

SIRUBA®

銀箭牌工業用縫紉機
INDUSTRIAL SEWING MACHINE

L381/L382/L383

使用說明書/零件圖 INSTRUCTION BOOK/PARTS LIST



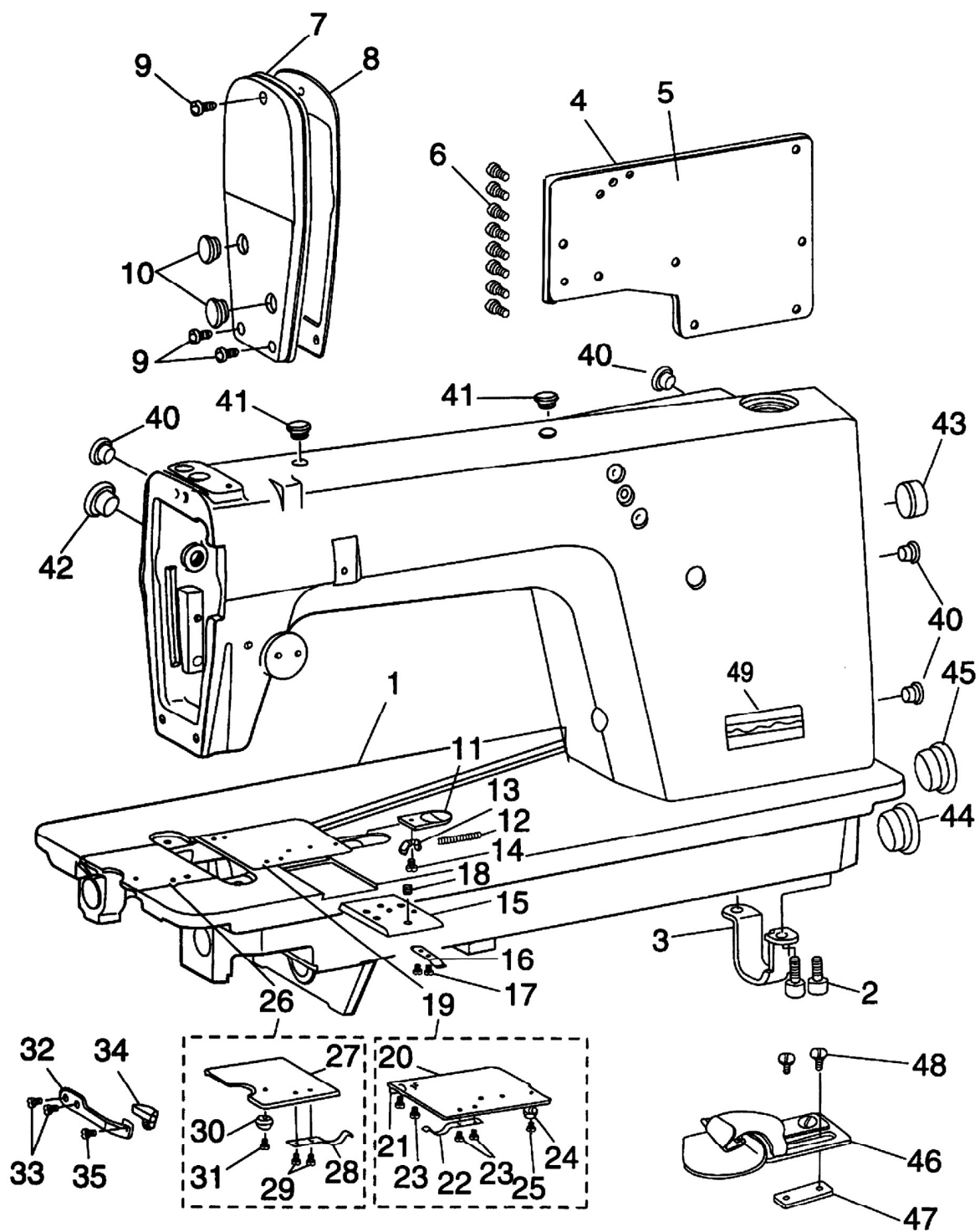
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高林股份有限公司
KAULIN MFG. CO., LTD.

