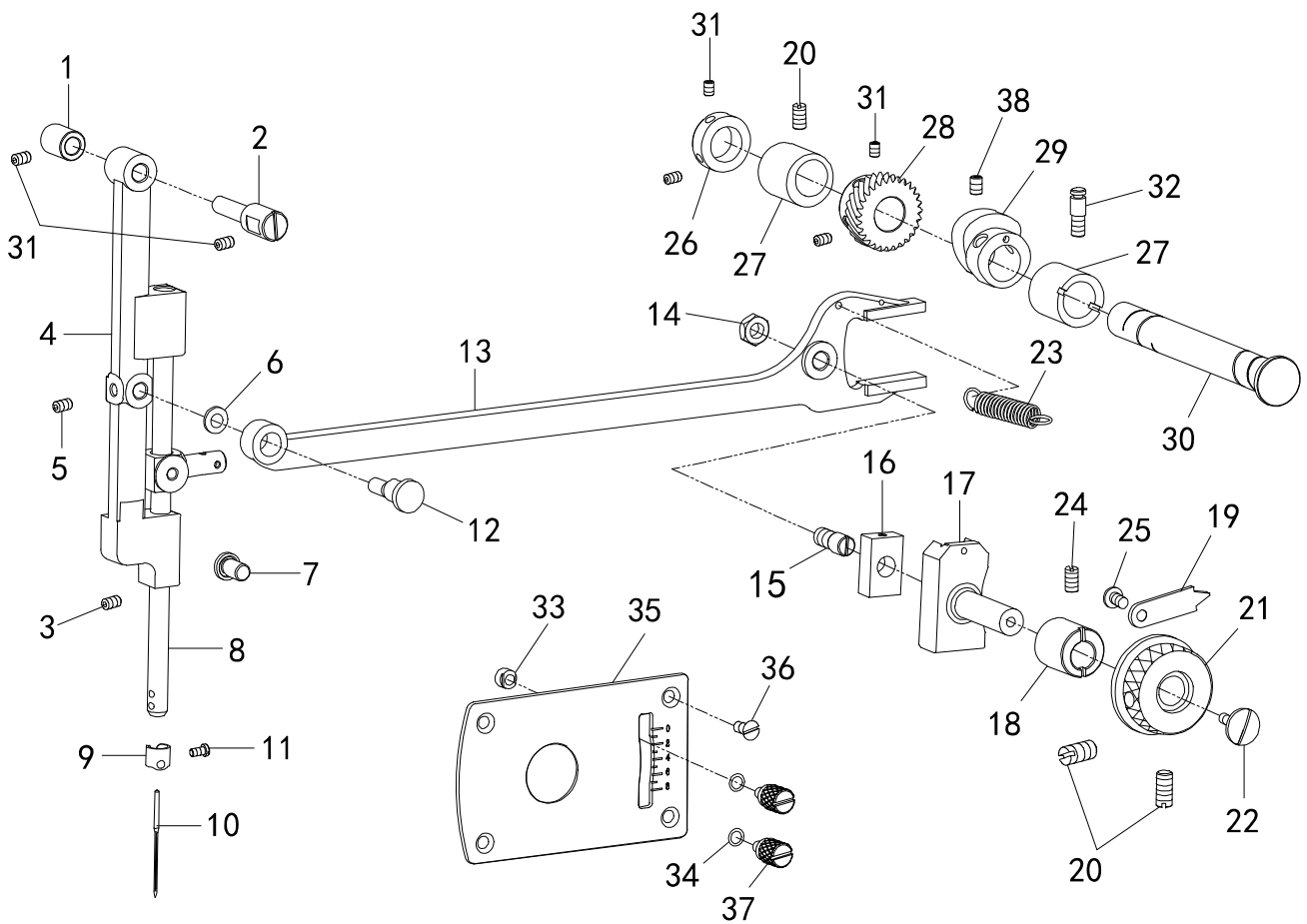
2. 上轴. 竖轴. 挑线机构/Upper shaft mechanism



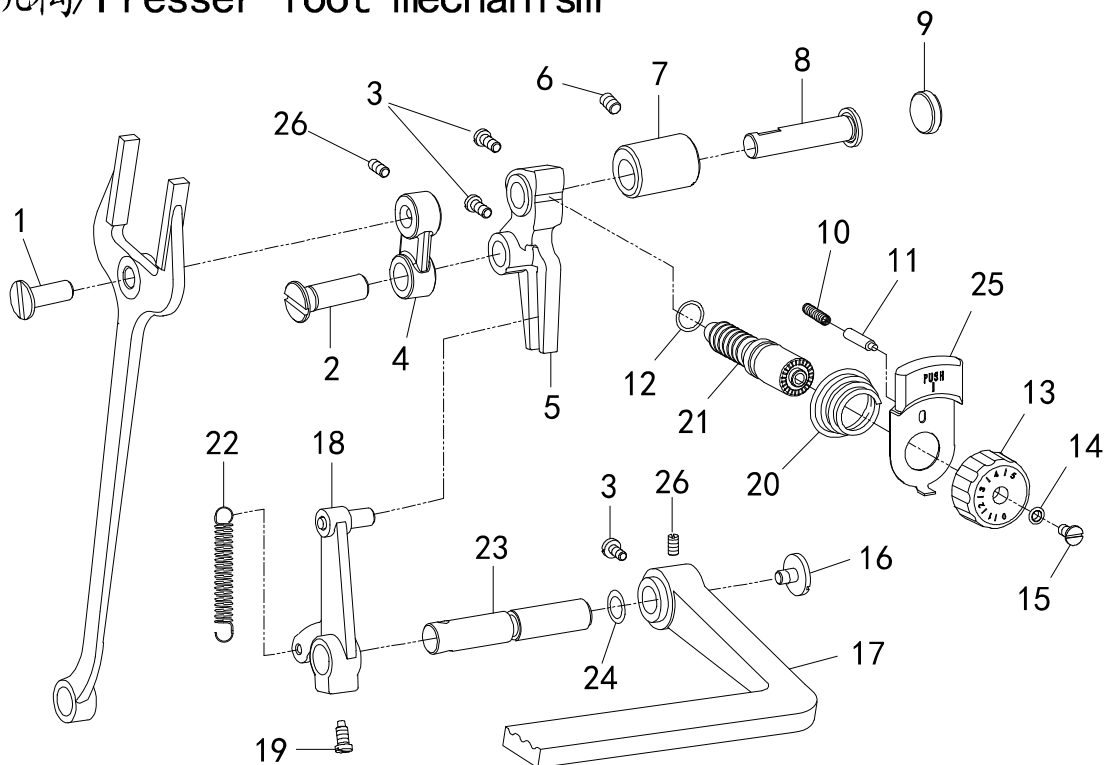
2. 上轴. 竖轴. 挑线机构/Upper shaft mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 2-01	螺丝 11/64-40 L=3.5	Screw 11/64-40 L=3.5	1
2	G2630 2-02	垫片	Washer	1
3	G2630 2-03	针杆接头	Needle bar clamp	1
4	G2630 2-04	针杆接头销	Bush	1
5	G2630 2-05	针杆接头组件	Needle bar clamp assy	1
6	G2630 2-06	螺丝 11/64-40 L=6	Screw 11/64-40 L=6	2
7	G2630 2-07	反牙螺丝 9/64-40 L=4.8	End screw left 9/64-40 L=4.8	1
8	G2630 2-08	针杆连杆	Needle bar crank rod	1
9	G2630 2-09	滚针轴承	Needle bearing	1
10	G2630 2-10	挑线曲柄	Needle bar crank	1
11	G2630 2-11	挑线连杆	Thread take-up bar	1
12	G2630 2-12	挑线连杆销	Thread take-up crank shaft	1
13	G2630 2-13	挑线连杆分组件	Thread take-up lever	1
14	G2630 2-14	挑线杆组件	Thread take-up lever ASM	1
15	G2630 2-15	螺丝15/64-28 L=13	Screw 15/64-28 L=13	1
16	G2630 2-16	针杆连杆导位块	Needle bar link guide	1
17	G2630 2-17	针杆曲柄	Thread take-up crank	1
18	G2630 2-18	针杆曲柄定位螺丝9/32x28	Screw SM9/32x28	1
19	G2630 2-19	上轴前套	Upper shaft bush (front)	1
20	G2630 2-20	螺丝1/4-40 L=7	Screw 1/4-40 L=7	3
21	G2630 2-21	螺丝15/64-28 L=13	Screw 15/64-28 L=13	1
22	G2630 2-22	上轴挡圈	Collar	1
23	G2630 2-23	螺丝1/4-40 L=8	Screw 1/4-40 L=8	2
24	G2630 2-24	绕线摩擦轮	Friction wheel	1
25	G2630 2-25	螺丝11/64-40 L=6	Screw 11/64-40 L=6	2
26	G2630 2-26	上轴	Upper shat	1
27	G2630 2-27	摆针传动齿轮(上)	Bevel gear (small)	1
28	G2630 2-28	螺丝11/64-40 L=4	Screw 11/64-40 L=4	2
29	G2630 2-29	上轴齿轮 Z=3	Upper shaft bevel gear	1
30	G2630 2-30	螺丝1/4-40 L=6	Screw 1/4-40 L=6	2
31	G2630 2-31	轴用挡圈	Retaining ring	1
32	G2630 2-32	送布偏心轮组件	Feed eccentric cam ASM	1
33	G2630 2-33	牙叉滑块	Silde rlock	1
34	G2630 2-34	抬牙送布偏心轮	Feed eccentric cam	1
35	G2630 2-35	螺丝15/64-28 L=8	Screw 15/64-28 L=8	2
36	G2630 2-36	上轴后套	Upper shaft bush (rear)	1
37	G2630 2-37	上轮	Hand wheel	1
38	G2630 2-38	上轮螺丝15/64-28 L=13	Screw 15/64-28 L=13	2
39	G2630 2-39	螺丝11/32-28 L=13	Screw SM11/32-28 L=13	1
40	G2630 2-40	送布传动牙叉	Feed dog fork	1
41	G2630 2-41	抬牙连杆	Connecting rod	1
42	G2630 2-42	竖轴上齿轮 Z=22	Vertical shaft bevel gear (upper)	1
43	G2630 2-43	竖轴上套	vertical shaft bush (upper)	1
44	G2630 2-44	螺丝15/64-28 L=6	Screw 15/64-28 L=6	1
45	G2630 2-45	竖轴	vertical shaft	1
46	G2630 2-46	竖轴下套	vertical shaft bush (lower)	1
47	G2630 2-47	竖轴下齿轮 Z=28	Vertical shaft bevel gear (lower)	1
48	G2630 2-48	下轴右齿轮 Z=21	Lower shaft bevel gear	1
49	G2630 2-49	螺丝11/64-40 L=6	Set Screw 11/64-40 L=6	1
50	G2630 2-50	螺丝15/64-28 L=10	Screw 15/64-28 L=10	1

