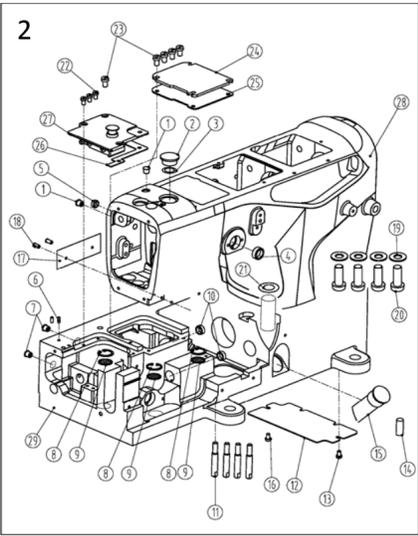
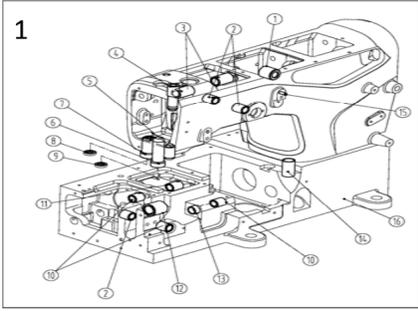


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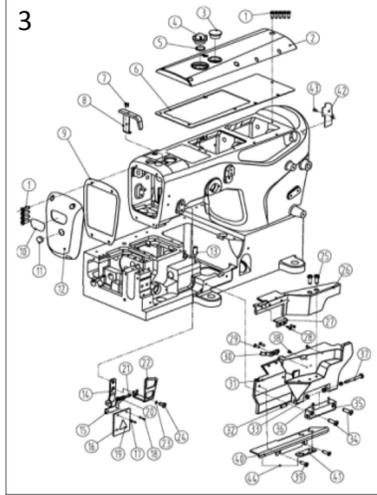
W4-D零件手册

W4-D Parts Manual



一、套筒部件(Bushing assemblies)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|---------|---------------|-----------|
| 1 | 31003002 | | 胎压轴套筒 | sleeve | 1 |
| 2 | 30103106 | 210297 | 过线座轴套筒 | sleeve | 2 |
| 3 | 20103047 | 250141 | 送布轴套 | sleeve | 2 |
| 4 | 30203004 | 250146 | 针杆上套 | sleeve | 1 |
| 5 | 30203005 | 251003 | 针杆下套 | sleeve | 1 |
| 6 | 30203024 | 250147 | 压脚轴套 | sleeve | 1 |
| 7 | 30203025 | 250136 | 喂针轴套 | sleeve | 1 |
| 8 | 20622019 | | 油封 | plug | 1 |
| 9 | 30122039 | | 油封 | plug | 1 |
| 10 | 30103105 | | 前弯针轴后套筒 | bushing | 3 |
| 11 | 30103021 | 250135 | 弯针轴前后套筒 | plug | 1 |
| 12 | 30103010 | | 主轴套筒 | bushing | 1 |
| 13 | 30103019 | | 护针轴前套筒 | bushing | 1 |
| 14 | 30221016 | 255020 | 铜油管 | pipe | 1 |
| 15 | P03005 | | 销 4×8 | pin | 1 |
| 16 | 100906 | 250215-2 | 机壳 | machine frame | 1 |



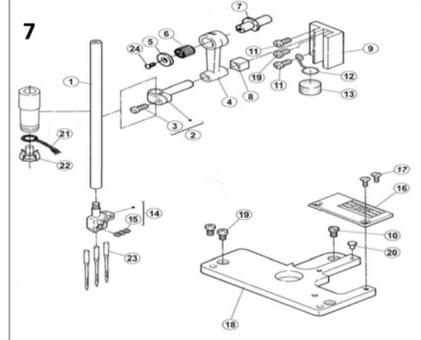
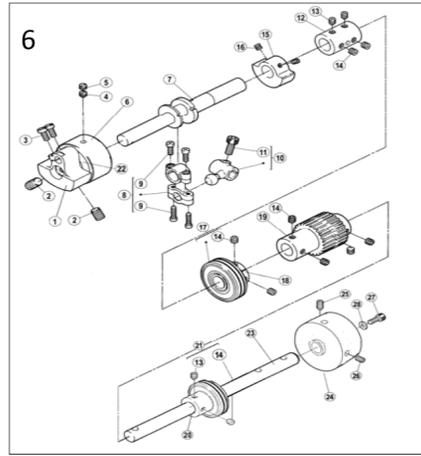
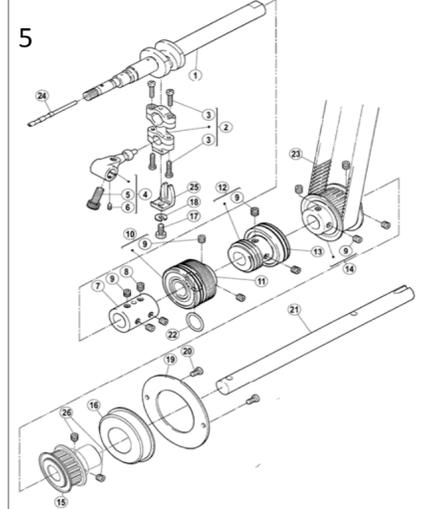
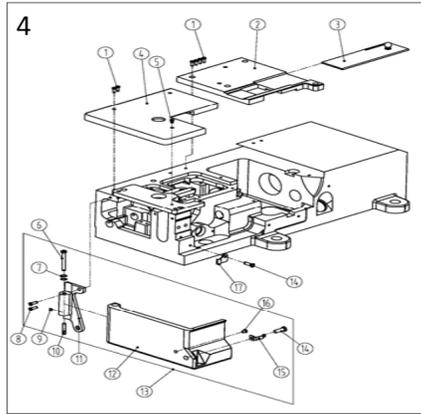
三、罩壳部件(Cover assemblies)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|-----------|---------------------|-----------|
| 1 | s04060 | 7021 | 螺钉M4×10 | screw | 9 |
| 2 | 303600 | | 上盖(喷漆) | arm cover(top) | 1 |
| 3 | 30122005 | | 油封 | plug | 1 |
| 4 | 20711055 | | 油窗 | Oil Sight Window | 1 |
| 5 | 21022003 | | 油窗垫 | o ring | 1 |
| 6 | 31022010 | | 上盖密封垫 | The head gasket | 1 |
| 7 | 207S11007 | | 螺钉 | screw | 2 |
| 8 | 31112010 | | 针杆护罩 | needle bar cover | 1 |
| 9 | 31022006 | | 机头左盖密封垫 | o ring | 1 |
| 10 | 13837002 | | 商标牌 | plug | 1 |
| 11 | 10122003 | | 油封 | plug | 1 |
| 12 | 303599 | | 机头左盖(喷漆) | arm cover(rear) | 1 |
| 13 | 301S30002 | 7089 | 左侧盖螺钉 | screw | 1 |
| 14 | 31012042 | | 玻璃罩安装板 | glass plate | 1 |
| 15 | 31012029 | | 护罩架 | shield | 1 |
| 16 | 30111003 | 250257 | 有机玻璃罩 | eye guard | 1 |
| 17 | W01002 | 202875 | 垫圈 | sticker | 2 |
| 18 | s01006 | 7009 | 螺钉M3×4.5 | screw | 2 |
| 19 | 20131063 | | 护罩警示牌 | sticker | 1 |
| 20 | W03001 | 210307 | 波形垫圈 | washer | 2 |
| 21 | 301S20001 | | 螺钉 | screw | 1 |
| 22 | 31012012 | | 过线护罩 | threan takeup cover | 1 |
| 23 | W02004 | 303335 | 垫圈6 | sticker | 1 |
| 24 | s01060 | 7052 | 护罩螺钉 | screw | 8 |
| 25 | s01011 | | 螺钉M5×10 | screw | 2 |
| 26 | 31101005 | | 前罩缝台盖 | front cover | 1 |
| 27 | 30209018 | | 针板座接块 | block | 1 |
| 28 | s01006 | 7009 | 螺钉M3×4.5 | screw | 2 |
| 29 | s01002 | 7017 | 螺钉M4×6.5 | screw | 2 |
| 30 | 30127001 | 250051 | 前罩簧 | flat spring | 1 |
| 31 | 31101006 | | 前罩缝台 | arm cover | 1 |
| 32 | 301s20003 | 250014 | 前罩缝台螺钉 | pin | 1 |
| 33 | 30128002 | 201191 | 弹簧垫圈 | spring | 3 |
| 34 | s01007 | 7023 | 螺钉M4×13.5 | screw | 2 |
| 35 | 30101063 | | 前罩缝台座 | bracket | 1 |
| 36 | s10006 | 4539 | 螺钉M5×6 | screw | 2 |
| 37 | 301s20002 | 250013 | 前罩缝台座螺钉 | screw | 1 |
| 38 | 30122015 | | 前罩防震垫 | cushion | 2 |
| 39 | s01065 | 7079 | 螺钉M5×6 | screw | 2 |
| 40 | 30112097 | | 加宽前门板接板 | block | 1 |
| 41 | 30112098 | | 加宽前门板接板垫块 | baseplate | 1 |

二、车壳部件(Frame assemblies)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|-------------|------------------------|-----------|
| 1 | 30122006 | 240052 | 油封 | plug | 2 |
| 2 | 21022007 | 206590 | 油封 | plug | 1 |
| 3 | 21012018 | | 油封垫 | washer | 1 |
| 4 | 20622019 | | 油封 | plug | 1 |
| 5 | 30122008 | | 油封 | plug | 1 |
| 6 | P01001 | | 销A5×13 | pin | 2 |
| 7 | 30122006 | 240052 | 油堵 | plug | 4 |
| 8 | H01001 | 240001 | 挡圈 | ring | 3 |
| 9 | 30112001 | 255002 | 滤油网 | filter | 3 |
| 10 | 30122008 | 208173 | 油封 | plug | 2 |
| 11 | 301s30001 | 250117 | 机壳螺钉 | shoulder pin | 4 |
| 12 | 30112002 | 250049 | 盖板 | cover | 1 |
| 13 | s01002 | 7017 | 螺钉M4×6.5 | screw | 1 |
| 14 | 10126021 | | 拼装销 | pin | 2 |
| 15 | 30111001 | 206590 | 油标 | oil level gauge | 1 |
| 16 | s01002 | 7017 | 螺钉M4×6.5 | screw | 1 |
| 17 | 30137001 | 250233 | 机壳牌 | sticker | 1 |
| 18 | R03001 | 210679 | 铆钉 2.5×4 | pin | 2 |
| 19 | W02003 | | 垫圈 10 | washer | 4 |
| 20 | S05001 | | 螺钉 M10×27.5 | screw | 4 |
| 21 | 001001 | | O型圈 15×2.65 | o ring | 1 |
| 22 | 301s11024 | | 滑块导座螺钉 | screw | 3 |
| 23 | L02001 | 7084 | 螺钉 M4×8 | screw | 5 |
| 24 | 30101005 | 250003 | 下节右盖 | top cover (right) | 1 |
| 25 | 30122003 | 250004 | 下节右盖垫 | gasket | 1 |
| 26 | 30122002 | 250020 | 下节左盖垫 | gasket | 1 |
| 27 | 30101004 | 250069 | 下节左盖 | top cover plate (left) | 1 |
| 28 | 100905 | | 机壳上节 | chassis | 1 |
| 29 | 100906 | | 机壳下节 | casing under section | 1 |

| | | | | | |
|----|----------|--|-----------|-----------------|---|
| 42 | 31122003 | | 卡线片 | card line piece | 1 |
| 43 | s01002 | | 螺钉 | screw | 1 |
| 44 | 302525 | | 加宽前门板接板组件 | front coverasy | 1 |



| | | | | | |
|----|----------|--------|-----------|-------------------|---|
| 18 | 30109006 | 251007 | 针板座 | bracket | 1 |
| 19 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 3 |
| 20 | 30122018 | 240123 | 防震垫 | cushion rubber | 1 |
| 21 | 30123014 | 202176 | 油线 | oil wick | 1 |
| 22 | 30112009 | 206524 | 油线托 | oil wick retainer | 1 |
| 23 | 30117001 | | 机针 | needle | 3 |
| 24 | S02007 | | 螺钉M3×5 | screw | 1 |

四、缝台部件(Cloth plate assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|--------------|------------------|-----------|
| 1 | s01003 | 7021 | 螺钉 M4×12 | screw | 6 |
| 2 | 300137 | 250074-ASD | 右缝台盖(喷漆) | bed cover(right) | 1 |
| 3 | 30115001 | 250071-91 | 推板 | cover | 1 |
| 4 | 300139 | 250052-BSD | 左缝台盖(喷漆) | bed cover(left) | 1 |
| 5 | s02001 | 7043 | 螺钉 M4×6 | screw | 1 |
| 6 | 301s20004 | | 侧盖合扇螺钉 | screw | 1 |
| 7 | 30128002 | 201191 | 弹簧垫圈 | spring | 2 |
| 8 | s01005 | 7020 | 螺钉 M4×10 | screw | 4 |
| 9 | s10001 | | 螺钉M3×4 | screw | 2 |
| 10 | 301s20005 | | 销螺钉 | pin | 1 |
| 11 | 30101112 | | 侧盖合扇 | cover | 1 |
| 12 | 30101111 | | 侧盖 | side cover | 1 |
| 13 | 300952 | | 侧盖组件(喷漆) | side coverassy | 1 |
| 14 | s01002 | 7017 | 螺钉M4×6.5 | screw | 1 |
| 15 | 30127030 | | 侧前锁簧 | flat spring | 1 |
| 16 | 30122015 | | 前罩防震垫cushion | cushion | 1 |
| 17 | 30112095 | | 侧前锁簧舌 | flat spring | 1 |

五、下轴部件(Hook shaft assemblies)