零件手冊

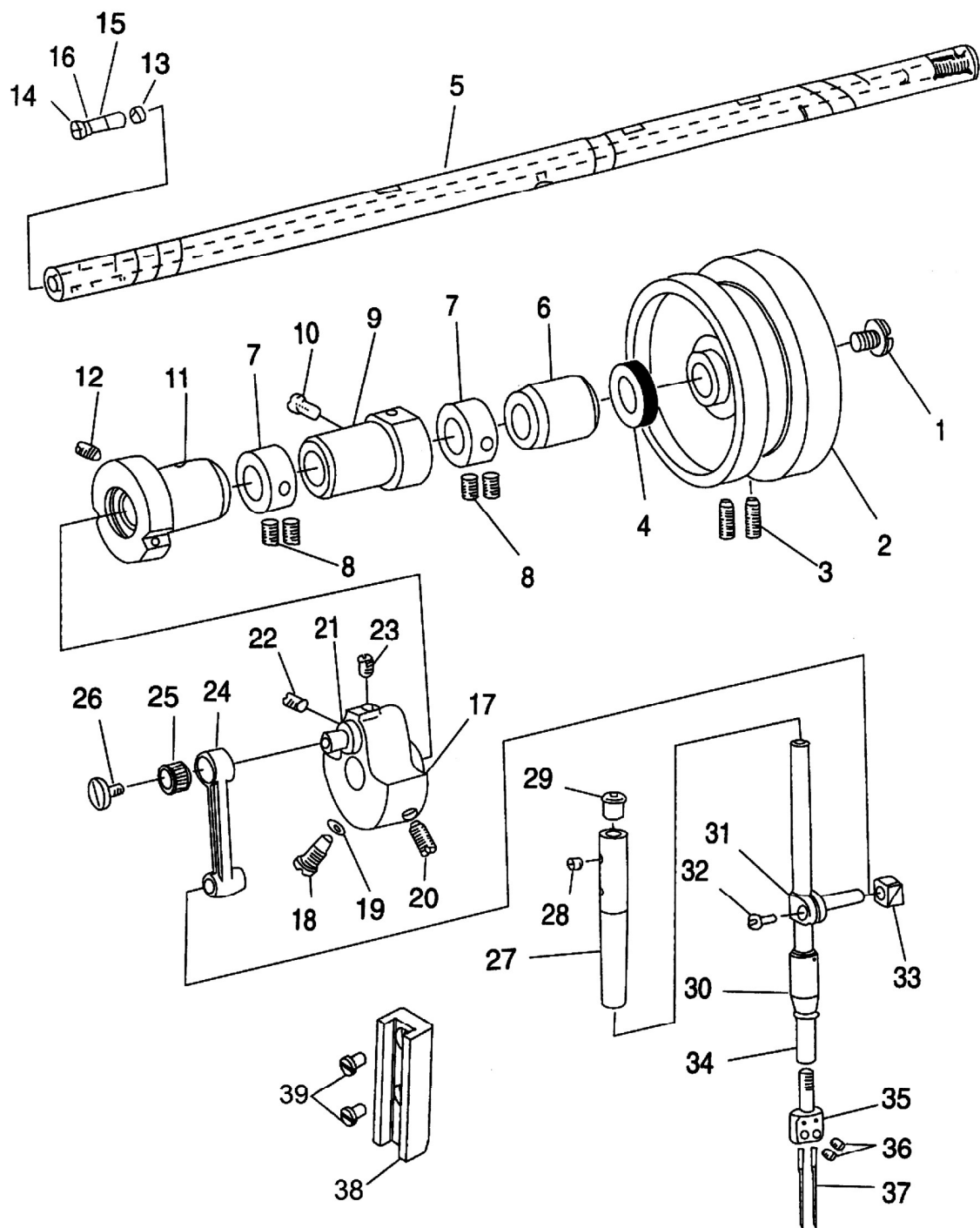
PARTS BOOK



1、机壳分组件

Arm bed components

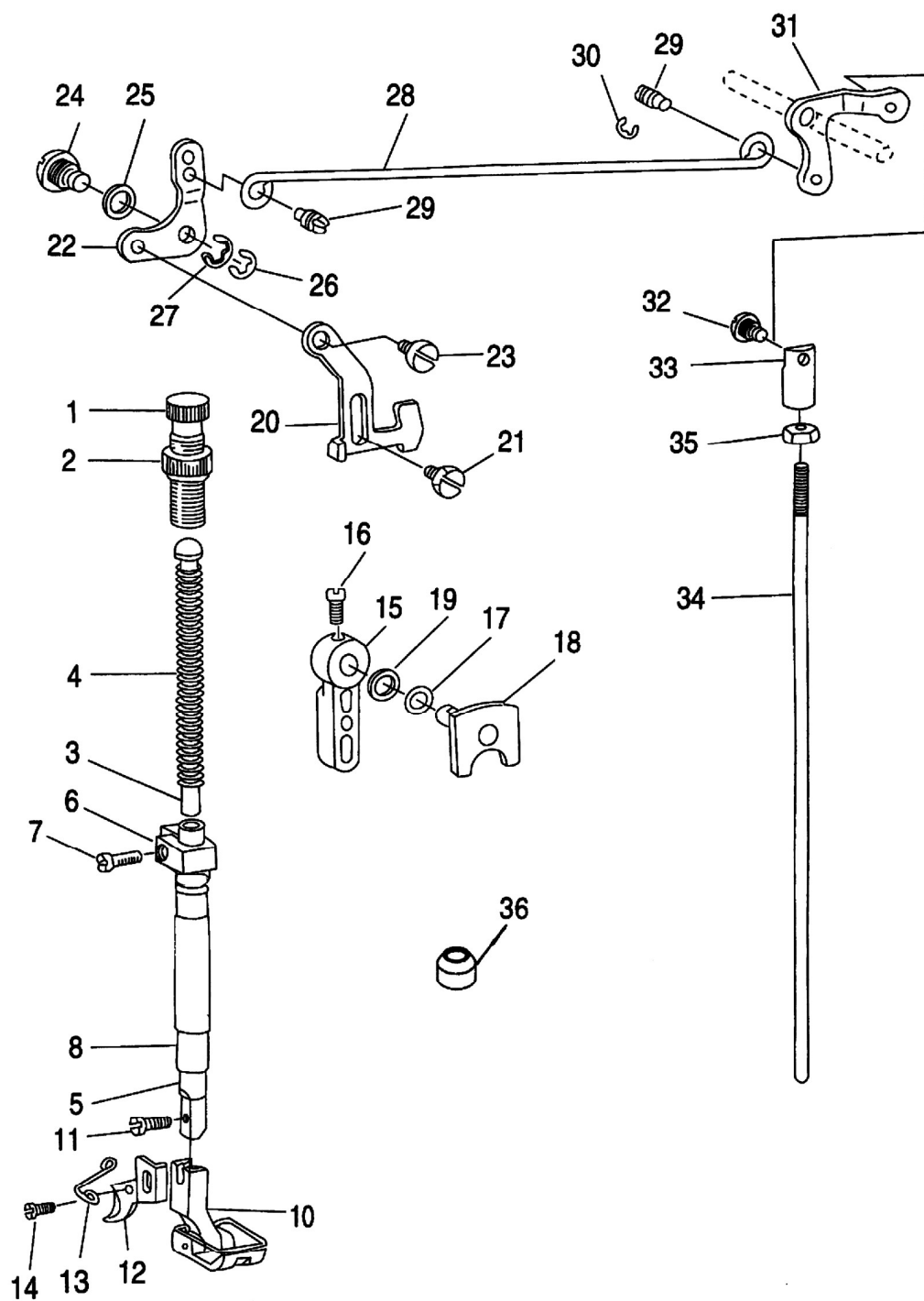
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|-------------|-----------------------------|------------------|
| 1 | GQ202/13 | 机壳部件 | Arm bed complete | 1 |
| 2 | GS0127 | 底板支承螺钉 | Bed screw stud | 2 |
| 3 | GR1823 | 底板支承板 | Bed support | 1 |
| 4 | GK186 | 后窗板 | Side plate | 1 |
| 5 | GR1812 | 后窗板垫 | Gasket | 1 |
| 6 | GS100 | 后窗板螺钉 | Side plate screw | 8 |
| 7 | GR1757/2 | 面板部件 | Face plate asm. | 1 |
| 8 | GR1758 | 面板垫 | Face plate gasket | 1 |
| 9 | GS100 | 面板螺钉 | Screw | 3 |
| 10 | GR1458 | 面板调节镙孔塞 | Rubber plug | 2 |
| 11 | GR1813 | 凸轮盖压板 | Cam cover latch | 1 |