3. 摆针机构/ Needle bar components



4. 缝目调节机构/Presser foot mechanism



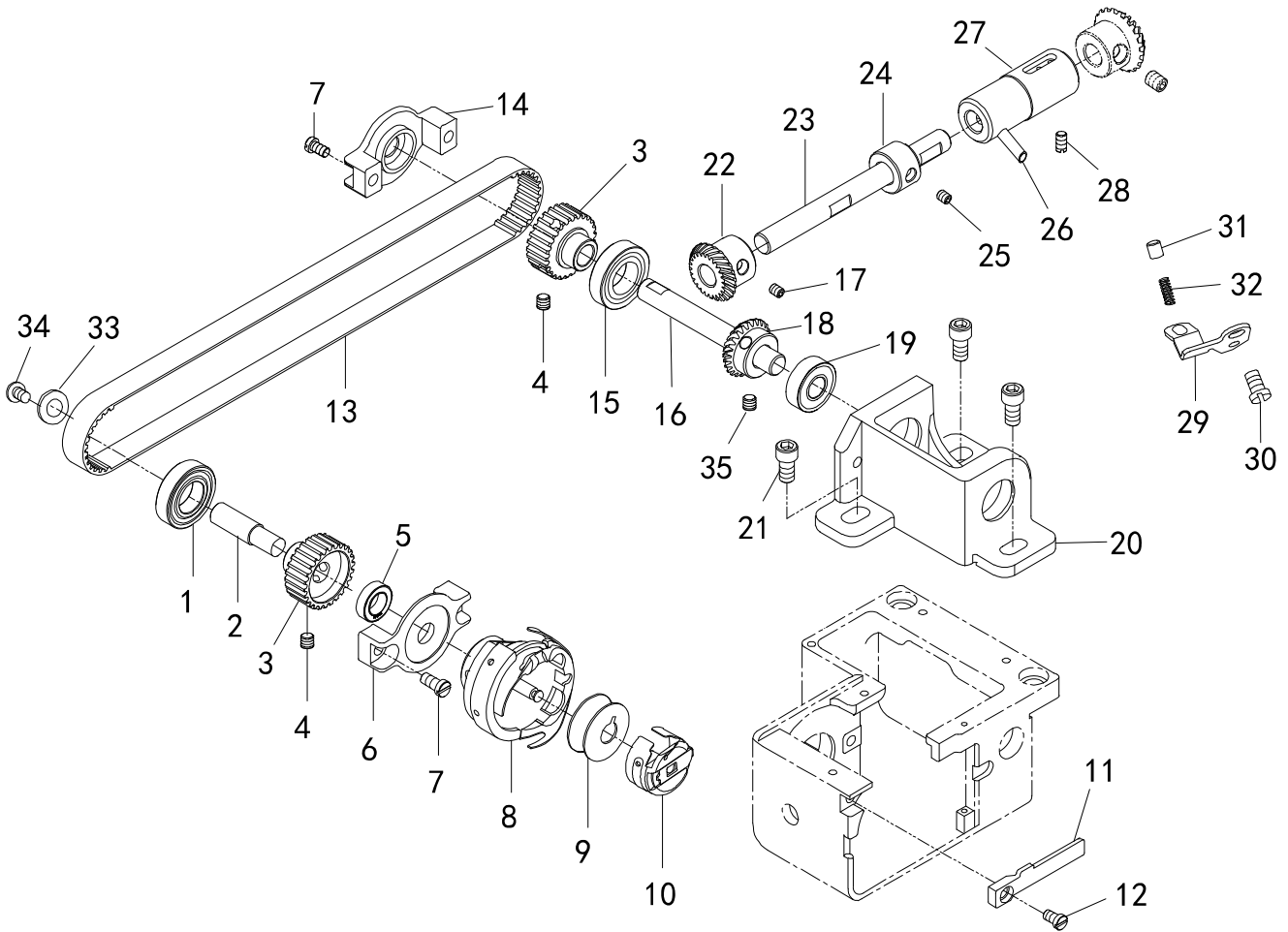
3. 摆针机构/Needle bar components

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 3-01	摆针架悬吊轴套	Needle bar frame pin bush	1
2	G2630 3-02	摆针架悬吊轴	Needle bar frame pin	1
3	G2630 3-03	螺丝11/64-40 L=6	Screw 11/64-40 L=6	1
4	G2630 3-04	摆针架	Needle bar frame	1
5	G2630 3-05	螺丝11/64-40 L=6	Screw 11/64-40 L=6	1
6	G2630 3-06	垫片W5*10*1 Washer	W5*10*1 Washer	1
7	G2630 3-07	摆针架下挡套	Needle bar frame position	1
8	G2630 3-08	针杆	Needle bar	1
9	G2630 3-09	针杆过线环	Needle bar thread guide	1
10	G2630 3-10	机针	Needle	1
11	G2630 3-11	螺丝 1/8-44 L=4.5	1/8-44 L=4.5	1
12	G2630 3-12	偏心销	Pin	1
13	G2630 3-13	摆针传动二叉	Feed dog fork	1
14	G2630 3-14	螺母 9/32-28 L=4	Nut 9/32-28 L=4	1
15	G2630 3-15	传动二叉滑块轴	Screw 9/32-28	1
16	G2630 3-16	传动二叉滑块	Slide block	1
17	G2630 3-17	传动二叉滑块座	Regulator	1
18	G2630 3-18	传动二叉滑块座套	Regulator bush	1
19	G2630 3-19	摆幅指针	Jndicalor	1
20	G2630 3-20	螺丝15/64-28 L=10	Screw 15/64-28 L=10	1
21	G2630 3-21	摆幅手转轮	Dial	1
22	G2630 3-22	螺丝3/16-28 L=8	Screw 11/64-40 L=8	1
23	G2630 3-23	摆针传动二叉拉簧	Spring holder	1
24	G2630 3-24	螺丝15/64-28 L=11	Screw 15/64-28 L=11	1
25	G2630 3-25	螺丝11/64-40 L=7	Screw 11/64-40 L=7	1
26	G2630 3-26	摆针传动轴挡圈	Collar	1
27	G2630 3-27	摆针传动轴套	Bush	2
28	G2630 3-28	摆针传动齿轮(下)	Bevel gear(big)	1
29	G2630 3-29	摆针传动偏心轮	Cam	1
30	G2630 3-30	摆针传动轴	Shaft	1
31	G2630 3-31	螺丝11/64-40 L=4	Screw 11/64-40 L=4	4
32	G2630 3-32	挂簧螺丝15/64-28	15/64-28	1
33	G2630 3-33	螺母11/64-40 L=3.5	11/64-40 L=3.5	2
34	G2630 3-34	O型圈 Rubber ring	Rubber ring	2
35	G2630 3-35	摆幅指示板	Graduated plate	1
36	G2630 3-36	螺丝11/64-40 L=7	Screw 11/64-40 L=7	4
37	G2630 3-37	压花螺丝11/64-40	11/64-40	2
38	G2630 3-38	螺丝 15/64-28 L=7	Screw 15/64-28 L=7	2