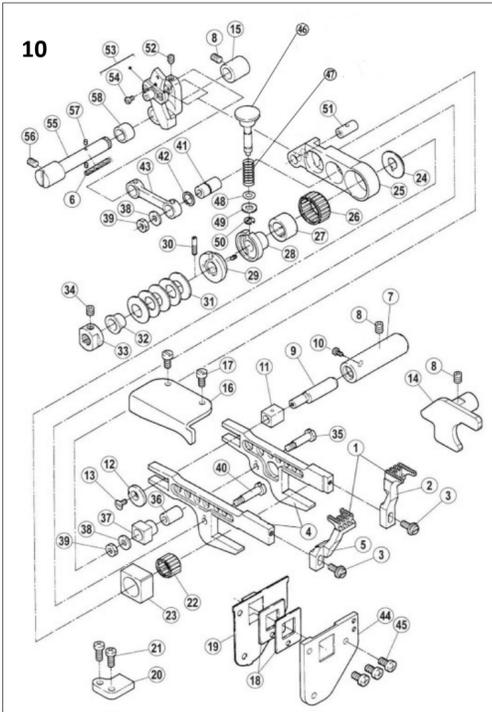
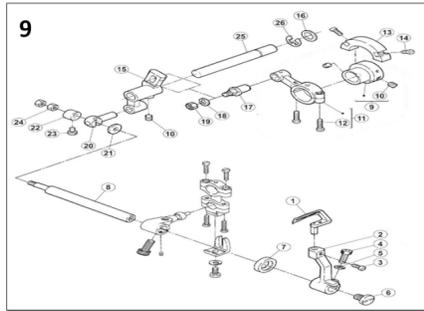
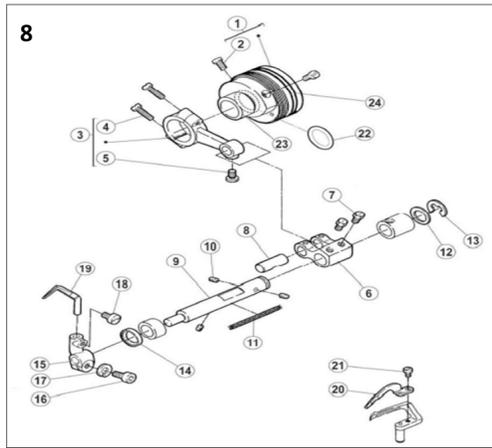
| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|--------------|-----------------|-----------|
| 1 | 400068 | 250501B-91 | 下轴 | crankshaft assy | 1 |
| 2 | 400060 | 2505009-92 | 连杆组件 | connection assy | 1 |
| 3 | 201S20015 | 7015 | 螺钉 M3.5×13 | screw | 4 |
| 4 | 30104002 | 252008 | 下轴曲柄 | crank | 1 |
| 5 | S05002 | 4534 | 螺钉 M6×0.75× | screw | 1 |
| 6 | S12002 | 4545 | 螺钉 M3×4 | screw | 1 |
| 7 | 30103004 | 250506 | 接轴套 | joint | 1 |
| 8 | S12003 | 4555 | 螺钉 M6×7 | screw | 1 |
| 9 | S10029 | 4547 | 螺钉 M6×0.75×5 | screw | 11 |
| 10 | 3012400300 | 250508-91 | 油封轴承 | bearing | 1 |
| 11 | 30103006 | 250508 | 中轴套 | bushing | 1 |
| 12 | 30103008 | 250543 | 蜗杆 | bushing | 1 |
| 13 | 3012400400 | | 油封轴承 | bearing | 1 |
| 14 | 30125006 | 250511-1 | 下轴同步带轮 | gear(lower) | 1 |
| 15 | 30125005 | 250530 | 小同步带轮2 | small gear2 | 1 |
| 16 | B01003 | 250504-91 | 轴承 6304Z | bearing | 1 |
| 17 | 301S11004 | 4019 | 比叉螺钉 | screw | 1 |
| 18 | W02001 | 202286 | M5 弹垫 | washer | 1 |
| 19 | 30108001 | 250514 | 轴承挡圈 | cover | 1 |
| 20 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 2 |
| 21 | 30102066 | 250507 | 下后轴 | shaft | 1 |
| 22 | 001001 | 206837 | O型圈 15×2.65 | o ring | 1 |
| 23 | 30135002 | 206050C | 同步带 | timing belt | 1 |
| 24 | 30126001 | 250525 | 调节销 | adjusting bar | 1 |
| 25 | 30109001 | 201074 | 比叉 | guide | 1 |

六、上轴部件(Main shaft assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|--------------|-----------------|-----------|
| 1 | 400307 | 250526B92 | 针杆曲柄 | motion assy | 1 |
| 2 | S10004 | 4592 | 螺钉 M8×1×12 | screw | 1 |
| 3 | S01011 | 7028 | 螺钉 M5×10 | screw | 2 |
| 5 | S11001 | 7152 | 螺钉 M6×0.75×6 | screw | 1 |
| 6 | 30103015 | 250526 | 轴承套 | bushing | 1 |
| 7 | 400065 | 250517A | 上前轴 | crankshaft | 1 |
| 8 | 400061 | 253500-92 | 连杆组件 | connection assy | 1 |
| 9 | 201S20015 | 7021 | 铜连杆螺丝 | screw | 4 |
| 10 | 30104006 | 253501A | 弯针曲柄 | crank assy | 1 |
| 11 | S05002 | 4534 | 螺钉 M6×0.75× | screw | 1 |
| 12 | 30103004 | 250506 | 接轴套 | joint | 1 |
| 13 | S12003 | 4555 | 螺钉 M6×0.75×7 | screw | 3 |
| 14 | S10029 | 4547 | 螺钉 M6×0.75×5 | screw | 9 |
| 15 | 30109003 | 250524 | 上轴平衡块 | balance weight | 1 |
| 16 | S10002 | 4514 | 螺钉 M5×5 | screw | 2 |
| 17 | 3012400400 | 250529-91 | 油封轴承 | bushing | 1 |
| 18 | 30103012 | 250529 | 轴承套 | bushing | 1 |
| 19 | 30125002 | 250521 | 上轴同步带轮 | gear(upper) | 1 |
| 20 | 30103014 | 250528 | 轴承套 | bushing | 1 |
| 21 | 3012400400 | 250529-91 | 油封轴承 | bearing | 1 |
| 22 | B01005 | | 轴承 6203 | bearing | 2 |
| 23 | 30202004 | | 后轴 | shaft | 1 |
| 24 | 31035002 | | 手轮 | pulley | 1 |
| 25 | S12001 | 4556 | 尖端固定螺钉 M6×8 | screw | 1 |
| 26 | S10009 | 4541 | 螺钉 M6×8 | screw | 1 |
| 27 | S05004 | 4501 | 螺钉 M5×14 | screw | 1 |
| 28 | W01004 | 204585 | M5普通垫片 | washer | 1 |

七、针杆部件(Needle bar assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|------------|--------------------|-----------|
| 1 | 30102008 | 251000-91 | 针杆 | needle bar | 1 |
| 2 | 30102009 | 206061 | 针杆针头 | needle bar pin | 1 |
| 3 | 301S11005 | 5325 | 针杆针头螺钉 | screw | 1 |
| 4 | 30105005 | 206052 | 针杆连杆 | link/needle bar | 1 |
| 5 | 30128030 | 205097 | 偏心轴垫 | washer | 1 |
| 6 | B07001 | 240098 | 轴承 8×12×12 | needle bearing | 1 |
| 7 | 30102050 | 251010A | 连杆偏心轴 | eccentric pin | 1 |
| 8 | 30109004 | 206063 | 针杆滑块 | block | 1 |
| 9 | 30109005 | 206062 | 滑块导座 | guide block/needle | 1 |
| 10 | 301S11024 | 7082 | 滑块导座螺钉 | screw | 1 |
| 11 | S01003 | 7021 | 螺钉 M4×12 | screw | 2 |
| 12 | 30127003 | 251009 | 毛毡弹簧 | spring | 1 |
| 13 | 30123002 | 179040-05 | 毛毡 | felt | 1 |
| 14 | 30134001 | 257158-56 | 356针舌 | needle holder | 1 |
| 15 | S10026 | 4554 | 螺钉 M3×3 | screw | 3 |
| 16 | 30115002 | | 356针板 | needle plate | 1 |
| 17 | 301S17001 | 5373-HC | 针板螺钉 | screw | 2 |



| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|------------|------------------------|-----------|
| 41 | 30103028 | 206566 | 差动连杆套 | bushing | 1 |
| 42 | 30129001 | 206565 | 开口挡圈 | ring | 1 |
| 43 | 30105010 | 206564 | link/差动布连杆 | link/differential feed | 1 |
| 44 | 30109015 | 251520 | 牙架挡板 | bracket | 1 |
| 45 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 3 |
| 46 | 30102017 | 252526 | 针距调节按钮 | pin | 1 |
| 47 | 30127004 | 240122 | 针距调节簧 | spring | 1 |
| 48 | 001004 | 206366 | 0型圈 4×1.8 | o ring | 1 |
| 49 | 30128032 | 204585 | 垫圈 | washer | 1 |
| 50 | H05002 | 200555 | 挡圈 5 | ring | 1 |
| 51 | 30103029 | 206569 | 差动送布架套 | pin | 1 |
| 52 | S12005 | 4546 | 螺钉 M4×4 | screw | 1 |
| 53 | 3010401500 | 252527-91 | 差动调整架组件 | crank | 1 |
| 54 | S01012 | 7031 | 螺钉 M2.5×4 | screw | 1 |
| 55 | 30102018 | 252510 | 差动轴 | shaft | 1 |
| 56 | S10002 | 4514 | 螺钉 M5×5 | screw | 1 |
| 57 | 30123008 | 207925 | 喂针抽油孔毛毡 | felt | 2 |
| 58 | 30103030 | 240119 | 差动轴前套筒 | spacer | 1 |
| 59 | 30126016 | | 针距调节按钮 | pin | 1 |
| 60 | 30127026 | | 针距调节簧 | spring | 1 |

八、护针部件(Needle guard assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|------------|----------------------|-----------|
| 1 | B01001 | | 轴承 6004Z | bearing | 1 |
| 2 | S10028 | 4539 | 螺钉 M5×6 | screw | 2 |
| 3 | 400062 | 255501-92 | 连杆组件 | connection assy | 1 |
| 4 | S01039 | 7015 | 螺钉 M4×15 | screw | 2 |
| 5 | 301S11024 | 7082 | 滑块导座螺钉 | screw | 1 |
| 6 | 30104007 | 306093 | 弯针曲柄 | crank | 1 |
| 7 | 301S12001 | 5084 | 曲柄螺钉 | screw | 2 |
| 8 | 30126003 | 205495 | 曲柄销 | pin | 1 |
| 9 | 30102011 | 251518 | 护针轴 | shaft | 1 |
| 10 | 30123001 | 206748 | 毛毡 | felt | 3 |
| 11 | 30123014 | 202176 | 油线 | oil wick | 1 |
| 12 | 30128008 | 240102 | 护针轴垫圈 | washer | 1 |
| 13 | H05001 | 205061 | 挡圈 10 | ring | 1 |
| 14 | 30122019 | 204052A | 油封 | oil seal | 1 |
| 15 | 30104009 | 251519 | 护针挡架 | lever assy | 1 |
| 16 | S05003 | 4500 | 螺钉M5×10 | screw | 1 |
| 17 | H02001 | 303067 | M5 弹垫 | washer | 1 |
| 18 | S01002 | 7017 | 螺钉 M4×6.5 | screw | 1 |
| 19 | 30117002 | 257551B | 后护针挡 | needle guard (rear) | 1 |
| 20 | 30117003 | 257553 | 前护针挡 | needle guard (front) | 1 |
| 21 | S01012 | 7031 | 螺钉 M2.5×4 | screw | 1 |
| 22 | 001001 | | O型圈15×2.65 | oring | 1 |
| 23 | 30110002 | 251517 | 偏心凸轮 | eccentric | 1 |
| 24 | 30122017 | | 油承槽油封 | oil seal | 2 |

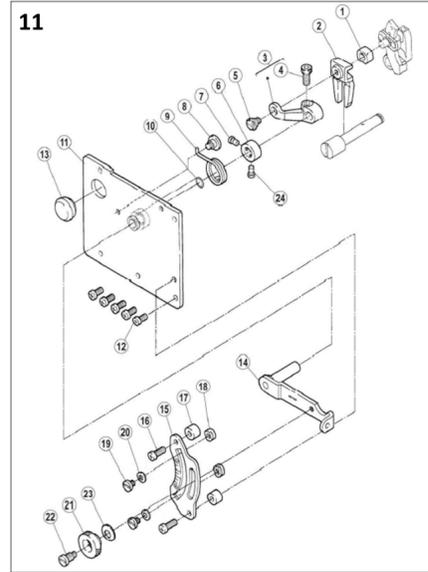
九、弯针部件 (Looper assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|----------------|--------------------|-----------|
| 1 | 3011700900 | 257550-91 | 弯针组 | looper | 1 |
| 2 | 30104012 | 252007 | 弯针架 | looper holder assy | 1 |
| 3 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 1 |
| 4 | S05004 | 4501 | 螺钉 M5×14 | screw | 1 |
| 5 | W02001 | 303067 | M5 弹垫 | spring washer | 1 |
| 6 | S01014 | 7085 | 螺钉 M6×0.75×9.6 | screw | 1 |
| 7 | 20622019 | | 油封 | oil seal | 1 |
| 8 | 30102014 | 252006 | 弯针架轴 | shaft | 1 |
| 9 | 30110005 | 252000 | 摆架偏心轮 | eccentric assy | 1 |
| 10 | S10006 | 4539 | 螺钉 M5×6 | screw | 3 |
| 11 | 400063 | 252001-92 | 连杆组件 | connection assy | 1 |
| 12 | S01039 | 7015 | 螺钉 M4×15 | screw | 2 |
| 13 | 30109007 | 252010 | 平衡块 | balance weight | 1 |
| 14 | S01009 | 7011 | 螺钉 M3×7.5 | screw | 2 |
| 15 | 30104010 | 252002 | 弯针摆架 | crank | 1 |
| 16 | 30128008 | 240102 | 摆架轴垫圈 | washer | 1 |
| 17 | 30102013 | 179399-05 | 连杆轴 | pin | 1 |
| 18 | 30128032 | 240062 | 垫片 | washer | 1 |
| 19 | N01004 | 4805 | 螺母 M5 | nut | 1 |
| 20 | 30102015 | 252003 | 摆轴轧头 | block pin | 1 |
| 21 | 30128010 | 208028 | 垫圈 | washer | 1 |
| 22 | 30108002 | 208029 | 偏心挡圈 | collar | 1 |
| 23 | 301S12001 | 5084 | 曲柄螺钉 | screw | 1 |
| 24 | N01001 | 4802 | 螺母 M4 | nut | 2 |
| 25 | 30102012 | 252004 | 摆架轴 | shaft | 1 |
| 26 | H05001 | 205061 | 挡圈 10 | ring | 1 |