| 12 | GW287 | 凸轮盖压板弹簧 | Spring | 1 |
| 13 | GR1814 | 凸轮盖压板弹簧座 | Spring suspension | 1 |
| 14 | GS069 | 凸轮盖压板座螺钉 | Screw | 1 |
| 15 | GM241 | 附件安装板 | Attachment installing plate | 1 |
| 16 | GW288 | 附件安装板弹簧 | Spring | 1 |
| 17 | GS0128 | 附件安装板弹簧螺钉 | Screw | 2 |
| 18 | GS012 | 附件安装板定位螺钉 | Screw | 1 |
| 19 | GM242/9 | 凸轮盖部件 | Cam cover asm | (1) |
| 20 | GM243 | 凸轮盖 | Cam cover | 1 |
| 21 | GW289 | 凸轮盖托板 | Cam cover | 1 |
| 22 | GW290 | 凸轮盖弹簧 | Spring | 1 |
| 23 | GS045 | 凸轮盖弹簧螺钉 | Screw | 4 |
| 24 | GR1815 | 凸轮盖导轮 | Cam cover guide | 1 |
| 25 | GS0129 | 凸轮盖导轮螺钉 | Screw | 1 |
| 26 | GM244/6 | 推板部件 | Bed slide asm. | (1) |
| 27 | GM245 | 推板 | Bed slide | 1 |
| 28 | GW291 | 推板簧 | Spring | 1 |