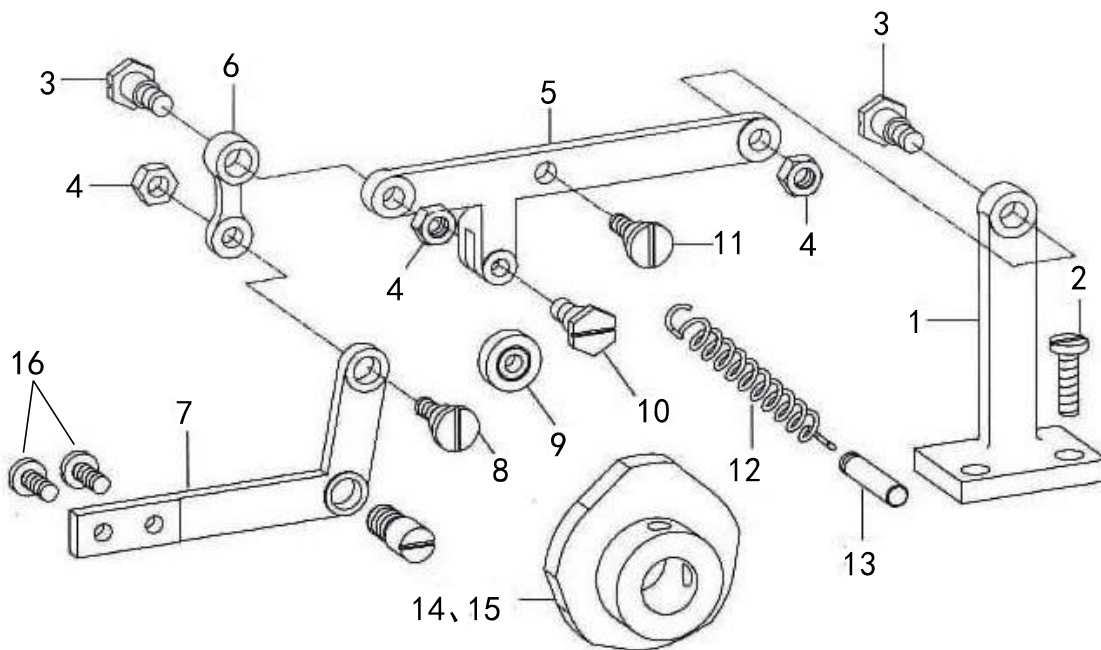
4. 缝目调节机构/Presser foot mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 4-01	牙叉铰链轴	Pin	1
2	G2630 4-02	针距连杆铰链轴	Pin	1
3	G2630 4-03	螺丝15/64-28 L=8	Screw 15/64-28 L=8	3
4	G2630 4-04	针距连杆	Feed connecting link	1
5	G2630 4-05	针距调节摆杆	Feed regulator (forked)	1
6	G2630 4-06	螺丝15/64-28 L=13	Screw 15/64-28 L=13	1
7	G2630 4-07	针距调节摆杆轴套	Eccentric bushing	1
8	G2630 4-08	针距调节摆杆轴	Pin	1
9	G2630 4-09	橡皮塞	Rubber plug Ø19.8x4	1
10	G2630 4-10	止动销弹簧	Feed spring	1
11	G2630 4-11	止动销	Feed regulating stud lock	1
12	G2630 4-12	O型圈	Rubber ring	1
13	G2630 4-13	针距标盘	Length control plate	1
14	G2630 4-14	针距标盘垫片	Washer	1
15	G2630 4-15	螺丝3/16-28 L=15	Screw 3/16-28 L=15	1
16	G2630 4-16	螺丝3/16-28 L=7	Screw 3/16-28 L=7	1
17	G2630 4-17	倒缝扳手	Reverse feed control lever	1
18	G2630 4-18	倒缝操纵曲柄	Reverse feed crank	1
19	G2630 4-19	螺丝15/64-28	Screw 15/64-28	1
20	G2630 4-20	针距按钮簧	Spring	1
21	G2630 4-21	针距调节螺杆	Feed regulating stud	1
22	G2630 4-22	复位簧	Reset spring	1
23	G2630 4-23	倒缝操纵杆轴	Reverse feed control shaft	1
24	G2630 4-24	O型圈	Rubber ring	1
25	G2630 4-25	针距按钮	Washer	1
26	G2630 4-26	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	2