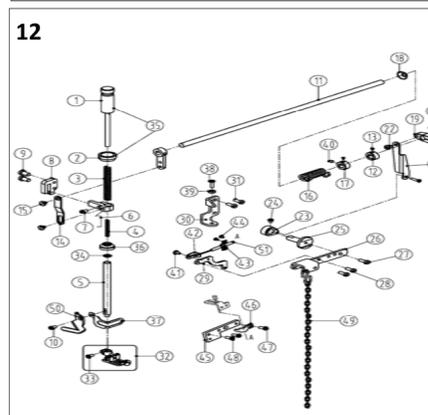
十、牙架部件(Feed dog holder assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|-------------|------------------------|-----------|
| 1 | 3011400700 | 257259-16F | 差动送布牙组件 | main feed dog assembly | 1 |
| 2 | 30114001 | | 356、364送布牙 | main feed dog | 1 |
| 3 | 301S30003 | 5590 | 差动送布牙螺钉 | screw | 2 |
| 4 | 400066 | 252500-91 | 差动送布牙架组件 | main feed bar assembly | 1 |
| 5 | 30114002 | | 356、364差动牙 | differential feed dog | 1 |
| 6 | 20123021 | 202175 | 油线 | oil wick | 1 |
| 7 | 30103022 | 204129A | 套筒 | bushing | 1 |
| 8 | S10006 | 4539 | 螺钉 M5×6 | screw | 3 |
| 9 | 30102016 | 204128A | 偏心轴 | eccentric pin | 1 |
| 10 | 301S12001 | 5084 | 曲柄螺钉 | screw | 1 |
| 11 | 30109008 | 205857 | 滑块 | block/feed bar guide | 1 |
| 12 | 30128011 | 204439A | 偏心垫 | washer | 1 |
| 13 | 301S17002 | 5317 | 偏心轴螺钉 | screw | 1 |
| 14 | 30109009 | 252504 | 牙架挡板 | guide(right) | 1 |
| 15 | 30103031 | 206571 | 差动轴后套筒 | bushing | 1 |
| 16 | 30109010 | 252507 | 左挡板 | guide(left) | 1 |
| 17 | L02003 | 7019 | 螺栓 M4×7 | screw | 2 |
| 18 | 30122020 | 206133 | 牙架油封 | oilshield | 2 |
| 19 | 30109011 | 252509 | 油封挡板 | cover | 1 |
| 20 | 30109012 | 252508 | 挡板 | guide(lower) | 1 |
| 21 | S01005 | 7020 | 螺钉 M4×10 | screw | 2 |
| 22 | B07002 | 206128 | 轴承 12×15×10 | needle bearing | 1 |
| 23 | 30109013 | 252519 | 抬牙油封 | block | 1 |
| 24 | 30108003 | 252520 | 轴承挡圈 | washer | 1 |
| 25 | 30104013 | 206562 | 差动送布架 | link/main feed | 1 |
| 26 | B07003 | 206125 | 轴承 17×21×10 | needle bearing | 1 |
| 27 | 30103023 | 252521 | 偏心轴承套 | eccentric | 1 |
| 28 | 30103024 | 252522 | 送布调节器 | regulator | 1 |
| 29 | 3010306500 | 252523-91 | 调节器套组 | eccentric retainer | 1 |
| 30 | 301S30004 | 252516 | 调节器螺钉 | screw | 1 |
| 31 | 30128012 | 240125 | 碟形垫圈 | spring | 5 |
| 32 | 30103026 | 252525 | 垫圈套 | spacer | 1 |
| 33 | 301S16001 | 252543 | 调节螺母 | nut | 1 |
| 34 | S10002 | 4514 | 螺钉 M5×5 | screw | 1 |
| 35 | 301S30005 | 206120 | 牙架螺钉 | screw | 1 |
| 36 | 30103027 | 206119 | 差动牙架套 | bushing | 1 |
| 37 | 30109014 | 206563 | 送布滑块 | guide block | 1 |
| 38 | 30128013 | 200098 | 垫片 | washer | 2 |
| 39 | 201S16003 | | N03 螺母 | nut | 2 |
| 40 | 301S30006 | 206123 | 差动牙架螺钉 | screw | 1 |

11



12



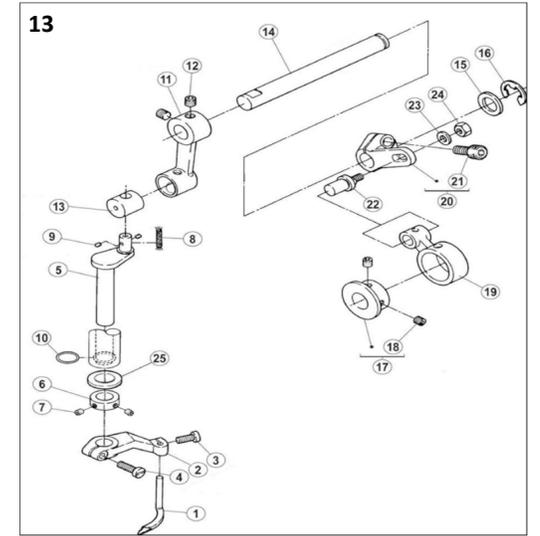
十二、压脚部件(Presser form assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|---------------|------------------------|-----------|
| 1 | 310S30002 | 253000-91 | 调压螺杆 | adjusting bar | 1 |
| 2 | 301S16005 | 253003 | 调压母 | nut | 1 |
| 3 | 30227008 | 240252 | 调压簧 | spring | 1 |
| 4 | 30227009 | 240253 | 压脚轴小弹簧 | spring | 1 |
| 5 | 30202017 | 253026 | 压脚步轴 | presser bar | 1 |
| 6 | 30104017 | 206139 | 压脚轧头 | presser bar clamp | 1 |
| 7 | 301S11009 | | 螺钉M4×12 | screw | 1 |
| 8 | 3010901700 | 253005-91 | 导块销簧组件 | guide | 1 |
| 9 | S11025 | 7025 | 螺钉M4×20 | screw | 2 |
| 10 | S01006 | 7009 | 螺钉M3×4.5 | screw | 1 |
| 11 | 3010206400 | 263008-91 | 抬压轴 | lever | 1 |
| 12 | 30108006 | 192024 | 挡圈 | collar | 1 |
| 13 | 301S12001 | 5084 | 曲柄螺钉 | screw | 3 |
| 14 | 30112016 | 206157 | 压脚轧头连接板 | link | 1 |
| 15 | 301S20007 | 5386 | 螺钉 | screw | 2 |
| 16 | 30127009 | 253010 | 抬压轴簧 | spring | 1 |
| 17 | 30108005 | 206156 | 挡圈 | collar | 1 |
| 18 | 30122023 | | 油封 | plug | 1 |
| 19 | 30104019 | 206149 | 抬压曲柄销 | bell crank(upper) | 1 |
| 20 | 301S11011 | 5187 | 抬压曲柄螺钉 | screw | 1 |
| 21 | 30212018 | 253027 | 抬压曲柄连接板 | link | 1 |
| 22 | 301S20008 | 5184 | 连接板螺钉 | screw | 2 |
| 23 | 30104020 | 206148 | 抬压曲柄销 | bell crank(lower) | 1 |
| 24 | 301S20013 | 002022-4 | 抬压曲柄销固定螺钉 | screw | 1 |
| 25 | 31002006 | | 抬压轴 | shaft | 1 |
| 26 | 30110260 | | 抬压板手 | lever | 1 |
| 27 | S01011 | | 螺钉 | screw | 1 |
| 28 | S01004 | | 螺钉 | screw | 2 |
| 29 | 31012603 | | 连接板 | link | 1 |
| 30 | 31012061 | | 限位板 | link | 1 |
| 31 | S01004 | | 螺钉 | screw | 2 |
| 32 | 3011601300 | 257461-56 | 356压脚 | presser foot assy | 1 |
| 33 | 3011601400 | | 364压脚 | presser foot assy | 1 |
| 34 | 301S11010 | 001170-3 | 压脚固定螺钉 | screw | 1 |
| 35 | O01006 | 240095 | O型圈8.5×1.8 | o ring | 1 |
| 36 | 3100201000 | | K4-1125调压螺杆组件 | adjusting bar assembly | 1 |
| 37 | 30122023 | | 密封胶 | oil guard | 1 |
| 38 | 30112017 | 253028 | 压脚护罩 | finger guard | 1 |
| 39 | S01016 | 4549 | 螺钉M5×17 | screw | 1 |
| 40 | N01004 | 4805 | 螺母M5 | screw | 1 |
| 41 | S12003 | | 螺钉M6×0.75×7 | screw | 1 |
| 42 | 301S20007 | 5386 | 螺钉 | screw | 2 |
| 43 | 31012072 | | 拉板 | pulling plate | 1 |
| 44 | 31012032 | | 压板 | clamp | 1 |

十一、差动部件(Differential assemblies)

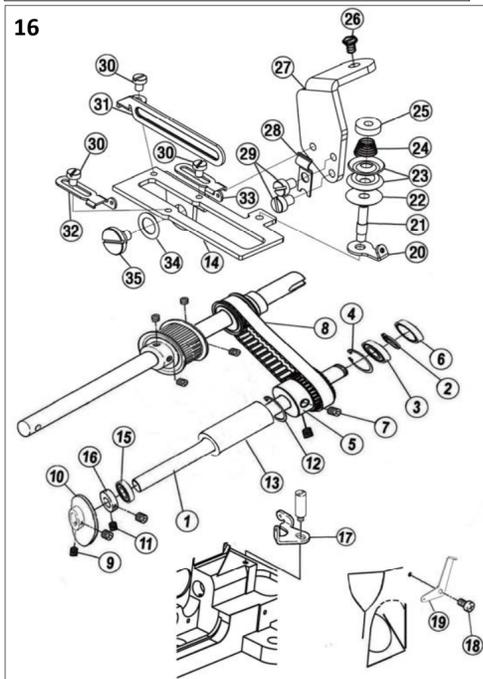
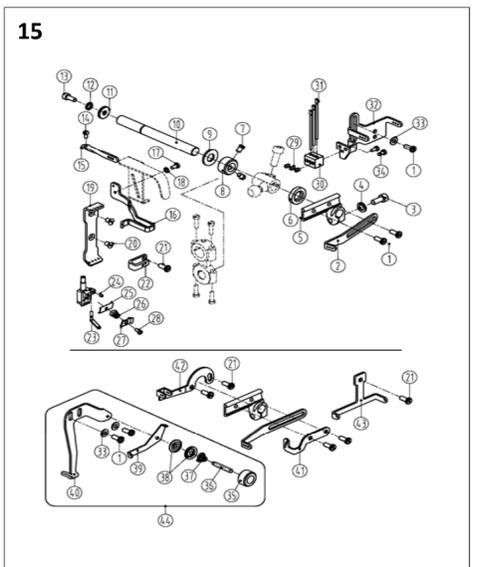
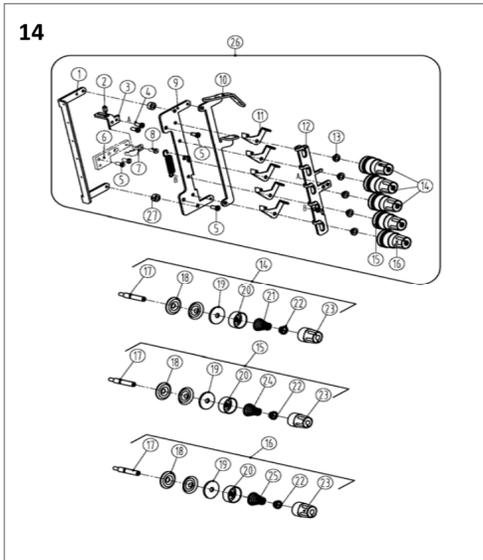
| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|-------------|-------------|-----------|
| 1 | 30103032 | 252531 | 方套 | block | 1 |
| 2 | 30109016 | 252532 | 比叉 | guide/block | 1 |
| 3 | 30105012 | 252533 | 连杆 | lever | 1 |
| 4 | S05005 | 4531 | 螺钉 M5×12 | screw | 1 |
| 5 | 301S20006 | 5316 | 连杆连接螺钉 | screw | 1 |
| 6 | 30108004 | 240271 | 挡圈 | ring | 1 |
| 7 | 301S11007 | 35827 | 挡圈螺钉 | screw | 1 |
| 8 | 301S20001 | 7066 | 护罩座固定螺钉 | screw | 1 |
| 9 | 30127005 | 252536 | 弹簧 | spring | 1 |
| 10 | 001005 | 240129 | O型圈 7.5×1.8 | o ring | 1 |
| 11 | 3011201100 | 252539A91 | 左板组件 | bracket | 1 |
| 12 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 5 |
| 13 | 30122021 | 240162 | 油封堵 | plug | 1 |
| 14 | 3011201300 | 252664-91 | 调节扳手组件 | lever assy | 1 |
| 15 | 30112015 | 252538 | 调节板 | scale plate | 1 |
| 16 | S01003 | 7021 | 螺钉 M4×12 | screw | 2 |
| 17 | 30203019 | 240124 | 调节套 | spacer | 2 |
| 18 | 20109005 | 210171 | 调节滑块 | stopper | 2 |
| 19 | 301S11008 | 2905 | 螺钉 | screw | 2 |
| 20 | W01006 | 201185 | 垫圈 4 | washer | 2 |
| 21 | 301S16004 | 210167 | 螺母 | nut | 1 |
| 22 | 301S30007 | 5486 | 调节扳手螺钉 | screw | 1 |
| 23 | 30128014 | 211301 | 垫圈 | washer | 1 |
| 24 | 301S11023 | | 挡圈螺钉(短) | screw | 1 |

13



十三、喂针部件(Needle feeding assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|--------------|-------------|-----------|
| 1 | 30117005 | 257565 | 喂针 | spreader | 1 |
| 2 | 30104022 | 254516 | 喂针架 | lever/assy | 1 |
| 3 | S01005 | 7020 | 螺钉 M4×10 | screw | 1 |
| 4 | S01017 | 7022 | 螺钉 M4×14 | screw | 1 |
| 5 | 30102023 | 254508 | 摆动轴 | crankshaft | 1 |
| 6 | 20108006 | 212039 | 挡圈 | collar | 1 |
| 7 | S10005 | S071 | 挡圈螺钉M3×3 | screw | 2 |
| 8 | 20123021 | 202176 | 油线 | oil wick | 1 |
| 9 | 30123008 | 207925 | 摆动轴油孔毛毡 | felt | 2 |
| 10 | 001008 | 233020 | O型圈 9×1.8 | o ring | 1 |
| 11 | 30105013 | 254506 | 喂针摆动连杆 | crank | 1 |
| 12 | S10029 | 4547 | 螺钉 M6×0.75×5 | screw | 2 |
| 13 | 30126005 | 254 | | | |



十四、松线部件(Thred loosing assemblies)