| 29 | GS045 | 推板簧螺钉 | Screw | 2 |
| 30 | GR1816 | 推板导轮 | Bed slide guide | 1 |
| 31 | GS0129 | 推板导轮螺钉 | Screw | 1 |
| 32 | GW292 | 推板锁簧 | Bed slide lock spring | 1 |
| 33 | GS010 | 推板锁簧螺钉 | Screw | 2 |
| 34 | GR1817 | 推板簧把手 | Latch | 1 |
| 35 | GS44 | 推板簧把手螺钉 | Screw | 1 |
| 40 | GR1461 | 轴套定位镙孔塞 | Rubber plug | 4 |
| 41 | GR1462 | 上轴套油线孔塞 | Rubber plug | 2 |
| 42 | GR1463 | 针杆曲柄镙孔塞 | Rubber plug | 1 |
| 43 | GR1464 | 送料针距调节器孔塞 | Rubber plug | 1 |
| 44 | GR1465 | 抬牙轴孔塞 | Rubber plug | 1 |
| 45 | GR1466 | 下轴盲孔塞 | Rubber plug | 1 |
| 46 | GR1916/5 | 卷边器部件(1/4") | Folder | 1 |
| 47 | GR1923 | 卷边器垫块 | Gasket | 1 |
| 48 | GS0148 | 卷边器螺钉 | Screw | 2 |
| 49 | GR0149 | 铭牌 | Name Plate | 1 |