5. 下轴. 梭轴机构/ Hook mechanism



6. 多点摆针机构/3&4 points mechanism



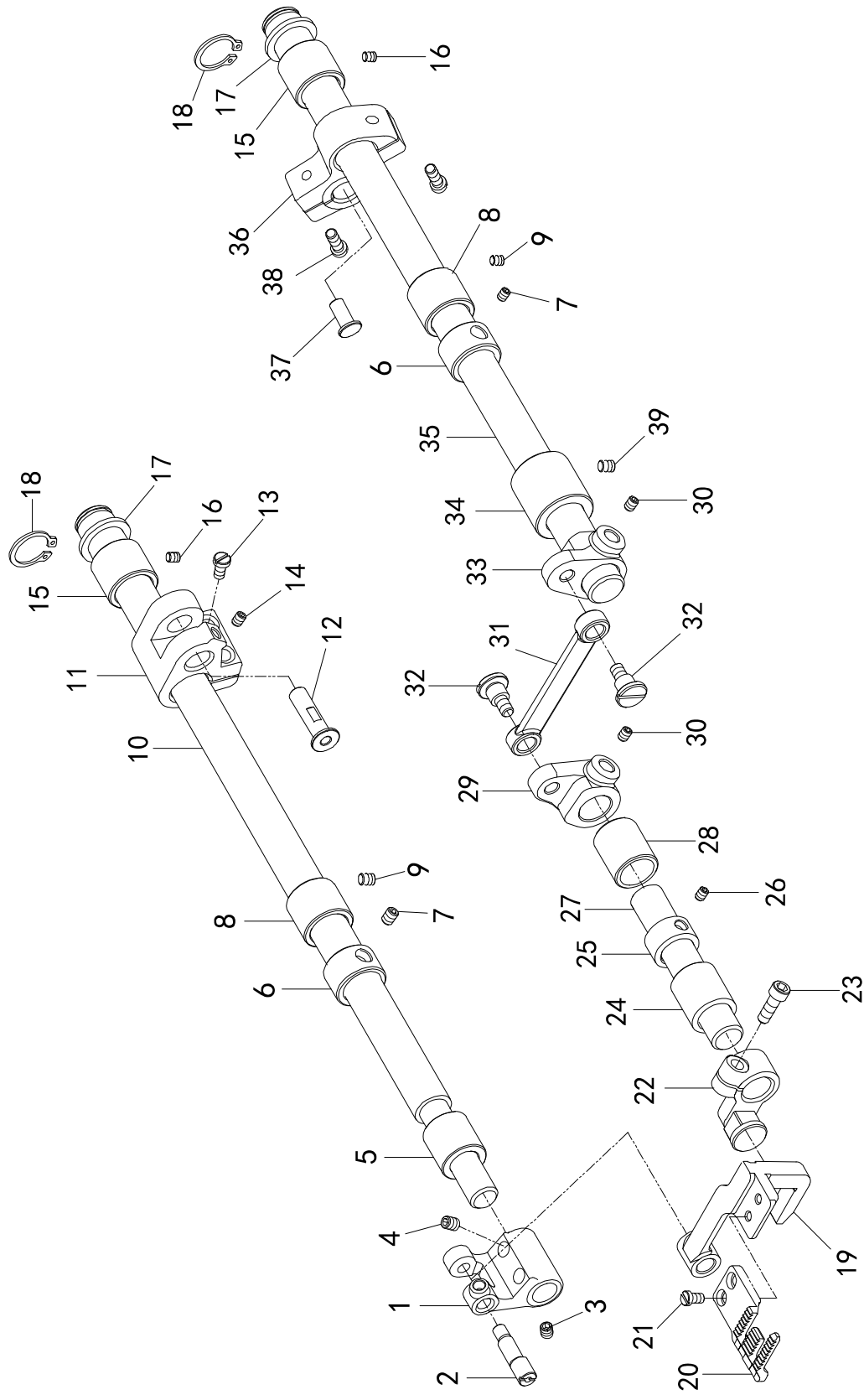
5. 下轴. 梭轴机构/Hook mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 5-01	轴承	Ball bearing	1
2	G2630 5-02	梭轴	Hook shaft	1
3	G2630 5-03	同步带轮	Pully ASM.	2
4	G2630 5-04	螺丝 11/64-40 L=6	Screw 11/64-40 L=6	4
5	G2630 5-05	轴承	Ball bearing	1
6	G2630 5-06	同步带压板左	Ball bearing support	1
7	G2630 5-07	螺丝 M4 L=8	Screw M4 L=8	4
8	G2630 5-08	旋梭	Hook ASM.	1
9	G2630 5-09	梭芯	Bobbin	1
10	G2630 5-10	梭壳	Bobbin case ASM.	1
11	G2630 5-11	定位勾	Positioning finger	1
12	G2630 5-12	定位勾螺丝 9/64-40 L=7	Screw 11/64-40 L=7	1
13	G2630 5-13	同步带	Cog belt	1
14	G2630 5-14	同步带压板右	Ball bearing support	1
15	G2630 5-15	轴承	Ball bearing	1
16	G2630 5-16	同步带轮轴	Pully ASM. shaft	1
17	G2630 5-17	螺丝 1/4-40 L=6	Screw 1/4-40 L=6	2
18	G2630 5-18	同步带轮轴齿轮	Gear	1
19	G2630 5-19	轴承	Ball bearing	1
20	G2630 5-20	同步带转换座	Pully ASM. seat	1
21	G2630 5-21	螺丝 M5 L=12	Screw M5 L=12	3
22	G2630 5-22	下轴左齿轮	Gear	1
23	G2630 5-23	下轴	Lower shaft	1
24	G2630 5-24	下轴挡圈	Collar	1
25	G2630 5-25	螺丝 1/4-40 L=5	Screw 1/4-40 L=5	2
26	G2630 5-26	下轴右套油管	Oil tube	1
27	G2630 5-27	下轴右套	Bush, lower shaft, R	1
28	G2630 5-28	螺丝 15/64-28 L=13	Screw 15/64-28 L=13	1
29	G2630 5-29	挡板 Plate	Plate	1
30	G2630 5-30	螺丝 15/64-28 L=8	Screw 15/64-28 L=8	1
31	G2630 5-31	柱塞	Plunger	1
32	G2630 5-32	柱塞弹簧	Spring	1
33	G2630 5-33	垫片	Washer	1
34	G2630 5-34	反牙螺丝 9/64-40 L=5	Screw 9/64-40 L=5	1

6. 多点摆针机构/3&4 Points mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 6-01	靠轮杆座	Rod seat.	1
2	G2630 6-02	螺丝 M6 L=12	Screw M6 L=12	2
3	G2630 6-03	段螺丝 3/16-32	Screw SM3/16-32	2
4	G2630 6-04	螺母 3/16-32	Nut SM3/16-32	2
5	G2630 6-05	靠轮杆	Bend the wheel.	1
6	G2630 6-06	活动连接杆	Connecting rod	1
7	G2630 6-07	摆针连杆	Feed dog fork	1
8	G2630 6-08	段螺丝 3/16-32	Screw SM3/16-32	1
9	G2630 6-09	滚珠轴承	Ball bearing	1
10	G2630 6-10	段螺丝 M4-0.75 L=6	Screw M4-0.75 L=6	1
11	G2630 6-11	段螺丝 3/16-28	Screw SM3/16-28	1
12	G2630 6-12	拉簧	Spring	1
13	G2630 6-13	拉簧销	Pin	1
14	G2630 6-14	3点式摆针传动偏心轮	3 o'clock needle eccentric wheel	1
15	G2630 6-15	4点式摆针传动偏心轮	4 o'clock needle eccentric wheel	1
16	G2630 6-16	螺丝 M4 L=7	Screw M4 L=7	2