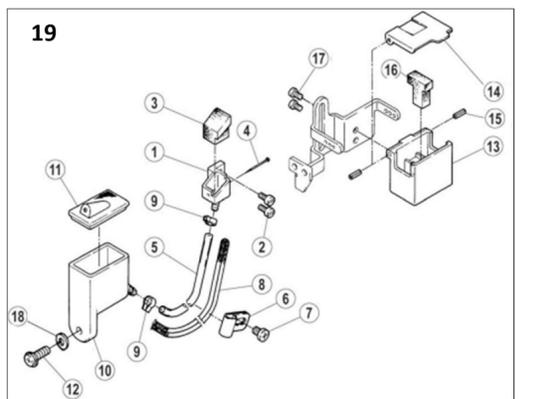
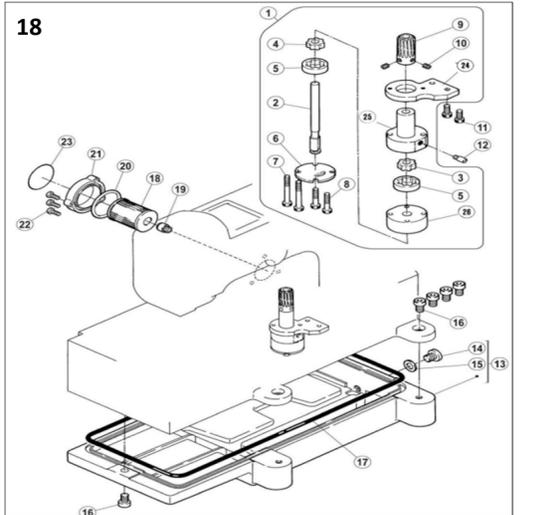
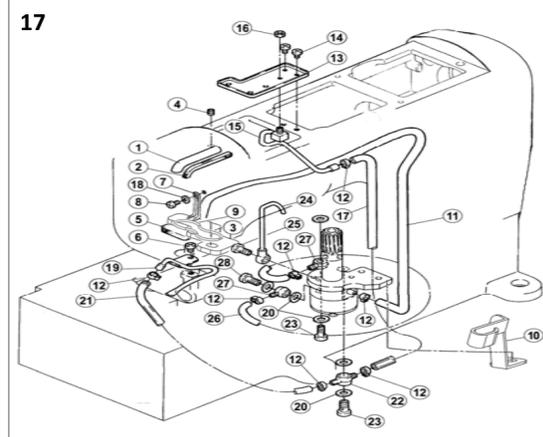
| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|---------|--------------------------------|-----------|
| 1 | 31013014 | | 松线架 | Loose thread stand | 1 |
| 2 | 3102200200 | | 松线钢丝软轴 | | 1 |
| 3 | 31012048 | | 松线拉板 | Loose line board | 1 |
| 4 | S04010 | | 螺钉 | screw | 2 |
| 5 | S01004 | | 螺钉 | screw | 4 |
| 6 | 31012044 | | 钢丝支撑板 | | 1 |
| 7 | 31012025 | | 钢丝绳压板 | Wire rope clamp | 1 |
| 8 | S01005 | | 螺钉 | screw | 1 |
| 9 | 31013007 | | 松线架 | Loose line board | 1 |
| 10 | 31013016 | | 陶瓷过线管 | The ceramic tube thread | 5 |
| 11 | 31013007 | | 三孔过线板 | thread guide | 5 |
| 12 | 31013022 | | 松线板 | Loose line board | 1 |
| 13 | 30103041 | 206202 | 调节套 | spacer | 5 |
| 14 | 3011300400 | 254010A9U | 调线组件(弱) | tension spring assembly(light) | 3 |
| 15 | 3011300500 | 254010B9U | 调线组件(中) | tension spring assembly | 1 |
| 16 | 3011300600 | 254010C9U | 调线组件(强) | tension spring assembly(light) | 1 |
| 17 | 301S30010 | 001817-2A | 夹线器 | screw stud | 1 |
| 18 | 30128016 | 210319 | 夹线片 | tension disc | 2 |
| 19 | 30123027 | | 松线夹线片垫 | felt | 1 |
| 20 | 30111005 | 208450-UA | 调压止动盖 | cup | 1 |
| 21 | 30127011 | 301037 | 调压簧(强) | spring(heavy) | 3 |
| 22 | 30111006 | 208448 | 调压止动套 | ratchet | 1 |
| 23 | 301S16006 | 208447-UA | 调压螺母 | nut | 1 |
| 24 | 30127012 | 201086 | 调压簧(中) | spring(medium) | 1 |
| 25 | 30127013 | 201088 | 调压簧(弱) | spring(light) | 1 |
| 26 | 3101300700 | 201068 | 夹线器 | tension | 1 |
| 27 | 31009004 | | 松线垫块 | block | 1 |

十五、过线部件(Thred loosing assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|----------|------------------------|-----------|
| 1 | S01004 | 7019 | 螺钉M4x7.8 | screw | 5 |
| 2 | 31013006 | 253505A | 长过线板 | thread take-up | 1 |
| 3 | S05004 | 4501 | 螺钉M5X14 | screw | 1 |
| 4 | W02001 | 303067 | 垫圈 | washer | 1 |
| 5 | 30101018 | 253504 | 过线座 | lever | 1 |
| 6 | 20622019 | | 油封 | plug | 1 |
| 7 | 301S12001 | 5084 | 曲柄螺钉 | screw | 2 |
| 8 | 30108005 | 240201 | 挡圈 | ring | 1 |
| 9 | 30128008 | | 摆架轴套圈 | washer | 1 |
| 10 | 31002001 | 253503 | 过线座轴(中轴) | shaft | 1 |
| 11 | 30128019 | 204107 | 垫片 | washer | 1 |
| 12 | W02002 | 201252 | M4垫圈 | washer | 1 |
| 13 | S05048 | 4527 | 螺钉M4X10 | screw | 1 |
| 14 | S01027 | 7009 | 螺钉M3X6 | screw | 1 |
| 15 | 31013017 | 253507 | 三孔过线 | thread guide | 1 |
| 16 | 31112009 | | 护线带 | thread support | 1 |
| 17 | S01006 | | 螺钉 | screw | 1 |
| 18 | 30128034 | | 垫圈 | washer | 1 |
| 19 | 31013005 | | 过线板 | thread guide | 1 |
| 20 | 206S30016 | 7170 | 螺钉 | screw | 2 |
| 21 | S01004 | 7018 | 螺钉M4x7.8 | screw | 4 |
| 22 | 31012045 | | U型夹线座 | thread tension bracket | 1 |
| 23 | 30112033 | 253511 | 喂针小过线 | thread guide | 1 |
| 24 | S10026 | 4554 | 螺钉M3x3 | screw | 1 |
| 25 | 30112025 | 234561 | 夹线板 | thread guide | 1 |
| 26 | 30127014 | 253517 | 调压簧 | spring | 1 |
| 27 | 30112026 | 253593 | 压线板 | tension disc | 1 |
| 28 | 301S20009 | OW09070-2 | 调线螺钉 | screw | 1 |
| 29 | S10001 | 4535 | 螺钉M3x4 | screw | 3 |
| 30 | 30113012 | 253545 | 针杆过线座 | holder | 1 |
| 31 | 30113013 | 234521 | 过线杆 | thread guide | 3 |
| 32 | 30112027 | 253544 | 硅油合固定架 | thread guide | 1 |
| 33 | W01001 | 303448 | M4垫圈 | washer | 1 |
| 34 | S01006 | 7009 | 螺钉M3x4.5 | screw | 2 |
| 35 | 302S16005 | | 调压螺母 | adjusting nut | 1 |
| 36 | 301S30055 | | 调线螺钉 | adjusting screw | 1 |
| 37 | 30127016 | 137109 | 夹线簧 | spring | 1 |
| 38 | 20112033 | 137108 | 夹线片 | thread retainer | 2 |
| 39 | 30112032 | 253547 | 喂针二眼过线 | thread guide | 1 |
| 40 | 31112008 | 253548 | 喂针过线板 | thread guide | 1 |
| 41 | 31012018 | | 过线板 | thread guide | 1 |
| 42 | 30112029 | 253514 | 喂针过线 | thread guide | 1 |
| 43 | 31013011 | 253515 | 过线板 | thread guide | 1 |
| 44 | 3111200800 | | 喂针过线组件 | thread guide | 1 |

十六、打线凸轮外移部件(Outside cam assemblies)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|--------------|-------------------|-----------|
| 1 | 30102065 | | 打线凸轮轴 | shaft | 1 |
| 2 | H03004 | | 挡圈12 | ring | 1 |
| 3 | B04017 | | 轴承6001Z | bracket | 2 |
| 4 | H01011 | | 挡圈 28 | ring | 2 |
| 5 | 30125004 | | 小同步带轮1 | small gear1 | 1 |
| 6 | 30122100 | | 油封 | plug | 1 |
| 7 | S10029 | | 螺钉 M6×0.75×5 | screw | 4 |
| 8 | 30135005 | | 小同步带 | small timing belt | 1 |
| 9 | S10002 | | 螺钉 M5×5 | screw | 2 |
| 10 | 30103071 | | 打线凸轮组件 | thread takeup | 1 |
| 11 | 201S15003 | | 挡圈螺钉 | screw | 2 |
| 12 | H01016 | | 挡圈21 | ring | 1 |
| 13 | 30103033 | | 挡油套 | oil baffle set | 1 |
| 14 | 30112231 | | 打线架 | bracket | 1 |
| 15 | B06004 | | 轴承 6801RS | bracket | 1 |
| 16 | 30108011 | | 挡圈 | washer | 1 |
| 17 | 30113045 | | 过线 | thread guide | 1 |



| | | | | | |
|----|-----------|--|---------|----------------------|---|
| 18 | S01001 | | 螺钉 M4×7 | screw | 1 |
| 19 | 30113016 | | 过线 | thread guide | 1 |
| 20 | 30213045 | | 过线 | thread guide | 1 |
| 21 | 301S30055 | | 调压螺钉 | screw | 1 |
| 22 | 10128001 | | 毛毡垫 | felt | 1 |
| 23 | 12928036 | | 小夹线垫片 | thread guide disc | 2 |
| 24 | 12927012 | | 小夹线弹簧 | pretension spring | 1 |
| 25 | 129S30012 | | 夹线螺母 | tension nut | 1 |
| 26 | L02001 | | 螺钉 M4×8 | screw | 1 |
| 27 | 30112230 | | 打线座 | bracket | 1 |
| 28 | 30227031 | | 卡簧片 | clamp | 1 |
| 29 | S04021 | | 螺钉 | screw | 2 |
| 30 | 207S11020 | | 螺钉 M3×4 | screw | 3 |
| 31 | 30112233 | | 打线片 | thread guide | 1 |
| 32 | 30313019 | | 过线片(左) | thread guide (left) | 1 |
| 33 | 30313020 | | 过线片(右) | thread guide (right) | 1 |
| 34 | W03007 | | 垫圈 | washer | 2 |
| 35 | 301S20020 | | 螺钉 | screw | 1 |

十七、润滑部件(Lubrication assemblies)

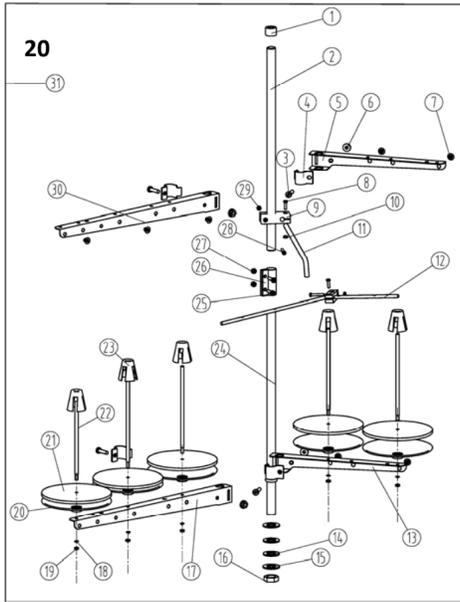
| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|-----------|-----------------|-----------|
| 1 | 30121012 | 255003 | 铜油管 | oil pipe | 1 |
| 2 | 30123010 | 240136 | 油毡 | felt | 1 |
| 3 | 30123025 | | 针杆毛毡 | felt | 1 |
| 4 | S10002 | 4514 | 螺钉 M5×5 | screw | 1 |
| 5 | 30123009 | 255021 | 油毡 | felt | 1 |
| 6 | 301S11024 | | 滑块底座螺钉 | screw | 1 |
| 7 | 30127045 | 200136 | 回油毡卡簧 | clamp | 1 |
| 8 | S01004 | 255005 | 螺钉 M4×7.8 | screw | 1 |
| 9 | 30127060 | | 毛毡卡簧 | clamp | 1 |
| 10 | 30112186 | | 油管固定架 | supporting | 1 |
| 11 | 12921002 | 240135 | 维尼龙油管 | tube | 1 |
| 12 | 20429001 | 202199 | 油管卡簧 | clamp | 8 |
| 13 | 30112039 | 255006 | 接油盘 | oil guard | 1 |
| 14 | S10002 | 7017 | 螺钉 M4×6.5 | screw | 2 |
| 15 | 3012101500 | 255007-91 | 喷油管组 | oil distributor | 1 |
| 16 | N01001 | 4821 | 螺母 M4 | nut | 1 |
| 17 | 30121022 | 240134 | Φ4×Φ6油管 | tube | 1 |
| 18 | W01001 | 303448 | 垫圈 4 | ring | 1 |
| 19 | 30121009 | 255010-91 | 喷油管 | oil distributor | 1 |
| 20 | 20122033 | | 垫片 | washer | 6 |
| 21 | 30121022 | 240134 | Φ4×Φ6油管 | tube | 1 |
| 22 | 30136004 | 200136 | 双头油管接头 | joint | 1 |
| 23 | 301S30013 | 200152 | 过油螺钉 | joint screw | 2 |
| 24 | 30136003 | 255035-91 | 铜油管接头 | pipe | 1 |
| 25 | 301S30012 | 255037 | 油管螺钉 | screw | 1 |
| 26 | 30121022 | 240134 | Φ4×Φ6油管 | tube | 1 |
| 27 | 30136001 | 200136 | 油管接头 | joint | 2 |
| 28 | 201S30004 | 200152 | 过油螺钉 | joint screw | 1 |

十八、油泵部件(Oil pump assemblies)

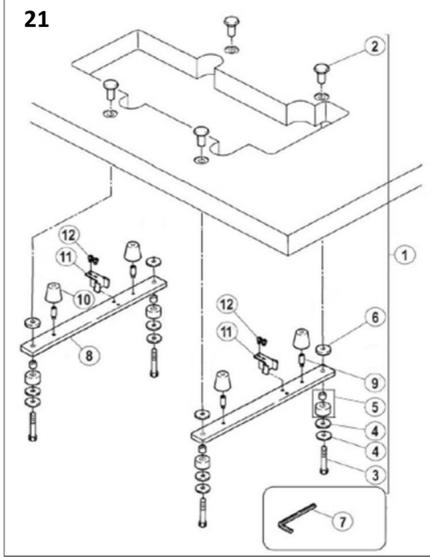
| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|------------|--------------|--------------------|---------------|-----------------|-----------|
| 1 | 3012000100 | 255040-91 | 油泵组件 | oil pump assy | 1 |
| 2 | 30102031 | 255024 | 油泵轴 | shaft | 1 |
| 3 | 30120004 | 255025 | 主动轮2 | rotor | 1 |
| 4 | 30120007 | 255026 | 主动轮1 | rotor | 1 |
| 5 | 30120005 | 255027 | 从动轮 | rotor | 2 |
| 6 | 30120008 | 255028 | 油泵盖 | cover | 1 |
| 7 | 301S20011 | 7105 | 油泵螺钉 | screw | 2 |
| 8 | S05006 | 7026 | 螺钉 M4×25 | screw | 2 |
| 9 | 30125003 | 255019 | 油泵蜗轮 | worm wheel | 1 |
| 10 | S10002 | 4514 | 螺钉 M5×5 | screw | 2 |
| 11 | S05004 | 4501 | 螺钉 M5×14 | screw | 2 |
| 12 | 301S30014 | | 过油螺钉 | joint screw | 1 |
| 13 | 30101023 | 255000 | 油盘 | oil reservoir | 1 |
| 14 | 301S11015 | 5138B | 堵油螺钉 | screw | 1 |
| 15 | 20528014 | 202287A | 垫圈 | washer | 1 |
| 16 | S05007 | 4504 | 螺钉 M8×20 | screw | 5 |
| 17 | 30122025 | 255001 | 油盘密封圈 | o ring | 1 |
| 18 | 20136001 | 206233 | 滤油器 | filter element | 1 |
| 19 | 201S30030 | 210200 | 滤油器接头 | bracket/filter | 1 |
| 20 | 001010 | 206431 | O型圈 38.7×3.55 | o ring | 1 |
| 21 | 300140 | 210201-SD | 滤油器盖 | cover | 1 |
| 22 | S01003 | 7021 | 螺钉 M4×12 | screw | 3 |
| 23 | 30131004 | 9A3002 | 提示说明 | filter seal | 1 |
| 24 | 30120002 | | 油泵固定板 | fixed plank | 1 |
| 25 | 30220001 | | 油泵体(上) | oil pump (up) | 1 |
| 26 | 30120006 | | 油泵体(下) | oil pump (down) | 1 |