2、上轴针杆分组件

Main shaft & needle bar components

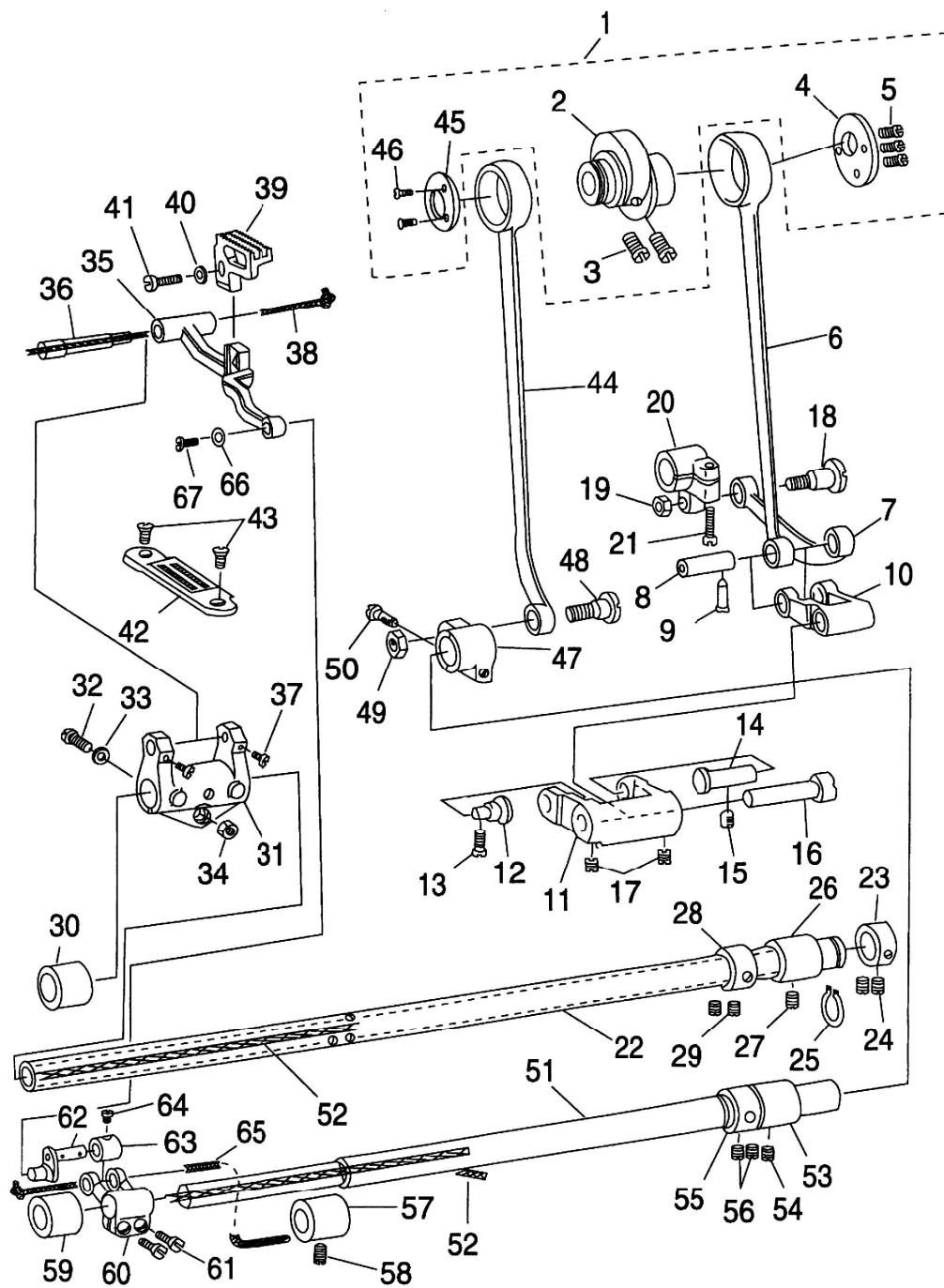
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|------------|---------------------------------|------------------|
| 1 | GS02 | 上轴安全螺钉 | End screw | 1 |
| 2 | GP132 | 上轮 | Hand wheel | 1 |
| 3 | GS03 | 上轮螺钉 | Screw | 2 |
| 4 | GR1468/2 | 上轴油封 | Oil seal | 1 |
| 5 | GZ303 | 上轴 | Main shaft | 1 |
| 6 | GO262/2 | 上轴后轴套部件 | Main shaft bushing, rear | 1 |
| 7 | GR1824 | 上轴挡圈 | Main shaft thrust collar | 2 |
| 8 | GS33 | 上轴挡圈螺钉 | Screw | 4 |
| 9 | GO265-1 | 上轴中轴套部件 | Main shaft bushing intermediate | 1 |
| 10 | GS05 | 中轴套螺钉 | Screw | 1 |
| 11 | GO303/2 | 上轴前轴套部件 | Main shaft bushing, front | 1 |
| 13 | GR1470 | 曲柄油量限制毡 | Roller felt | 1 |
| 14 | GX334 | 曲柄油量调节销 | Crank oil adjusting pin | 1 |
| 15 | GO269 | 曲柄油量调节销套 | Rubber bushing | 1 |
| 16 | GR1471 | 曲柄油量调节销O形圈 | O-Rubber ring | 1 |
| 17 | GH378 | 针杆曲柄 | Counterweight asm. | 1 |
| 18 | GS06 | 针杆曲柄定位螺钉 | Screw | 1 |