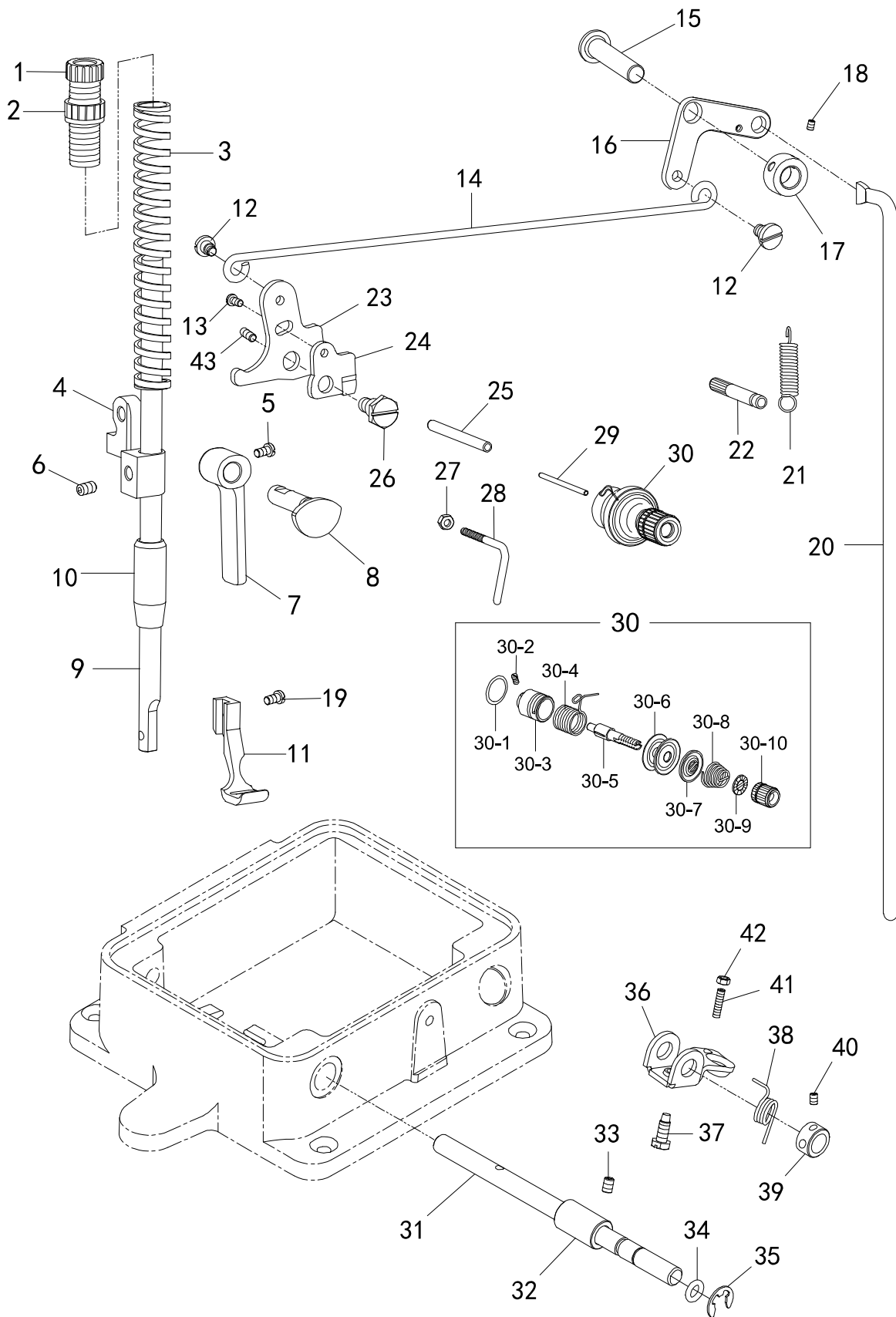
7. 下送布机构/Feed rocking motion mechanism



7. 下送布机构/Feed rocking motion mechanism

序号No.	图号Part No.	名 称	DESCRIPTION	数量 QTY
1	G2630 7-01	牙架曲柄	Feed rock arm	1
2	G2630 7-02	牙架偏心销	Shaft	1
3	G2630 7-03	螺丝 11/64-40 L=6	Screw 11/64-40 L=6	1
4	G2630 7-04	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	2
5	G2630 7-05	送布轴左套	Bush, L	1
6	G2630 7-06	挡圈	Collar	1
7	G2630 7-07	螺丝 1/4-40 L=5	Screw 1/4-40 L=5	4
8	G2630 7-08	送布轴中套	Bush, L	1
9	G2630 7-09	螺丝 15/64-28 L=13	Screw 15/64-28 L=13	1
10	G2630 7-10	送布轴	Feed shaft	1
11	G2630 7-11	送布轴曲柄 (右)	Feed rocker arm	1
12	G2630 7-12	送布轴曲柄铰链轴	Stud	1
13	G2630 7-13	螺丝 11/64-40 L=12	Screw 11/64-40 L=12	2
14	G2630 7-14	螺丝 11/64-40 L=7	Screw 11/64-40 L=7	1
15	G2630 7-15	送布轴右套	Bush, R	1
16	G2630 7-16	螺丝 15/64-28 L=13	Screw 15/64-28 L=13	2
17	G2630 7-17	挡圈	Collar	2
18	G2630 7-18	送布轴轴用挡圈	Retaining ring	2
19	G2630 7-19	牙架	Feed bar	1
20	G2630 7-20	送布齿	Feed dog	1
21	G2630 7-21	螺丝 9/64-40 L=7	Screw 9/64-40 L=7	2
22	G2630 7-22	抬牙左曲柄组件	Feed lifting arm	1
23	G2630 7-23	螺丝 11/64-40 L=14	Screw 11/64-40 L=14	1
24	G2630 7-24	抬牙副轴左套	Bush, L	1
25	G2630 7-25	挡圈	Collar	1
26	G2630 7-26	螺丝 1/4-40 L=4	Screw 1/4-40 L=5 L=4	2
27	G2630 7-27	抬牙副轴	Shaft	1
28	G2630 7-28	抬牙副轴右套	Bush, R	1
29	G2630 7-29	抬牙副轴右曲柄	Feed ifting arm	1
30	G2630 7-30	螺丝 15/64-28 L=8	Screw 15/64-28 L=8	2
31	G2630 7-31	连杆	Link	1
32	G2630 7-32	段螺丝 1/4-40	Screw SM1/4-40	2
33	G2630 7-33	抬牙左曲柄	Feed ifting arm, L	1
34	G2630 7-34	抬牙轴左套	Bush, L	1
35	G2630 7-35	抬牙轴	Shaft	1
36	G2630 7-36	抬牙轴右曲柄	Feed ifting arm, R	1
37	G2630 7-37	抬牙轴曲柄铰链轴	Pin	1
38	G2630 7-38	螺丝 3/16-28 L=16	Screw SM3/16-28 L=16	2
39	G2630 7-39	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	1