十九、硅油盒装置部件(Silicon oil delice assemblies)

| | | | | | |
|----|----------|-----------|-----------|---------------|---|
| 1 | 30101027 | 255013 | 机针冷却器 | needle cooler | 1 |
| 2 | S01027 | 7010 | 螺钉 M3×6 | screw | 2 |
| 3 | 30123012 | 255014 | 油毡 | felt | 1 |
| 4 | 30126009 | 210766 | 销 | pin | 1 |
| 5 | 30121021 | 240117 | Φ5×Φ7油管 | tube | 1 |
| 6 | 30127020 | 206115 | 油管压簧片 | bracket | 1 |
| 7 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 1 |
| 8 | 20123021 | 202175 | 油线 | oil wick | 1 |
| 9 | 20429001 | 202199 | 油管卡簧(小) | clamp | 2 |
| 10 | 30101026 | 255015 | 下硅油盒 | silicone oil | 1 |
| 11 | 30122026 | 255016 | 下硅油盒盖 | cap | 1 |
| 12 | S01005 | 7020 | 螺钉 M4×10 | screw | 1 |
| 13 | 30111070 | 207066-UD | 上硅油盒(塑料) | silicone oil | 1 |
| 14 | 30112040 | 207067-UD | 硅油盒盖 | cap | 1 |
| 15 | P03008 | 206781 | 销 2×6 | pin | 2 |
| 16 | 30123011 | 207068 | 硅油棉 | felt | 1 |
| 17 | S01006 | 7009 | 螺钉 M3×4.5 | screw | 2 |
| 18 | W01001 | 303448 | 垫圈 4 | washer | 1 |

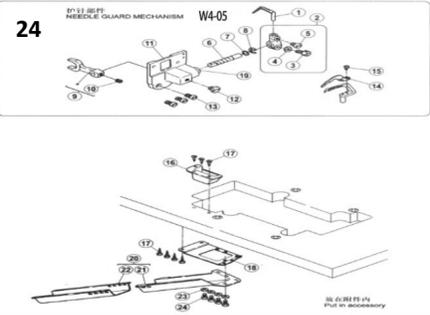


台板部件 (放在附件内)
machine table mechanism (put in accessory)



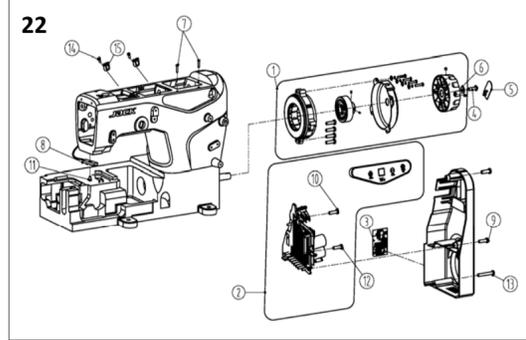
二十一、油盘托板部件(Oil plate assemblies)

| 序号 Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|---------------|-----------------|-----------------------|-------------|----------------------|--------------|
| 1 | 3010103200 | 9048 | 安装螺钉 (一套) | screw(set) | 1 |
| 2 | 20131028 | 206336 | 托盘固定螺母 | nut | 4 |
| 3 | 20131027 | 4512 | 托板内六角螺钉 | bolt | 4 |
| 4 | 20131029 | 206337 | 大垫圈 | washer | 8 |
| 5 | 20131030 | 205764 | 防振套 | rubber cushion | 4 |
| 6 | 30122031 | 205467 | 减震垫圈 | spacer | 4 |
| 7 | 20131056 | 272 | 内六角扳手 (5mm) | allen key driver/5mm | 1 |
| 8 | 30112198 | 259000 | 油盘托板 | rest board | 2 |
| 9 | 301S30018 | 7093 | 螺钉 | screw | 4 |
| 10 | 30122029 | 206338 | 橡胶减振垫 | rubber cushion | 4 |
| 11 | 30112041 | 206329 | 链条挡板 | treadle chain guide | 2 |
| 12 | S01011 | 7027 | 螺钉 M5×10 | screw | 4 |



二十、线架部件(Thread spool assemblies)

| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|-----------------|-----------------------|----------|---------------------------|--------------|
| 1 | 20131019 | | 棒帽 | Rod Cap | 1 |
| 2 | 20131001 | | 上管 | Upper thread column | 1 |
| 3 | 20131020 | | 导线环螺钉 | Screw | 4 |
| 4 | 20131016 | | 导线环 | Thread spool tray bracket | 1 |
| 5 | 20131016 | | 导线架 | Thread spool tray bracket | 1 |
| 6 | 201S16006 | | 导线环螺母 | Thread guide hook nut | 4 |
| 7 | 20131018 | | 过线环 | Thread guide hook | 5 |
| 8 | 20131021 | | 棒架螺钉 | Screw | 2 |
| 9 | 20131009 | | 棒架 | Clamp plate | 1 |
| 10 | 201S16004 | | 螺母 | Nut | 4 |
| 11 | 20131011 | | 导线棒 | Thread guide bar | 1 |
| 12 | 30113019 | | 过线棒 | Thread guide | 4 |
| 13 | 20131017 | | 托线架 | Thread spool tray bracket | 1 |
| 14 | 20122049 | | 防震垫 | Plate dog link washer | 2 |
| 15 | 20128025 | | 下管垫圈 | Lower washer | 2 |
| 16 | 201S16005 | | 螺母 | Nut | 1 |
| 17 | 20131004 | | 托线架 | Thread spool tray bracket | 1 |
| 18 | 20128018 | | 垫圈 | Washer | 5 |
| 19 | 201S16004 | | 螺母 | Nut | 4 |
| 20 | 20131007 | | 线盘 | Spool tray | 5 |
| 21 | 20131010 | | 线盘垫 | Spool tray cushioning | 5 |
| 22 | 20131006 | | 线托棒 | Spool pin | 5 |
| 23 | 20131008 | | 线圈定位套 | Spool Cushion | 5 |
| 24 | 20131004 | | 托线架 | Thread spool tray bracket | 1 |
| 25 | S04050 | | 螺钉 M5×15 | Screw | 2 |
| 26 | 20131003 | | 套 | Bushing | 1 |
| 27 | N01030 | | 套螺母 | Nut | 2 |
| 28 | 20131022 | | 棒架螺钉 | Screw | 2 |
| 29 | 201S16004 | | 螺母 | Nut | 4 |
| 30 | 20131015 | | 导线架 | Threadspooltray bracket | 1 |
| 31 | 20131074 | | 线架组件 | Thread stand component | 1 |

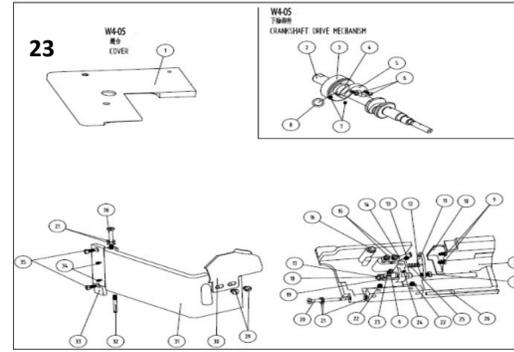


二十二、DI部件专用件(DI specific parts)

| 序号 Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|--------------|-----------------|-----------------------|----------|-------------------------|--------------|
| 1 | 3103300100 | | 缝线光电伺服电机 | electrical machine | 1 |
| 2 | 3103000500 | | 电控组件 | electrically controlled | 1 |
| 3 | 20131063 | | 警示牌 | washer | 1 |
| 4 | 207s11026 | | 螺钉 | plug | 1 |
| 5 | 21111018 | | 塑料logo | logo | 1 |
| 6 | 21228001 | | 垫片 | washer | 1 |
| 7 | 310s17001 | | 螺钉 | screw | 2 |
| 8 | 3103000300 | | LED灯 | LED light | 1 |
| 9 | S05004 | | 螺钉M5×10 | screw | 2 |
| 10 | S05003 | | 螺钉M5×10 | screw | 1 |
| 11 | s05190 | | 螺钉M3×6 | screw | 1 |
| 12 | S05068 | | 螺钉M5×20 | screw | 1 |
| 13 | S05003 | | 螺钉M5×35 | screw | 1 |
| 14 | 207S11007 | | 螺钉M5×5.5 | screw | 2 |
| 15 | 20711210 | | 线夹 | clip | 2 |

二十四、O5专用部件(O5 specific parts)

| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|-----------------|-----------------------|-----------|---------------------|--------------|
| 1 | 30117002 | 357551B | 后护针挡 | needle guard(rear) | 1 |
| 2 | 30117007 | 251505-92 | 护针挡架组件 | lever assy | 1 |
| 3 | S05003 | 4500 | 螺钉 M5×10 | bolt | 1 |
| 4 | W02001 | 303067 | 垫圈 | washer | 1 |
| 5 | S01002 | 7017 | 螺钉 M4×6.5 | screw | 1 |
| 6 | 30102037 | 251503 | 护针轴 | shaft | 1 |
| 7 | W01021 | | 垫片 | washer | 1 |
| 8 | H05013 | 202522 | 挡圈 | ring | 1 |
| 9 | 400064 | 251504 | 叉架 | lever | 1 |
| 10 | S10002 | 4514 | 螺钉 M5×5 | screw | 1 |
| 11 | 30101036 | 251500-91 | 护针轴座 | bracket | 1 |
| 12 | 301S11016 | 7081 | 螺钉 | screw | 1 |
| 13 | S01004 | 7019 | 螺钉 M4×7.8 | screw | 3 |
| 14 | 30117003 | | 前护针挡 | needle guard(front) | 1 |
| 15 | S01012 | | 螺钉 M2.5×4 | screw | 1 |
| 16 | 30111013 | 306473-UA | 挡料斗 | waste chute top(C) | 1 |
| 17 | 301S30019 | 4905 | 木螺钉 | screw | 7 |
| 18 | 30112048 | 306474A | 托板 | bracket | 1 |
| 19 | 30103046 | | 套筒 | bushing | 1 |
| 20 | 3011101400 | | 排料筒座组件 | waste chute assy | 1 |
| 21 | 30111014 | 205468-UA | 排料筒座 | waste chute top(A) | 1 |
| 22 | 30111015 | 205469-UA | 排料筒 | waste chute top(B) | 1 |
| 23 | 30128036 | | 垫片 | washer | 1 |
| 24 | S01005 | 7020 | 螺钉 M4×10 | screw | 4 |



二十五、O5专用部件(O5 specific parts)

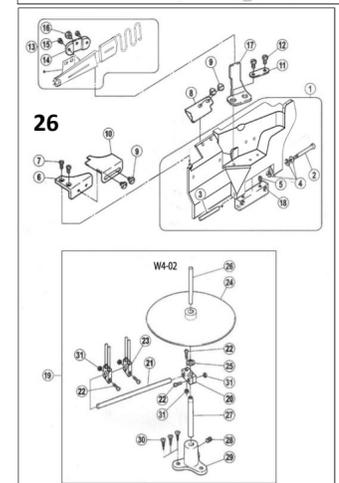
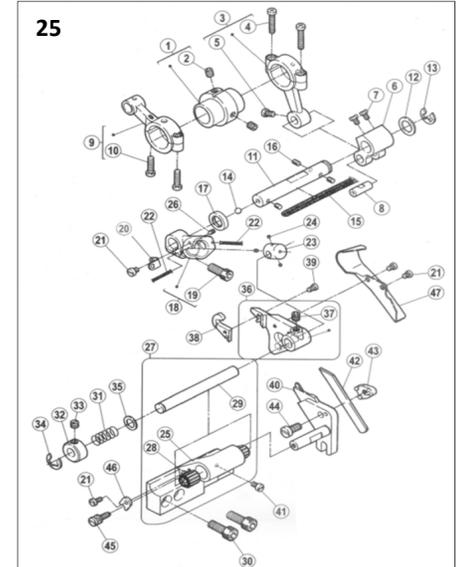
| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|-----------------|-----------------------|--------------|--------------------|--------------|
| 1 | 30110009 | 255500 | 凸轮 | eccentric assy | 1 |
| 2 | S10006 | 4539 | 螺钉 M5×6 | screw | 2 |
| 3 | 400062 | | 连杆组件 | eccentric assy | 1 |
| 4 | S01008 | | 螺钉 M3.5×13 | screw | 4 |
| 5 | S01010 | | 螺钉 M4×8 | screw | 1 |
| 6 | 30104007 | | 弯针曲柄 | crank | 1 |
| 7 | 301S12001 | | 螺钉 | screw | 2 |
| 8 | 30101161 | | 曲柄销 | pin | 1 |
| 9 | 400063 | | 弯针摆动连杆 | connection assy | 1 |
| 10 | S01008 | | 螺钉 M3.5×13 | screw | 2 |
| 11 | 30102038 | 255502 | 曲柄轴 | shaft | 1 |
| 12 | 30128008 | 240102 | 护针轴垫圈 | washer | 1 |
| 13 | H05001 | | 垫圈10 | ring | 1 |
| 14 | 30209009 | | 差动轴滚珠 | ball | 1 |
| 15 | 30123014 | | 油线 | oil wick | 1 |
| 16 | 30123001 | | 毛毡 | felt | 3 |
| 17 | 30122019 | | 油封 | oil seal | 1 |
| 18 | 30104028 | 255503 | 摆轴曲柄 | lever assy | 1 |
| 19 | S05004 | | 螺钉 M5×14 | screw | 1 |
| 20 | 30112049 | 255504 | 挡板 | latch | 1 |
| 21 | S01006 | 7009 | 螺钉 M3×4.5 | screw | 4 |
| 22 | 30123015 | | 油线 | oil wick | 2 |
| 23 | 30102039 | 255505 | 摆轴 | shaft | 1 |
| 24 | 30123008 | | 毛毡 | felt | 3 |
| 25 | 30101040 | | 刀座 | bracket assy | 1 |
| 26 | S12002 | | 螺钉 M3×4 | screw | 1 |
| 27 | 3010104000 | | 刀座组件 | bracket assy | 1 |
| 28 | 30103085 | | 刀座套筒 | needle bearing | 2 |
| 29 | 30102040 | 255508-2 | 下刀座轴 | shaft | 1 |
| 30 | S05019 | | 螺钉 M6×16.3 | screw | 2 |
| 31 | 30127022 | 306105 | 弹簧 | spring | 1 |
| 32 | 30108006 | 192024 | 挡圈 | ring | 1 |
| 33 | 209S14008 | W00024-1 | 螺钉 | screw | 1 |
| 34 | H05013 | 202522 | 挡圈 | ring | 1 |
| 35 | 30128026 | 207045 | 垫片 | washer | 1 |
| 36 | 30101037 | 255507-91 | 上刀架 | upper knife holder | 1 |
| 37 | S12003 | 4547 | 螺钉 M6×0.75×5 | screw | 1 |
| 38 | 30119001 | 306394 | 上刀 | upper knife | 1 |
| 39 | 301S11017 | 5109 | 上刀固定螺钉 | screw | 1 |
| 40 | 30101039 | 255509 | 下刀架 | lower knife holder | 1 |
| 41 | 301S1025 | 7036 | 护针曲柄螺钉 | screw | 1 |
| 42 | 20619004 | 204161 | 下刀 | lower knife | 1 |
| 43 | 30101038 | 255510 | 下刀挡板 | lower knife clamp | 1 |
| 44 | S01011 | 7028 | 螺钉 M5×10 | screw | 1 |
| 45 | 301S30021 | 255513 | 调节螺钉 | screw | 1 |
| 46 | 30112051 | 255511 | 挡片 | guide | 1 |
| 47 | 30112050 | 255515 | 除削板 | chip guard | 1 |

二十六、O2专用部件(O2 specific parts)

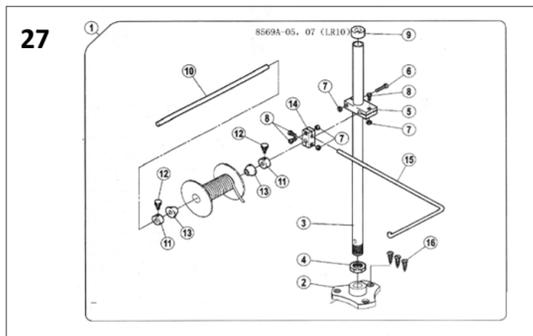
| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|-----------------|-----------------------|----------|-----------------------|--------------|
| 1 | 303796 | 250033-SD | 前罩缝台组件 | front cover | 1 |
| 2 | 301S20002 | 250013 | 前罩缝台座螺钉 | screw | 1 |
| 3 | 301S20003 | 250014 | 前罩缝台座螺钉 | screw | 1 |
| 4 | 30128002 | 201191 | 弹簧垫圈 | spring | 3 |
| 5 | S10002 | | 螺钉 M5×5 | screw | 2 |
| 6 | 300130 | 250050-SD | 前罩缝台挡板座 | front cover(small) | 1 |
| 7 | S01011 | 7028 | 螺钉 M5×10 | screw | 2 |
| 8 | 30112061 | 206601A | 缝料挡板 | fabric guard | 1 |
| 9 | S01065 | 7079 | 螺钉 M5×6 | screw | 4 |
| 10 | 30112060 | 206439 | 前罩缝台挡板 | auxiliary plate/front | 1 |
| 11 | 30112063 | 206460 | 龙头架垫 | washer | 1 |
| 12 | S01011 | 7028 | 螺钉 M5×10 | screw | 2 |
| 13 | 3011206800 | | 龙头组件 | bracket assy | 1 |
| 14 | 30109019 | 201913 | 龙头固定板 | bracket | 1 |
| 15 | 301S11021 | 5113 | 螺钉 | screw | 2 |
| 16 | L02009 | | 螺栓 M6×10 | bolt | 1 |
| 17 | 30112062 | 201914 | 龙头架 | bracket | 1 |
| 18 | 30101063 | 250012 | 前罩缝台座 | bracket | 1 |
| 19 | 3011101800 | | 托盘组件 | bracket assy | 1 |
| 20 | 30111020 | 256-SA | 托盘导棒架 | bracket | 1 |
| 21 | 30113023 | 255 | 带子导座 | guider post bar | 1 |
| 22 | S04004 | | 螺母 M4×15 | nut | 4 |
| 23 | 301010500 | | 尖带座组件 | holder assy | 2 |
| 24 | 30111019 | 247-SA | 带子托盘 | tape disc | 1 |
| 25 | 30128029 | 270 | 托盘垫圈 | washer | 1 |
| 26 | 30103060 | 253 | 托盘上棒 | tape disc bar | 1 |
| 27 | 30103061 | 250 | 托盘下棒 | tape disc bar | 1 |
| 28 | S09002 | 1448 | 螺栓 M6×6 | bolt | 1 |

二十三、O5专用部件(O5 specific parts)

| 序号 | 公司件号 | 参考件号 | 名称 | Description | 数量 |
|----|------------|-----------|------------|-------------------|----|
| 1 | 300471 | 250052 | 左缝台盖 | bed cover | 1 |
| 2 | 400068 | 250501-91 | 下轴 | crankshaft assy | 1 |
| 3 | 3012400300 | | 油封轴承 | bushing | 1 |
| 4 | 30103003 | 250504 | 前轴套 | bushing | 1 |
| 5 | 30109002 | 250534 | 下轴平衡块 | balance weight | 1 |
| 6 | S01009 | | 螺钉 M3×7.5 | screw | 3 |
| 7 | S10006 | 4539 | 螺钉 M5×6 | screw | 2 |
| 8 | 001001 | | O型圈15×2.65 | O ring | 1 |
| 9 | S01001 | 7018 | 螺钉 M4×7 | screw | 2 |
| 10 | 30112045 | 250025-ME | 前挡板 | font cover(small) | 1 |
| 11 | 30112046 | 250026 | 定位板 | bracket | 1 |
| 12 | 30126010 | 306920 | 平行销 | pin | 1 |
| 13 | S10002 | 4514 | 螺钉 M5×5 | screw | 1 |
| 14 | 30127001 | 250051 | 前罩簧 | flat spring | 1 |
| 15 | S01002 | 7017 | 螺钉 M4×6.5 | screw | 2 |
| 16 | 30122015 | | 前罩防振垫 | cushion | 1 |
| 17 | 30102110 | 250027 | 前罩挡板轴 | shaft | 1 |
| 18 | 30112160 | 250028 | 挡板 | stopper | 1 |
| 19 | 30103160 | | 套筒 | bushing | 1 |
| 20 | 301S20002 | 250013 | 前罩缝台座螺钉 | screw | 1 |
| 21 | 30128002 | 201191 | 弹簧垫圈 | spring | 5 |
| 22 | S10006 | 4539 | 螺钉 M5×6 | screw | 2 |
| 23 | W01002 | | 垫片 | washer | 1 |
| 24 | S10026 | 4554 | 螺钉 M3×3 | screw | 1 |
| 25 | 11727007 | | 弹簧 | spring | 1 |
| 26 | 301S20003 | 250014 | 前罩缝台座螺钉 | pin | 1 |
| 27 | S01011 | 7028 | 螺钉 M5×10 | screw | 1 |
| 28 | 30101161 | | 前罩缝台座 | arm cover (top) | 1 |
| 29 | 301S11020 | 7074 | 螺钉 | screw | 2 |
| 30 | 30112044 | 255517 | 左挡板 | fabric guide | 1 |
| 31 | 30101034 | 250035A | 侧盖 | side cover assy | 1 |
| 32 | 301S20005 | | 销螺钉 | pin | 1 |
| 33 | 300793 | | 侧盖合扇 | cover | 1 |
| 34 | S10001 | | 螺钉M3×4 | screw | 2 |
| 35 | S01005 | 7020 | 螺钉 M4×10 | screw | 3 |
| 36 | 301S20004 | | 侧盖合扇螺钉 | screw | 1 |

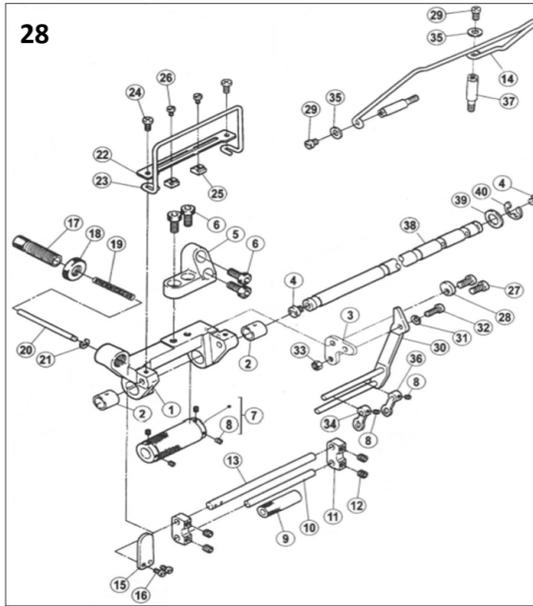


| | | | | | |
|----|-----------|--------|------|---------|---|
| 29 | 30101049 | 251-SA | 托盘座 | bracket | 1 |
| 30 | 301S30020 | 4913 | 木螺钉 | screw | 3 |
| 31 | N01001 | | 螺母M4 | nut | 4 |



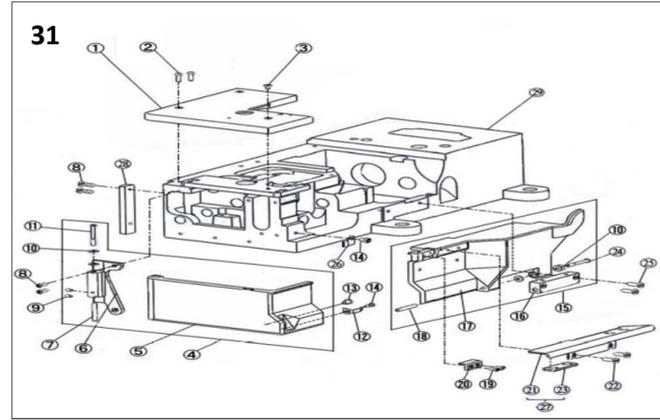
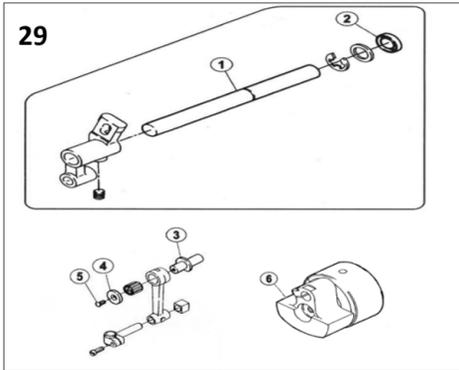
二十七、05、07专用部件 (05、07 specific parts)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|------------|-----------------|-----------|
| 1 | 3010204100 | 306469A9S | 带子组件 | reel stand assy | 1 |
| 2 | 30103047 | 306468-SA | 支柱盘 | bracket | 1 |
| 3 | 30102042 | 306466-SA | 支柱 | rod | 1 |
| 4 | N02001 | | 螺母SM3/4×16 | nut | 1 |
| 5 | 30111008 | 383-SA | 棒架 | bracket | 1 |
| 6 | S04003 | | 螺钉 M4×25 | screw | 1 |
| 7 | N01005 | | 螺母 M4 | nut | 4 |
| 8 | S04004 | | 螺钉 M4×15 | screw | 3 |
| 9 | 30122027 | 386 | 棒帽 | rod cap | 1 |
| 10 | 30102043 | 306464 | 带架直棒 | shaft | 1 |
| 11 | 30103048 | 306463 | 轴古 | collar | 2 |
| 12 | S01068 | | 螺钉 M4×8 | screw | 2 |
| 13 | 30103064 | 306462 | 轴锥架 | reel guide | 2 |
| 14 | 30111009 | 233-SA | 固定器 | bracket | 1 |
| 15 | 30113020 | 306467 | 带架棒 | rod | 1 |
| 16 | 301S30022 | 4913 | 木螺钉 | screw | 3 |



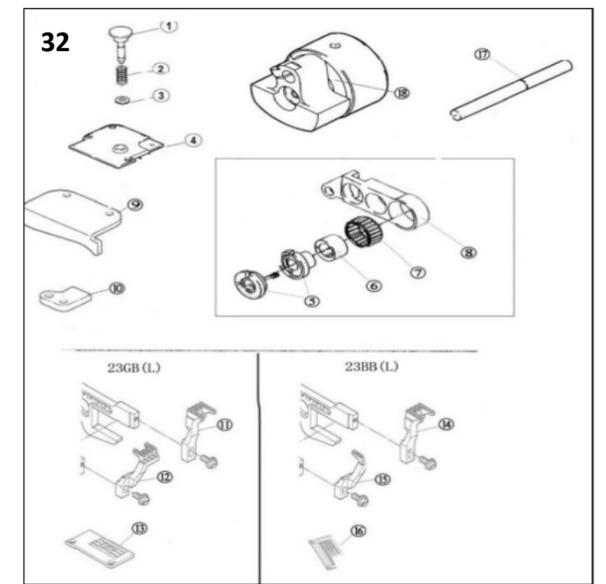
二十八、05、07专用部件 (05、07 specific parts)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|------------|--------------|-----------|
| 1 | 300144 | | 压带架座 | bracket assy | 1 |
| 2 | 30103055 | | 套筒 | bushing | 2 |
| 3 | 30112058 | | 夹带连接板 | bracket | 1 |
| 4 | 301S11020 | 255515 | 压带轴螺钉 | screw | 2 |
| 5 | 300143 | | 压带架支座 | bracket | 1 |
| 6 | S05019 | | 螺钉 M6×16.3 | screw | 4 |
| 7 | 3010305700 | | 压带轴组件 | roller assy | 1 |
| 8 | S10005 | | 螺钉 M3×3 | screw | 6 |
| 9 | 30103059 | | 压带轴II | rooler | 1 |
| 10 | 30102045 | | 夹带短轴 | shaft | 1 |
| 11 | 30109018 | 255502 | 夹带轴架 | bracket | 2 |
| 12 | S10002 | 240102 | 螺钉 M5×5 | screw | 4 |
| 13 | 30102046 | | 夹带长轴 | shaft | 1 |
| 14 | 30113021 | | 带子架 | lace guide | 1 |
| 15 | 30112059 | | 手柄 | lever | 1 |
| 16 | S01027 | | 螺钉 M3×5 | screw | 2 |
| 17 | 301S30027 | | 调节螺钉 | screw | 1 |
| 18 | 301S16011 | 255503 | 调节螺母 | nut | 1 |
| 19 | 30127024 | | 弹簧 | spring | 1 |
| 20 | 30126013 | 255504 | 销轴 | shaft | 1 |
| 21 | H05002 | 7009 | 挡圈5 | ring | 1 |
| 22 | 30112055 | | 压带板 | guide | 1 |
| 23 | 30113022 | 255505 | 压带架 | lace guide | 1 |
| 24 | S01002 | | 螺钉 M4×6.5 | screw | 2 |
| 25 | 301S16010 | | 位置挡块 | guide | 2 |
| 26 | 301S11018 | | 螺钉 | screw | 2 |
| 27 | S01004 | | 螺钉 M4×7.8 | screw | 2 |
| 28 | 30128028 | | 偏心垫 | stopper | 1 |
| 29 | S01004 | 255508-2 | 螺钉 M4×7.8 | screw | 2 |
| 30 | 3011205600 | | 夹带架组件 | bracket assy | 1 |
| 31 | 30128020 | 306105 | 垫片 | spring | 1 |
| 32 | S05048 | 192024 | 螺钉 M4×10 | screw | 1 |
| 33 | N01001 | W00024-1 | 螺母 M4 | nut | 1 |
| 34 | 30105017 | 202522 | 夹带连杆 I | lace guide | 1 |
| 35 | W01004 | 207045 | 垫圈5 | washer | 2 |
| 36 | 30105018 | 255507-91 | 夹带连杆 II | lace guide | 1 |
| 37 | 301S30025 | 4547 | 台螺钉 | screw | 2 |
| 38 | 30103044 | 255513 | 压带轴 | shaft | 1 |
| 39 | 30128008 | 255511 | 摆架轴垫圈 | washer | 1 |
| 40 | H05001 | 255506 | 挡圈10 | ring | 1 |