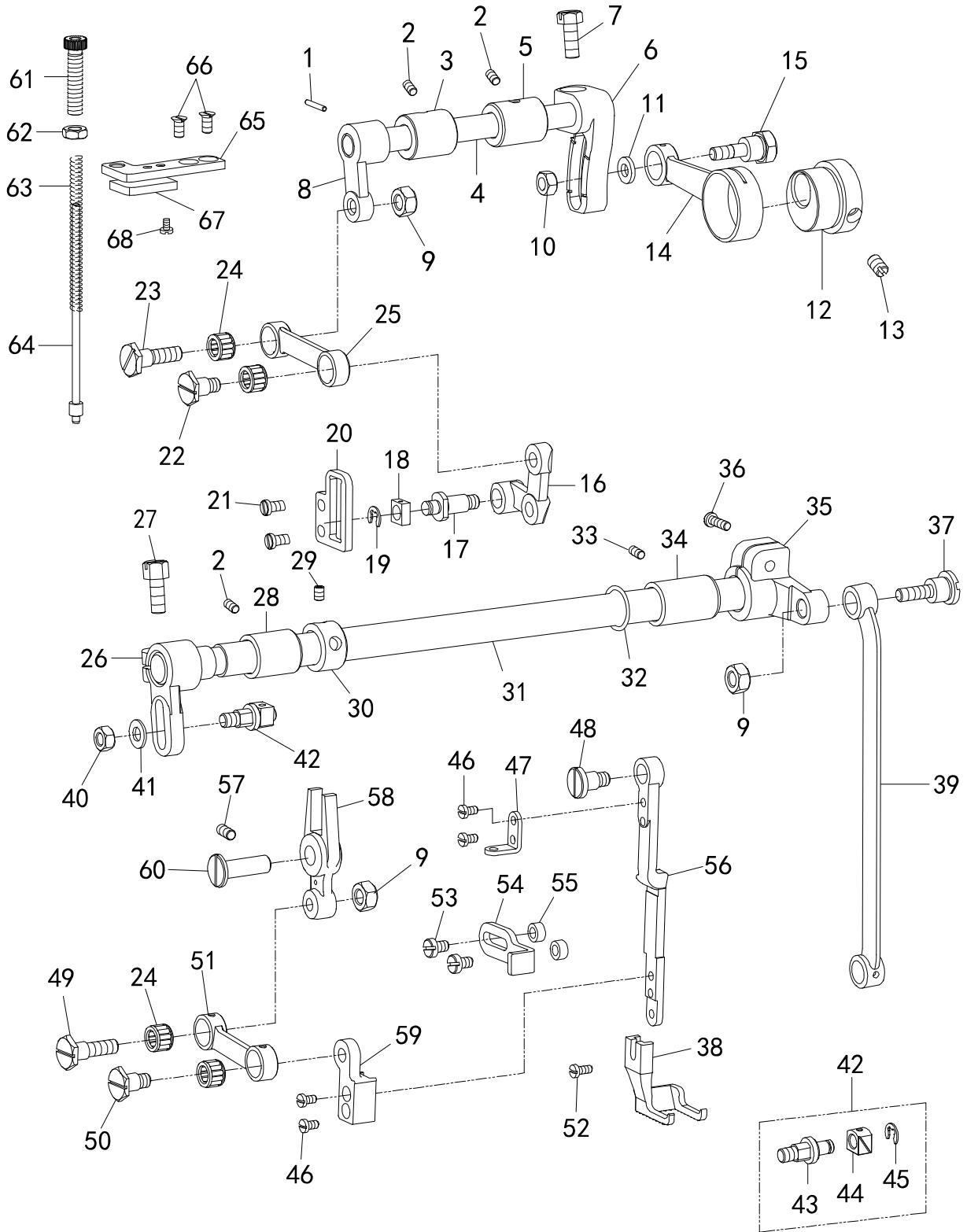
8. 抬压脚机构/Presser foot mechanism



8. 抬压脚机构/Presser foot mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 8-01	调压螺丝	Adjusting screw	1
2	G2630 8-02	调压螺母	Nut	1
3	G2630 8-03	压簧	Spring, compression	1
4	G2630 8-04	压杆导架	Guide bracket	1
5	G2630 8-05	螺丝 1/4-40 L=8	Screw 1/4-40 L=8	1
6	G2630 8-06	螺丝 15/64-28 L=8	Screw 15/64-28 L=8	1
7	G2630 8-07	抬压扳手	Presser bar lifter	1
8	G2630 8-08	压脚扳手凸轮部件	Lifter crank	1
9	G2630 8-09	压杆	Presser bar	1
10	G2630 8-10	压杆下套	Bush	1
11	G2630 8-11	内压脚	Presser foot ,inside	1
12	G2630 8-12	螺丝 3/16-28 L=8.5	Screw 3/16-28 L=8.5	2
13	G2630 8-13	螺丝 11/64-40 L=6.5	Screw 11/64-40 L=6.5	1
14	G2630 8-14	抬压脚拉杆	Collecting rod	1
15	G2630 8-15	后杠杆轴	Pin	1
16	G2630 8-16	抬压脚后杠杆	Lever	1
17	G2630 8-17	挡圈	Collar	1
18	G2630 8-18	螺丝 11/64-40 L=4	Screw 11/64-40 L=4	2
19	G2630 8-19	螺丝 9/64-40 L=7	Screw 9/64-40 L=7	2
20	G2630 8-20	抬压脚顶杆	Knee lifter bar	1
21	G2630 8-21	复位拉簧	Spring	1
22	G2630 8-22	拉簧销	Spring pin	1
23	G2630 8-23	膝控提升杠杆(左)	Lifter lever	1
24	G2630 8-24	松线凸轮	Guide plate	1
25	G2630 8-25	夹线松线杆	Tension release stud	1
26	G2630 8-26	段螺丝 15/64-28 L=7.5	Screw SM15/64-28 L=7.5	1
27	G2630 8-27	螺母 9/64-40 L=3	Nut 9/64-40 L=3	1
28	G2630 8-28	沙拉过线	Arm thread guide C	1
29	G2630 8-29	松线辅钉	Tension release pin	1
30	G2630 8-30	夹线器组件	Thread tension bracket assy.	1
30-1	G2630 8-30-1	夹线器组件O型圈	O ring	1
30-2	G2630 8-30-2	夹线器组件螺钉	Set screw	1
30-3	G2630 8-30-3	夹线器组件调节座	Thread tension bracket	1
30-4	G2630 8-30-4	夹线器组件挑线簧	Thread take-up spring	1
30-5	G2630 8-30-5	夹线器组件夹线螺钉	Tension stud	1
30-6	G2630 8-30-6	夹线器组件夹线板	Disc, tension	2
30-7	G2630 8-30-7	夹线器组件松线板	Disc, presser	1
30-8	G2630 8-30-8	夹线器组件夹线弹簧	Tension spring	1
30-9	G2630 8-30-9	夹线器组件止动板	Stopper	1
30-10	G2630 8-30-10	夹线器组件夹线螺母	Tension nut	1
31	G2630 8-31	膝控轴	Lifter shaft	1
32	G2630 8-32	膝控轴套	Lifter shaft bush	1
33	G2630 8-33	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	1
34	G2630 8-34	O型圈	Rubber ring	1
35	G2630 8-35	开口卡簧E10	E10 Snap ring	1
36	G2630 8-36	抬压脚曲柄	Bracket	1
37	G2630 8-37	曲柄螺丝	Screw	1
38	G2630 8-38	曲柄扭簧	Spring	1
39	G2630 8-39	挡圈	Collar	1
40	G2630 8-40	螺丝 15/64-28 L=30	Screw 15/64-28 L=30	2
41	G2630 8-41	螺丝	Adjusting screw	1
42	G2630 8-42	螺母	Adjusting nut	1
43	G2630 8-43	螺丝 15/64-28 L=8	Screw 15/64-28 L=8	1