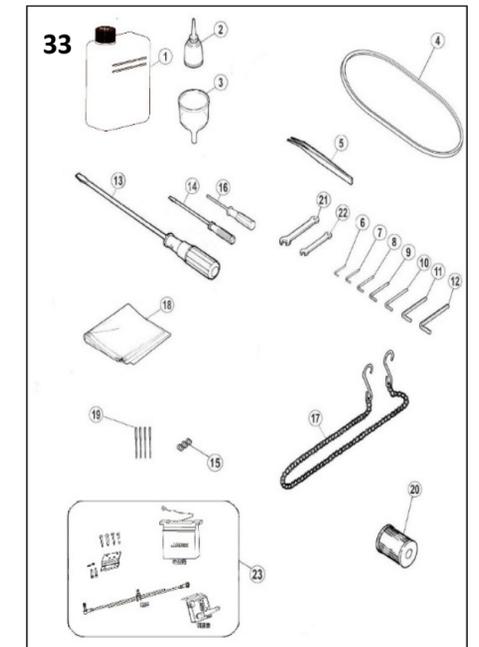
三十一、W4N专用部件 (W4N specific parts)

| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|------------|------------------|-----------|
| 1 | 300953 | | 左缝台盖 (喷漆) | bed cover (left) | 1 |
| 2 | S01003 | 7021 | 螺钉 M4×12 | screw | 2 |
| 3 | S02001 | 7043 | 螺钉 M4×6 | screw | 1 |
| 4 | 300952 | | 侧盖组件 (喷漆) | side coverassy | 1 |
| 5 | 30101111 | | 侧盖 | side cover | 1 |
| 6 | 30101112 | | 侧盖合扇 | cover | 1 |
| 7 | 301S20005 | | 销螺钉 | pin | 1 |
| 8 | S01005 | 7020 | 螺钉 M4×10 | screw | 4 |
| 9 | S10001 | | 螺钉M3×4 | screw | 2 |
| 10 | 30128002 | 201191 | 弹簧垫圈 | spring | 5 |
| 11 | 301S20004 | | 侧盖合扇销钉 | screw | 1 |
| 12 | 30127030 | | 侧前锁紧簧 | flat spring | 1 |
| 13 | 30122015 | | 前罩防振垫 | cushion | 1 |
| 14 | S01002 | 7017 | 螺钉 M4×6.5 | screw | 2 |
| 15 | 300951 | | 加宽前门板组件 | front coverasy | 1 |
| 16 | 30101063 | | 前罩缝台座 | bracket | 1 |
| 17 | 30101110 | | 前门板 | front cover | 1 |
| 18 | 301S20003 | 250014 | 前罩缝台座螺钉 | pin | 1 |
| 19 | S01006 | 7009 | 螺钉 M3×4.5 | screw | 2 |
| 20 | 30209018 | | 针板座接块 | block | 1 |
| 21 | 30112097 | | 加宽前门板接板 | block | 1 |
| 22 | S01065 | 7079 | 螺钉 M5×6 | screw | 2 |
| 23 | 30112098 | | 加宽前门板接板垫块 | baseplate | 1 |
| 24 | 301S20002 | 250013 | 前罩缝台座螺钉 | screw | 1 |
| 25 | S01007 | 7023 | 螺钉 M4×13.5 | screw | 2 |
| 26 | 30112095 | | 侧前锁紧舌 | flat spring | 1 |
| 27 | 302525 | | 加宽前门板接板组件 | front coverasy | 1 |
| 28 | 300955 | | 盖板 | cover | 1 |
| 29 | 302109 | | 机壳 | machine frame | 1 |



三十二、23专用部件 (23 specific parts)

| 序号 Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|----------------|--------------------|-----------|
| 1 | 30126016 | | 针距调节按钮 | pin | 1 |
| 2 | 30127026 | | 针距调节簧 | spring | 1 |
| 3 | 12928008 | | 平垫圈 | washer | 1 |
| 4 | 30101162 | | 下节左盖 | cover | 1 |
| 5 | 3010308900 | | 调节器套组 (大针距) | eccentric retainer | 1 |
| | 30103150 | | 送布调节器 | regulator | 1 |
| 6 | 30103100 | | 偏心轴承套 (大针距) | eccentric | 1 |
| 7 | B07043 | | 轴承19×23×10 | needle bearing | 1 |
| 8 | 30104060 | | 差动送布架 (大针距) | Link/main feed | 1 |
| 9 | 30109025 | | 左挡板 | guide (left) | 1 |
| 10 | 30109026 | | 挡板 | guide (lower) | 1 |
| 11 | 30114028 | | 送布牙 (356/364) | main feed dog | 1 |
| 12 | 30114029 | | 差动牙 (356/364) | differential feed | 1 |
| 13 | 30115041 | | 23GB针板 (356) | needle plate | 1 |
| | 30115042 | | 23GB针板 (364) | needle plate | 1 |
| 14 | 30114030 | | 送布牙 (356/364) | main feed dog | 1 |
| 15 | 30114031 | | 差动牙 (356/364) | differential feed | 1 |
| 16 | 30115045 | | 2302BB针板 (356) | needle plate | 1 |
| | 30115046 | | 2302BB针板 (364) | needle plate | 1 |
| 17 | 30102051 | | 摆轴 | shaft | 1 |
| 18 | 400308 | | 针杆曲柄 | motion assy | 1 |



三十三、附件部件 (Accessories assemblies)

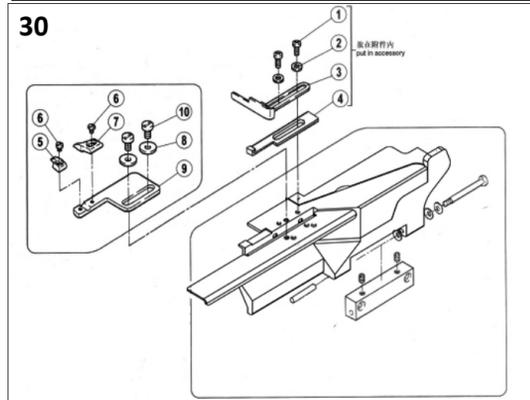
| 序号Ref. No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|-----------|--------------|--------------------|----------------|------------------------|-----------|
| 1 | 20131037 | | 油壶 (大) | oil container | 1 |
| 2 | 20131038 | | 小油壶 (尖嘴) | oiler | 1 |
| 3 | 20131039 | | 漏斗 | oil funnel | 1 |
| 4 | 30135004 | | 皮带 (非直驱专用) | leather belt | 1 |
| 5 | 20131051 | | 镊子 | tweezers | 1 |
| 6 | 30131007 | | 内六角扳手 (1.5mm) | allen key driver/1.5mm | 1 |
| 7 | 20131046 | | 内六角扳手 (2mm) | allen key driver/2mm | 1 |
| 8 | 30131010 | | 内六角扳手 (2.5mm) | allen key driver/2.5mm | 1 |
| 9 | 30131012 | | 内六角扳手 (3mm) | allen key driver/3mm | 1 |
| 10 | 20131047 | | 内六角扳手 (4mm) | allen key driver/4mm | 1 |
| 11 | 20131056 | | 内六角扳手 (5mm) | allen key driver/5mm | 1 |
| 12 | 30131026 | | 内六角扳手 (6mm) | allen key driver/6mm | 1 |
| 13 | 20731047 | | 螺丝刀 (大) | screwdriver (large) | 1 |
| 14 | 10131004 | | 螺丝刀 (小) | screwdriver (small) | 1 |
| 15 | S10005 | | 螺钉 M3×3 | screw | 3 |
| 16 | 20131044 | | 内六角扳手 (1.5mm直) | allen key driver/1.5mm | 1 |
| 17 | 30131018 | | 链条 (非直驱、DI专) | chain | 1 |
| 18 | 10131005 | | 机头罩 | dust cover | 1 |
| 19 | 30117001 | | 机针 | needle | 4 |
| 20 | 20136001 | | 滤油器 | filter element | 1 |
| 21 | 30131005 | | 扳手 (7mm-9mm) | wrench/(7mm-9mm) | 1 |
| 22 | 30131006 | | 扳手 (8mm-10mm) | wrench/(8mm-10mm) | 1 |
| 23 | 3013001100 | | 直驱控制器 (直驱专用) | DI Special Part | 1 |

二十九、21、22专用部件 (21、22 specific parts)

| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|--------------|--------------------|--------|---------------|-----------|
| 1 | 30102051 | 252004A | 摆轴 | shaft | 1 |
| 2 | 30122008 | | 油封 | oil seal | 1 |
| 3 | 30102050 | 251010A | 连杆偏心轴 | eccentric pin | 1 |
| 4 | 30128030 | 205097 | 偏心轴垫 | washer | 1 |
| 5 | S02007 | | 螺钉M3×5 | screw | 1 |
| 6 | 400308 | | 针杆曲柄 | motion assy | 1 |

三十、03、08专用部件 (03、08 specific parts)

| 序号Ref.No | 公司件号 Part No | 参考件号 Ref. Part. no | 名称 | Description | 数量 Number |
|----------|--------------|--------------------|----------|--------------|-----------|
| 1 | 301S11024 | | 滑块导座螺钉 | screw | 2 |
| 2 | W01001 | | 垫圈4 | washer | 2 |
| 3 | 30112065 | | 缝料挡板1 | fabric guide | 1 |
| 4 | 30112066 | | 缝料挡板2 | fabric guide | 1 |
| 5 | 30109020 | | 盖缝附件1 | fabric guide | 1 |
| 6 | S01036 | | 螺钉 M3×3 | screw | 2 |
| 7 | 30109021 | | 盖缝附件3 | fabric guide | 1 |
| 8 | W01009 | | 垫圈5 | washer | 2 |
| 9 | 30112064 | | 盖缝附件2 | bracket | 1 |
| 10 | S01011 | | 螺钉 M5×10 | screw | 2 |



JACK 杰克

快速服务 100%

产品使用说明书

使用说明和零件样本下载地址：
PLEASE DOWNLOAD THE MANUAL AND SPARE PARTS FROM THE FOLLOWING WEBSITE:
CASI(ÇA Efaaa aBêE ÇaBûaeÇE aa×Ü ÇaBêTea ãe Çããã0 ÇãBçãe.
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EN SITIO WEB:
Пожалуйста, загрузите инструкцию по эксплуатации и деталировку (список запасных частей) со следующего вебсайта:
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Standard code of the products: QB/T2380-2013

杰克缝纫机

JACK SEWING MACHINE
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安全须知

对于缝纫机本身各种装置,我们充分考虑到它的安全性。请遵照基本的操作方法,安全的进行工作。
●拆除为保证安全所设置的装置,零件的情况下使用,是非常危险的,请绝对不要拆除后使用。
●缝纫机在使用时,请不要在缝纫机台板上放置工具及缝纫时不必要的物品。
●在对缝纫机进行检查、修理、清扫等维护作业时,请关掉电源开关,将电源插头从插座上拔下,并确认踩踏板也不会转动之后,再进行操作。

OBSEVE THESE SAFETY PRECAUTIONS

Though We takes the utmost care to produce safe sewing machines and devices, operators should follow these basic safety rules.
●To prevent accidents, do not remove safety devices or parts while operating the machine.
●Do not leave tools or other unnecessary objects on the machine table while operating the machine.
●Always turn off the power, unplug the machine and then make sure that the machine does not run by pressing the pedal before performing any maintenance, such as checking, repairing, cleaning, etc.

注意

使用离合式马达的情况下,在关掉电源①后因惯性作用会继续旋转。这时如不注意踩动缝纫机踏板②时,缝纫机会突然动作,这是很危险的。请在关掉电源后,仍继续踩动踏板②,直至缝纫机完全停下来为止。

Caution

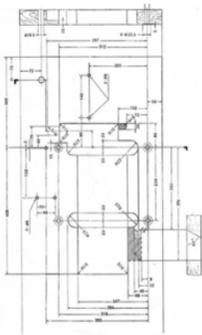
A clutch motor keeps on running for a while by inertia after turning off the power① suddenly. If the machine pedal② is stepped on inadvertently, it is dangerous as the machine will start running unexpectedly. Keeping on stepping on the pedal② until the machine comes to a stop after turning off power suddenly.

- 在离开缝纫机台时,务必请关掉电源。
- 停电时请务必关掉电源。
- 为了总是安全地,运转良好的使用缝纫机,日常的点检是不可缺少的,请予以注意。
- Turn off the power before leaving the machine table.
- In the event of a power failure, be sure to turn off the power.
- Check that the machine is securely grounded.

台板加工图

Schematic diagram to the machine table

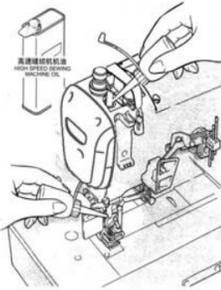
请参照下图进行台板的加工
Cut the referring the diagram



手动给油 Manual lubrication

手动给油是在缝纫机最初开始使用时,或相当一段时间重新开始时使用,请给油2~3滴油。
机油请使用本公司指定的(HIGH SPEED SEWING MACHINE OIL)ISO粘度与VG22相同。

Supply 2 or 3 drops of oil by hand when the machine is used for the first time or has been left unused for some time.
Note: Utilize (HIGH SPEED SEWING MACHINE OIL) recommendo por (ISO VG22)

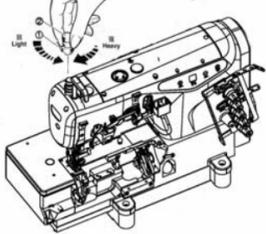


压脚压力调节

压脚压力的调节是松开螺帽①和旋转螺丝②来进行的。在取得平衡针脚的范围内,尽量调得松一些为好。

Adjusting the presser foot pressure

Loosen adjusting (1) nut and turn adjusting screw(2) to adjust the presser foot pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.