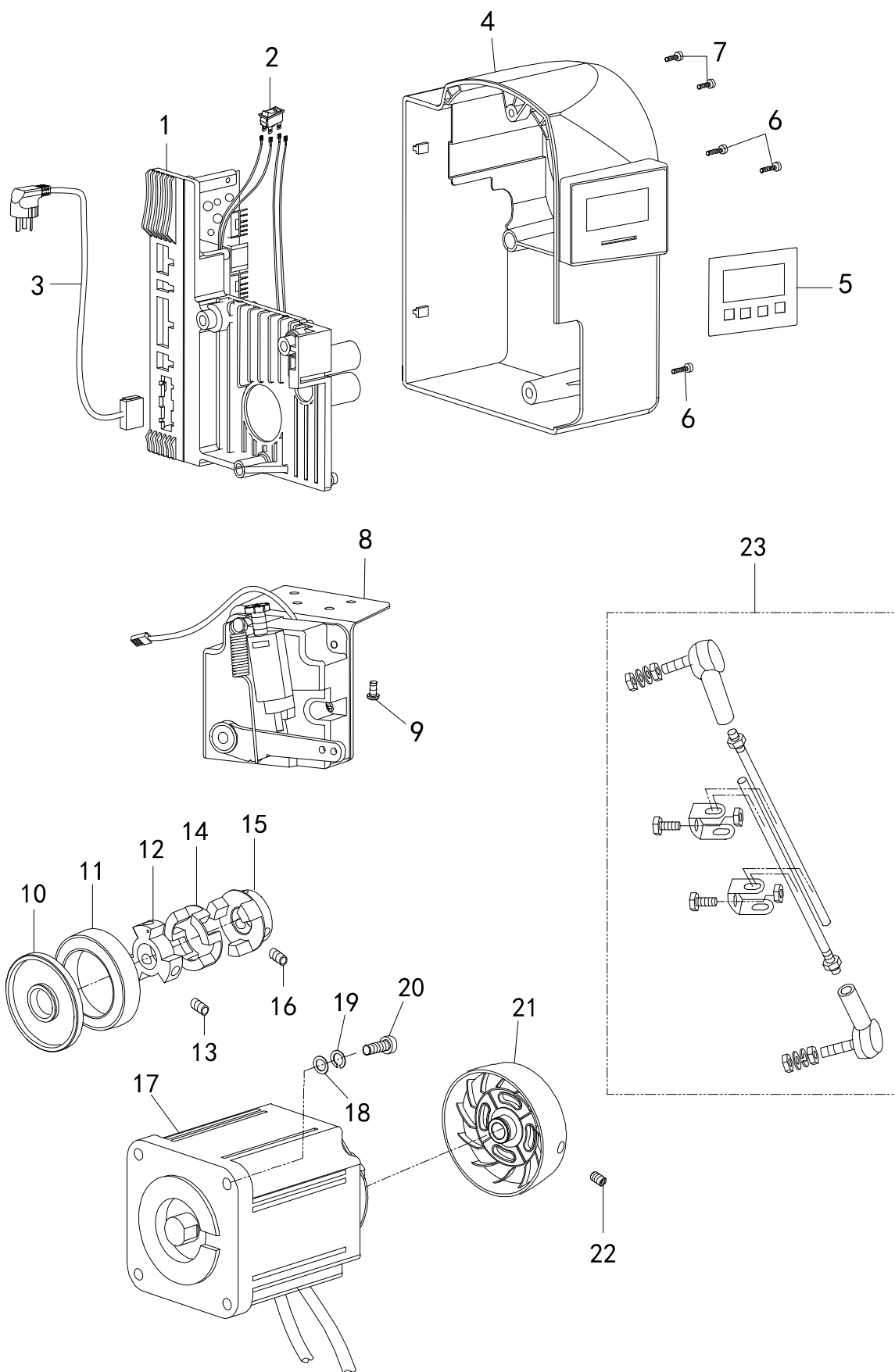
9. 上送料机构/Upper feed mechanism



9. 上送料机构/Upper feed mechanism

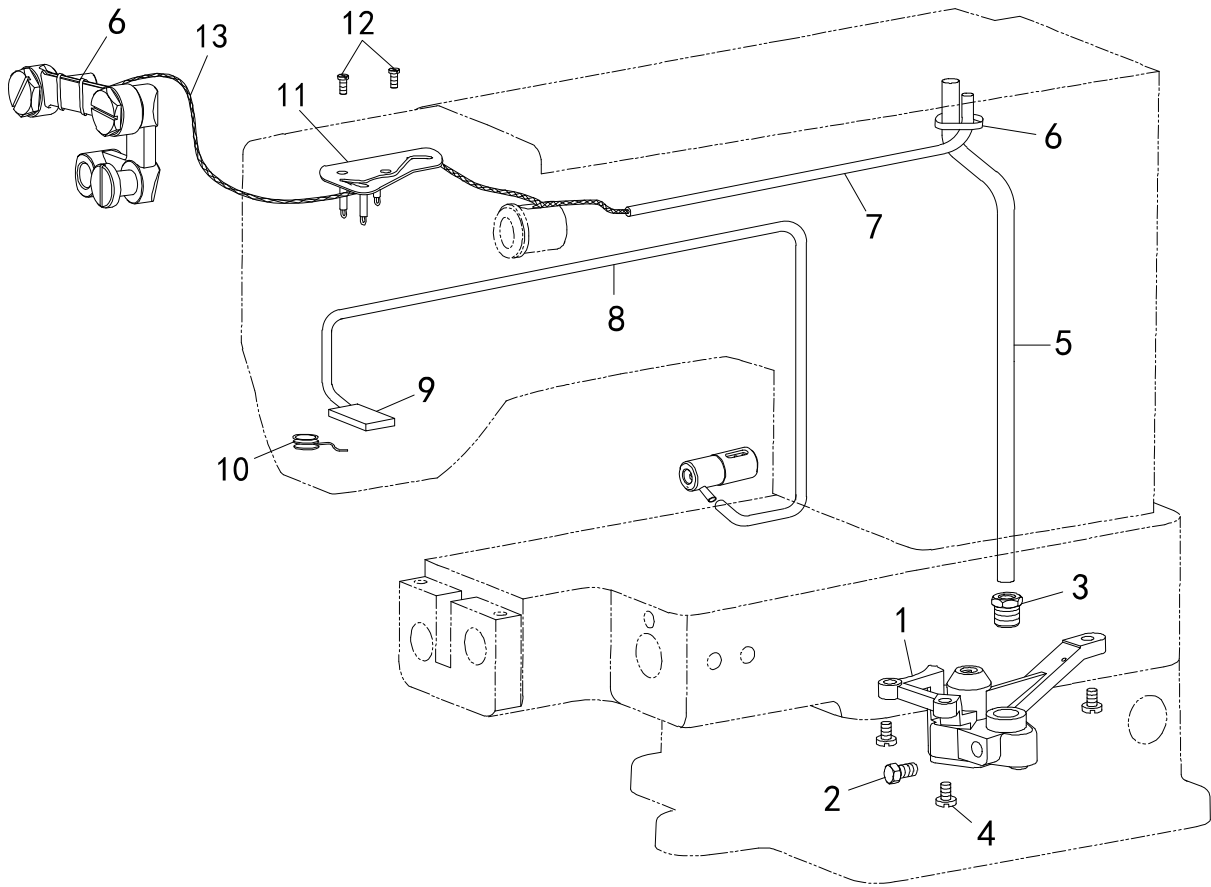
序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 9-01	圆锥销	Pin	1
2	G2630 9-02	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	3
3	G2630 9-03	摆动提升轴套A	Bush, A	1
4	G2630 9-04	压脚升降轴	Feed lifting shaft	1
5	G2630 9-05	摆动提升轴套B	Bush, B	1
6	G2630 9-06	偏心轮连接调节曲柄	Feed arm	1
7	G2630 9-07	偏心连杆调节螺丝 1/4-24 L=16	Screw 1/4-24 L=16	1
8	G2630 9-08	压脚升降前曲柄	Feed lifting arm crank, L	1
9	G2630 9-09	螺母	Nut 1/4-40	3
10	G2630 9-10	螺母 M6-0.75	Nut M6-0.75	1
11	G2630 9-11	垫片W5*10*1	W5*10*1 Washer	1
12	G2630 9-12	偏心轮	Eccentric wheel	1
13	G2630 9-13	螺钉 1/4-40 L=7	Screw SM1/4-40 L=7	2
14	G2630 9-14	偏心轮连杆	Connecting rod	1
15	G2630 9-15	段螺丝	Screw	1
16	G2630 9-16	压脚送料曲柄	Feed lever	1
17	G2630 9-17	段螺丝	Screw	1
18	G2630 9-18	滑块	Slide block	1
19	G2630 9-19	卡簧 E5	E5	1
20	G2630 9-20	压杆提升导位板	Lever guide	1
21	G2630 9-21	螺丝 11/64-40 L=7	Screw 11/64-40 L=7	2
22	G2630 9-22	段螺丝 1/4-40	Screw SM1/4-40	1
23	G2630 9-23	段螺丝 1/4-41	Screw SM1/4-40	1
24	G2630 9-24	滚针轴承	Needle bearing	4
25	G2630 9-25	外压提升连杆	Link	1
26	G2630 9-26	外压摆动曲柄左	Crank	1
27	G2630 9-27	外压摆动曲柄左螺丝 1/4-24 L=16	Screw 1/4-24 L=16	1
28	G2630 9-28	压脚摆动轴左轴套	Bush, L	1
29	G2630 9-29	螺丝 1/4-40 L=5	Screw 1/4-40 L=5	2
30	G2630 9-30	挡圈	Collar	1
31	G2630 9-31	压脚摆动轴	Upper feed shaft	1
32	G2630 9-32	O型圈	O ring	1
33	G2630 9-33	螺丝 15/64-28 L=6	Screw 15/64-28 L=6	1
34	G2630 9-34	压脚摆动轴右轴套	Bush, M	1
35	G2630 9-35	压脚摆动右曲柄	Feed lifting arm crank, R	1
36	G2630 9-36	压脚摆动右曲柄螺丝 15/64-28 L=15	Screw SM15/64-28 L=15	1
37	G2630 9-37	连杆螺丝	Screw 1/4-40	1
38	G2630 9-38	摆压脚	Walking foot	1
39	G2630 9-39	摆压脚大连杆	Connecting rod	1
40	G2630 9-40	螺母 M6-1	Nut M6-1	1
41	G2630 9-41	垫片W6.5	W6.5	1
42	G2630 9-42	摆压脚同步调节器组件	Roller shaft assy.	1
43	G2630 9-43	提升压脚变动曲柄轴	Pin	1
44	G2630 9-44	滑块	Slide block	1
45	G2630 9-45	卡簧 E5	E5 Snap ring	1
46	G2630 9-46	螺丝 9/64-40 L=8	Screw 9/64-40 L=8	4
47	G2630 9-47	摆压脚导柱架	Bracket	1
48	G2630 9-48	压脚送料曲柄螺丝	Screw 1/4-40	1
49	G2630 9-49	压脚送料变动连接螺丝	Screw 1/4-40	1
50	G2630 9-50	压脚送料曲柄连杆螺丝	Screw 1/4-40	1
51	G2630 9-51	摆压脚连杆	Link	1
52	G2630 9-52	压脚螺丝 9/64-40 L=8	Screw 9/64-40 L=8	1
53	G2630 9-53	螺丝 11/64-40 L=10	Screw 11/64-40 L=10	2
54	G2630 9-54	摆压脚杆压板	Rod guide	1
55	G2630 9-55	摆压脚杆压板垫片	Collar	2
56	G2630 9-56	摆压脚杆	Connecting rod	1
57	G2630 9-57	螺丝 M5 L=8	Screw M5 L=8	1
58	G2630 9-58	摆压脚叉形杆	Lever	1
59	G2630 9-59	摆压脚杆座	Clamper	1
60	G2630 9-60	摆压脚叉形杆销	Shaft	1
61	G2630 9-61	摆压脚调压螺丝	Screw	1
62	G2630 9-62	摆压脚调压螺母	Nut	1
63	G2630 9-63	摆压脚调压杆弹簧	Spring compression	1
64	G2630 9-64	调压杆弹簧导柱	Guide shaft	1
65	G2630 9-65	摆压脚调压螺钉架	Bracket	1
66	G2630 9-66	螺丝11/64-40 L=7	Screw 11/64-40 L=7	2
67	G2630 9-67	羊毛毡	Wool felt	1
68	G2630 9-68	螺丝9/64-40 L=5	Screw 9/64-40 L=5	1