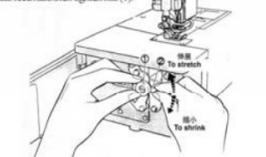


差动比的调节

差动比是通过松开螺帽①后,把调节杆②上下移动来进行调节的,调节后再拧紧螺帽①。

Adjusting the diff feed ratio

Loosen nut(1) and move the lever up(2) and down to obtain the correct differential feed ratio then tighten nut (1)



针脚长度的调节

握住针距调节按钮,旋转手轮,针距调节按钮会陷进更深处。这时边握住针距调节按钮,边转动手轮,使校准标记对准所希望的数值。针脚长度调节。注:针脚长度的调节务必在调节差动比之后进行。

Adjusting the stitch length

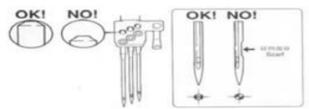
While pressing the push button,turn the handwheel to seek the position at which the push button goes further into the depth.Then keeping the button pressed,turn the handwheel and set the desired scale to the aligning mark. Note:Stitch length adjustment must only be made after the differential feed ratio has been changed.

换针

- 1.准确辨认针的前后,请将针头向着后方,即背向操作者进行安装。
- 2.针要牢固的插到孔的最深处。

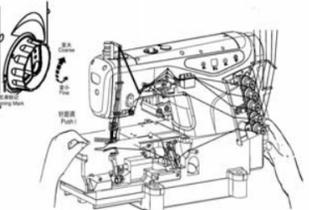
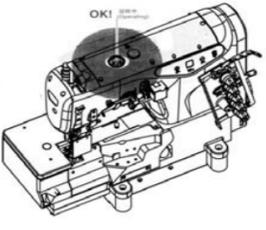
Replacing the needle

- 1.Check the needle carefully to see that the scarf is turned to the rear of the machine.
- 2.Insert the needle to the proper depth, and fasten securely.



检查机油的循环

Cleaning the oil circulation

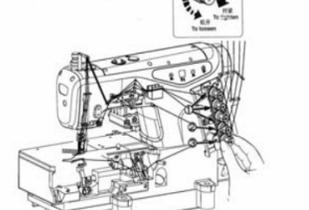


线状态的调节

线状态的调节是用针线状态螺帽①,上装饰线状态螺帽②,下针线状态螺帽③来进行调节的。

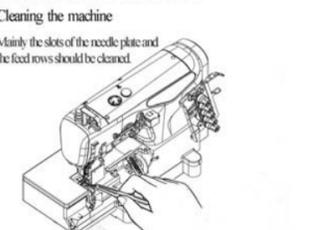
Thread tension

Make tension adjustments with the needle thread knob(1),top cover thread knob(2),and looper thread knob(3).



缝切机的清扫

Mainly the slots of the needle plate and the feed foot should be cleaned



油过滤器的检点与更换

- 机油过滤器,请于每6个月来点检或更换一次。
- 检点和更换每隔6个月进行一次!

Cleaning and replace the oil filter

- Check and replace the oil filter every six months.
- Check and replace every 6 months!

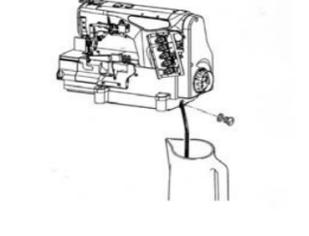


换机油

机油的更换,请在使用开始一个月后更换一次。然后,每6个月更换一次。

Replacing the oil

Replace the oil one month after the first use and every six months thereafter.

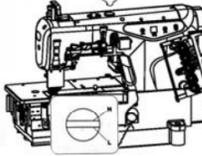


供油

加油量是使油面处于I线之间为好。当油面低于I线时,就要及时补充机油。机油请使用杰克公司指定的(HIGH SPEED SEWING MACHINE OIL) (ISO粘度与VG22相同)。

Lubrication

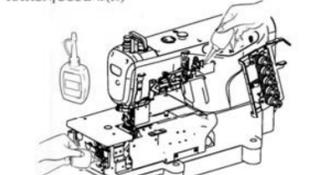
After filling the oil pan,the oil level should lie between (I) and (L) lines. Add oil when the oil level reaches or goes below (L) line.
Note: Use Jack designated oil (HIGH SPEED SEWING MACHINE OIL) (ISO VG22)



给HR装置供油

为了防止布纤维或线被切断,请尽早给HR装置供油。
注:硅油请使用本公司指定的冷却油。[请使用日本UNION CARBIDE(株)的UCCL-4S10]

Filling the HR device with silicon oil
Fill the device with oil before it is too low in order to prevent needle thread breakage and fabric damage.
Note:Use recommended silicon oil [UNION CARBIDE CORPORATION] UCCL-4S10



穿线的方法

- (1)请戴起护眼板,打开机盖(3处)。
- (2)抬起弯针挑线架。
- (3)把机上的原有线与缝线用线绑结在一起。
- (4)按下弯针挑线架,弯针挑线架回到原位。
- (5)针线 将针线拉到针眼前,剪掉结头再次穿好针线。
- (6)弯针线,上装饰线直到拉出接头迁来后,用剪刀剪齐。

Threading

- (1)Open the eye guard and three covers.
- (2)Take up the bracket.

- (3)Knot the preset thread and the thread being used together to thread the machine.
- (4)Press down the bracket after threading. The looper thread take-up comes back.
- (5)Needle tread Trim the knots off neatly before passing through the eye of the needle to thread.
- (6)Looper thread . Top cover thread Trim the knots off neatly after passing through the eye of the looper.

若机上原来没有线,请参照穿线图正确进行穿线。
Be sure to thread the machine correctly by referring to the threading diagram.

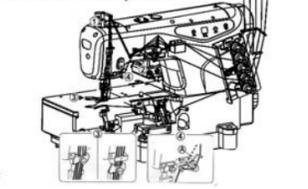


穿线图(2针,3针用) Threading diagram

- ①若使用伸线大的线时,为点线A的方向。(通常为实线方向) Broken lines(A) for more stretchable thread.
- ②装饰线太松弛时用B,用D仍松弛时用C,装饰线太紧时用D If the top cover thread is too loose use broken line(B) If the top cover thread is still too loose after thread with broken line(B) use broken(C) If the top cover thread is too tight use broken line(D).
- ③穿伸线大的线时 穿伸线小的线时 For more stretchable thread For less stretchable thread
- ④穿伸线大的线时用点线A方向 Broken lines(A) for more stretchable thread
- ⑤若使用伸线大的线时,为点线F方向。(通常为实线方向) Broken lines(F) for more stretchable thread.



Solid lines for ordinary thread.



| JACK高速绷缝机相关技术参数 | | | | | | | | | |
|-------------------|------|-----|---------|-----|-------|----|-----|---------|------|
| 高行程数据 | | | | | | | | | |
| 机型 | ×□□□ | | | | | | | | 针杆行程 |
| W4-010B/020B/050B | 356 | 9.7 | 3-3.2 | 9.8 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 33.4 |
| | 364 | 9.3 | 2.6-2.8 | 9.4 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 33.4 |
| W4-230B | 356 | 9.7 | 3-3.2 | 9.8 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 33.4 |
| W4-230B(L) | 256 | 9.7 | 3-3.2 | 9.8 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 33.4 |
| 标准行程数据 | | | | | | | | | |
| 机型 | ×□□□ | | | | | | | | 针杆行程 |
| W4-010B/020B/050B | 356 | 8.5 | 3.2-3.5 | 8.5 | 5-5.3 | 17 | 6.2 | 0.8-1.0 | 30.8 |
| | 364 | 8.1 | 2.8-3.1 | 8.5 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 30.8 |
| W4-230B | 356 | 8.1 | 2.8-3.1 | 8.5 | 5-5.3 | 17 | 6.2 | 0.8-1.0 | 30.8 |
| W4-230B(L) | 256 | 8.1 | 2.8-3.1 | 8.5 | 5-5.3 | 17 | 6.2 | 0.8-1.2 | 30.8 |

Instructions of W4-D Interlock sewing machine panel operation

本控制器使用双位数码管显示实现参数调整。在P主界面,第一个数码管显示“P”,第二个数码管显示当前设定的停针位置。上、下停针如图所示(图1)。
In P interface, the first tube display “P”, the second tube display shows the current needle position, picture 1 shows the upper and lower needle position.

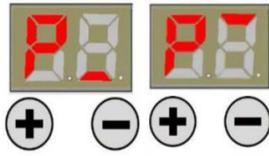


图1 上、下停针显示界面

1.转速的修改 Modify speed

在待机P界面按+键或者-键,显示当前转速,按+键速度递增 100RPM(数值递增1),按-键速度递减 100RPM(数值递减1),长按+键(-键)可实现快速递增(递减),停止按+键或者-键后约3秒,自动保存设定的速度参数,并回退到P界面。

The panel shows “P”. Then press + or - to adjust speed up and down, short-press + or - to adjust speed up 100RPM and down 100RPM, long-press + (-) speed rapidly up (down). After 3 seconds, the parameter saved and the panel back to the “P”.

2.停针位修改 Needle Position Adjust

在P界面下,长按+键约3秒不松开,可以调节上下停针位。

The panel shows “P”, press + for 3 seconds, then set the position up or down.

| 序号 NO. | 参数定义 parameter | 范围 range | 默认值 Default | 参数说明 Description |
|--------|---------------------------------|----------|-------------|---|
| K | 机头灯亮度调节 LED light adjustment | 0-3 | 2 | 0: 灭 off 1~3: 亮度 1~3 level 1~3 |
| L | 缝制限制速 Limited sewing speed | 05-55 | 50 | 以 500rpm 为单位递减 Decline by 500rpm every time |
| M | 停针位开关 Switch of needle position | 0-1 | 1 | 0: 关闭 off 1: 开启 on |
| H | 休眠时间 Dormancy time | 0-6 | 3 | 0: 关闭 off unit: 10min |
| V | 速度显示使能 Speed display | 0-1 | 0 | 0: 关闭 off 1: 开启 on |

在F界面,长按+键3s,进入监控参数,并显示J
The panel shows “P”, press + for 3 seconds, inter monitoring parameter, and it shows “J”

| | | |
|----|--------------------------------|--|
| J1 | 实时速度 Real-time Speed | 显示的数×100=实际速度 the showing number multiples by 100 equal to the real speed. |
| J2 | 实时功率 Real-time Power | 显示的数×10=实际功率 the showing number multiples by 10 equal to the real power. |
| J3 | 输入电压 Input Voltage | 显示的数×10=实际电压 the showing number multiples by 10 equal to the real voltage. |
| J4 | 历史电压 Historical Voltage | 显示历史输入最低电压和最高电压 Display the historical lowest input voltage and highest input voltage. |
| J5 | 历史错误代码 Historical Error | 显示最新的 5 个错误代码 Display historical error code(only show the latest 5). |
| J6 | 累计运行时间 Cumulative Running Time | 显示的数×100=实际时间(Hour) the showing number multiples by 100 equal to the real time(hour). |

3.恢复出厂设置 Factory reset

在P界面,长按-键3秒,参数将恢复出厂设置。(J4、J5、J6的监控数据除外)

4.操作参数说明表 Parameter description

The panel shows “P”, press - for 3 seconds, the parameter will back to factory setting.

5.错误码说明表 Error code description

| 错误 Error code | 内容 Reasons | 对策 Solutions |
|---------------|--|---|
| E1 | 电机堵转 Motor stuck | 请转动手轮检查机头是否卡住或者干涩转动困难: 请检查电机插件是否松动或者脱落; 请检查加工物料是否过厚,电机因扭力不足而无法贯穿; 请检查机器是否缺少润滑油。 The motor run out of load capacity, please reduce the load capacity for the motor and then restart the motor; Please check if the plug of motor loose or drop; Please check if the sewing material is too heavy; Please check if the machine needs lubrication. |
| E2 | 软件过流 software over-current | 请关机后重新上电,如果不能消除报警,请检查: 电机负荷过大,请减轻负荷后重启电机; Motor used too much, Restart machine after several minutes, then please check if the fabric much too heavy. |
| E3 | 参数保存异常 Parameter save abnormal | 出现此种状况,需要关闭电源,稍后再打开电源开关即可; 恢复出厂设置(长按-键约3s不松开); 若重启或者恢复出厂设置后也不能解决,建议联系经销商解决。Restart machine after several minutes or reset machine(press -3s); If the problem unsolved, please contact dealers. |
| E4 | 电机霍尔信号异常 Hall of the motor with problem | 请检查电机编码器插头连接是否可靠,编码器信号线是否有断线,插针是否退出或者变形。Please check if the 10core line connect well or not, please check if the connect line of hall is well or not. |
| E5 | 定位器信号异常 The synchronizer signal | 请检查定位器是否连接电控; 请检查上下定位信号是否正常。 Forget to insert the synchronizer cable before turn on the machine To check the both up needle position signal and the down needle position signal is working. |
| E6 | 调速器异常 Speed governor abnormal | 请检查压脚机构是否回到正确位置,压脚安全开关是否损坏,插座是否正常。To check if the presser foot back to the correct position or not, to check if the safety switch button is damaged or not, the outlet is abnormal or not. |
| E7 | 电流检测电路故障 Current detection and circuit fault | 请检查电路板是否干净清洁; 请检测电源电压是否正常; 请等待电源重新开启/复位(请仔细检查电源板各项功能)。Please check whether the circuit board is clean; Please check whether the power voltage is normal; Please wait after restarting the power or reset(please carefully check each function of the power board). |
| EA | 硬件过流 Hardware over-current | 请关机后重新上电,请检查供电电压是否正常; 请尝试恢复出厂设置。Please cut off the power and restart; Please check whether the supply voltage is normal; Please try to restore factory defaults. |
| Eb | 系统过电压 System over-voltage | 立即切断电源,并检查供电电压是否过高,如果是,请调整供电电压到额定电压后再开机工作(额定电压: 220V)。Immediately cut off the power, and check whether the supply voltage is too high, if yes, please adjust the rated voltage, then start to work(rated voltage: 220V). |
| EC | 系统欠电压 System under-voltage | 请检查供电电压是否正常; 请等待电源重新开启/复位(请仔细检查电源板各项功能)。Mean the voltage abnormal, please check if the voltage is normal or not; Means waiting for the power, and need to restart again or recover to the factory reset. |

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杰克缝纫机

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