10. 电控部件/Driver components

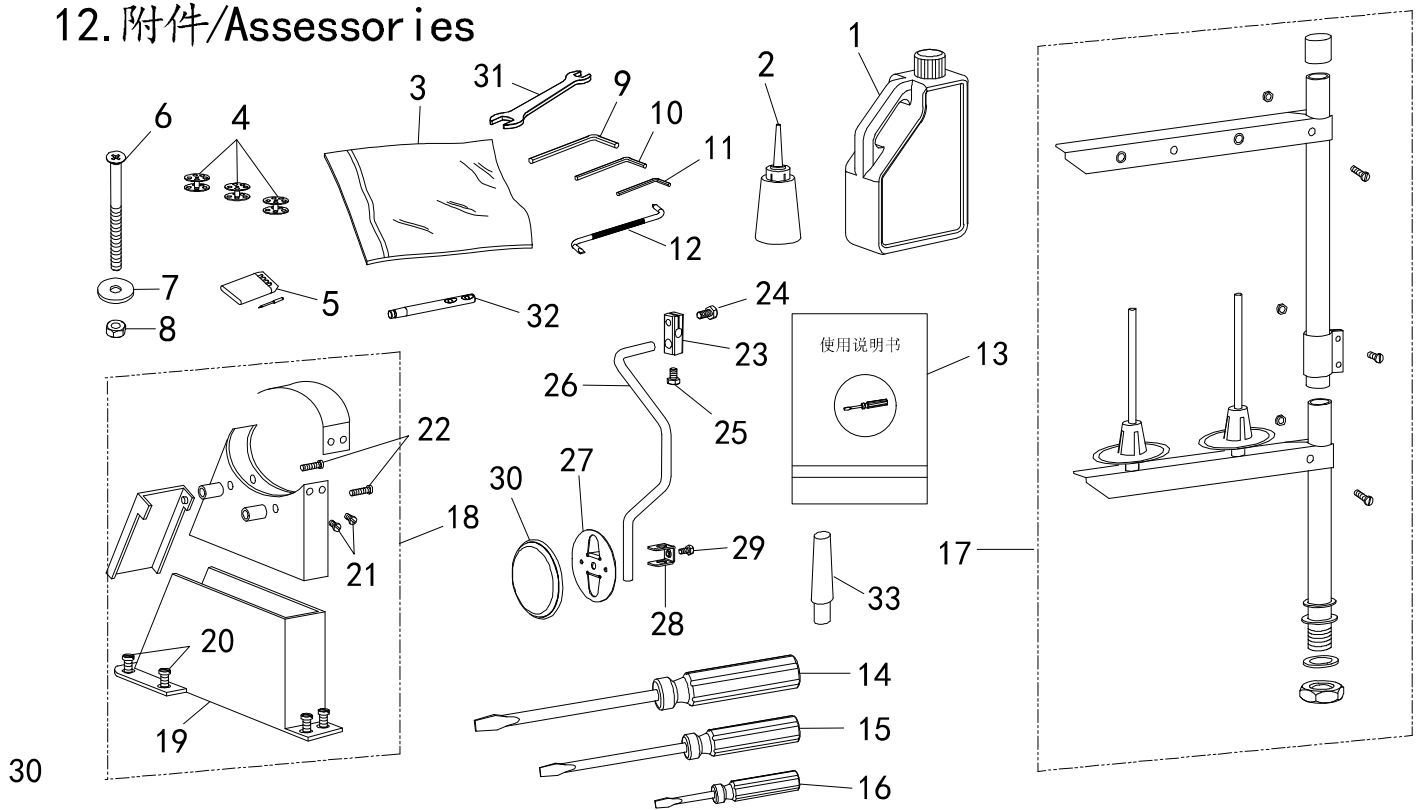


10. 电控部件/Driver components				
序号No.	图号Part No.	名 称	DESCRIPTION	数量 QTY
1	G2630 10-01	电控组件	Control asm	1
2	G2630 10-02	电源开关	Power switch	1
3	G2630 10-03	电源线	Power line	1
4	G2630 10-04	电控罩	Control cover	1
5	G2630 10-05	操作面板贴	Face plate	1
6	G2630 10-06	螺丝M5 L=35	Screw M5 L=35	3
7	G2630 10-07	螺丝M5 L=22	Screw M5 L=22	2
8	G2630 10-08	脚踏控速器	Thread asm	1
9	G2630 10-09	螺钉	Screw	3
10	G2630 10-10	上轴油封	Oil seal	1
11	G2630 10-11	轴承	Ball bearing	1
12	G2630 10-12	连轴器A	Clutch component (A)	1
13	G2630 10-13	螺丝M6 L=6	Screw M6 L=6	3
14	G2630 10-14	连轴器橡胶垫	Alnico tray	1
15	G2630 10-15	连轴器B	Clutch component (B)	1
16	G2630 10-16	螺丝M6 L=6	Screw M6 L=6	3
17	G2630 10-17	AC伺服马达	AC cervo motor	1
18	G2630 10-18	垫片	Washer	4
19	G2630 10-19	弹性垫片	Spring washer	4
20	G2630 10-20	螺丝M5 L=22	Screw M5 L=22	4
21	G2630 10-21	手轮	Hand wheel	1
22	G2630 10-22	螺丝 15/64-28 L=10	Screw 15/64-28 L=10	2
23	G2630 10-23	拉杆	Live festival balllink asm	1

11. 供油机构/Oil lubrication mechanism



12. 附件/Assessor ies



11. 供油机构/Oil lubrication mechanism

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 11-01	油泵组件	Oil pump	1
2	G2630 11-02	螺丝11/32-28 L=5	Screw SM11/32-28 L=5	1
3	G2630 11-03	螺丝11/32-28 L=5	Screw SM11/32-28 L=5	1
4	G2630 11-04	螺丝 11/64-40 L=13	Screw 11/64-40 L=13	3
5	G2630 11-05	上油管	Oil tube	1
6	G2630 11-06	扎带	Tie	3
7	G2630 11-07	油管	Tube assy.	1
8	G2630 11-08	回油管	Tube assy.	1
9	G2630 11-09	羊毛毡	Wool felt	1
10	G2630 11-10	羊毛毡压簧	Spring	1
11	G2630 11-11	油泵体盖板组件	Setting plate	1
12	G2630 11-12	螺丝 9/64-40 L=13	Screw 9/64-40 L=13	2
13	G2630 11-13	油绳	Oil tip	2

12. 附件/Assessories

序号No.	图号Part No.	名称	DESCRIPTION	数量 QTY
1	G2630 12-01	油壶	Oil tank	1
2	G2630 12-02	注油壶	Oil pot	1
3	G2630 12-03	机头罩	Accessory bag	1
4	G2630 12-04	梭芯	Bobbin	1
5	G2630 12-05	机针包 DPX17 18#	Needle	1
6	G2630 12-06	机头固定螺丝M6	Screw M6 L=	4
7	G2630 12-07	垫片W6X12	W6X12	4
8	G2630 12-08	螺母M6	Nut M6	4
9	G2630 12-09	5MM六角扳手	Wrench, 5	1
10	G2630 12-10	4MM六角扳手	Wrench, 4	1
11	G2630 12-11	3MM六角扳手	Wrench, 3	1
12	G2630 12-12	Z型螺丝刀	Z-shaped screwdriver	1
13	G2630 12-13	说明书	Instruction	1
14	G2630 12-14	大起子	Screw driver,L	1
15	G2630 12-15	中起子	Screw driver,M	1
16	G2630 12-16	小起子	Screw driver,S	1
17	G2630 12-17	二线架	Thread stand assy.	1
18	G2630 12-18	皮带罩组件	A belt cover arm.	1
19	G2630 12-19	皮带罩	A belt cover	1
20	G2630 12-20	螺丝	Screw	4
21	G2630 12-21	螺丝M4 Screw M4	Screw M4	4
22	G2630 12-22	螺丝M5 L=18	Screw M5 L=18	2
23	G2630 12-23	碰块弯杆接头	Bracket	1
24	G2630 12-24	碰块弯杆接头螺丝	Screw M8 L=16	1
25	G2630 12-25	碰块弯杆接头短螺丝	Screw M8 L=12	1
26	G2630 12-26	膝控碰块弯管	Lifter bar	1
27	G2630 12-27	膝控碰块	Knee lifter plate	1
28	G2630 12-28	碰块架	Stopper	1
29	G2630 12-29	碰块架螺钉	Screw	1
30	G2630 12-30	碰块垫	Cover,k-lifter plate	1
31	G2630 12-31	扳手	Wrench	1
32	G2630 12-32	过线柱	Needle thread guide pin	1
33	G2630 12-33	机头撑杆	Head pole	1