| 19 | GR1472 | 定位螺钉O形圈 | O-Rubber ring | 1 |
| 20 | GS07 | 针杆曲柄紧固螺钉 | Screw | 1 |
| 21 | GH379 | 针杆连杆销 | Needle crank | 1 |
| 22 | GS48 | 挑线曲柄定位螺钉 | Screw | 1 |
| 23 | GS041 | 挑线曲柄螺钉 | Screw | 1 |
| 24 | GH334 | 针杆连杆 | Needle bar crank rod | 1 |
| 25 | GO270 | 针杆连杆滚针轴承 | Needle roller bearing | 1 |
| 26 | GS09 | 针杆连杆左旋螺钉 | Left twist screw | 1 |
| 27 | G0271 | 针杆上衬套 | Needle bar bushing upper | 1 |
| 28 | GS012 | 针杆上衬套螺钉 | Screw | 1 |
| 29 | GR1479 | 针杆上衬套孔塞 | Rubber plug | 1 |
| 30 | GO288 | 针杆下衬套 | Needle bar bushing, lower | 1 |
| 31 | GR1478-7 | 针杆连接柱 | Needle bar connection asm | 1 |
| 32 | GS011 | 针杆连接柱螺钉 | Screw | 1 |
| 33 | GU168-7 | 针杆连接柱滑块 | Crank slide block | 1 |
| 34 | GZ304 | 针杆 | Needle bar | 1 |
| 35 | GR1826 | 针夹 (1/4") | Needle clamp(1/4") | 1 |
| 36 | GS0130 | 支针螺钉 | Screw | 2 |
| 37 | GV18 | 机针 | Needle | 2 |
| 38 | GR0341-7 | 针杆接头滑块导轨 | Slide block bushing | 1 |
| 39 | GS766 | 滑块导轨螺钉 | Screw | 2 |



3、压料分组件

Presser bar components

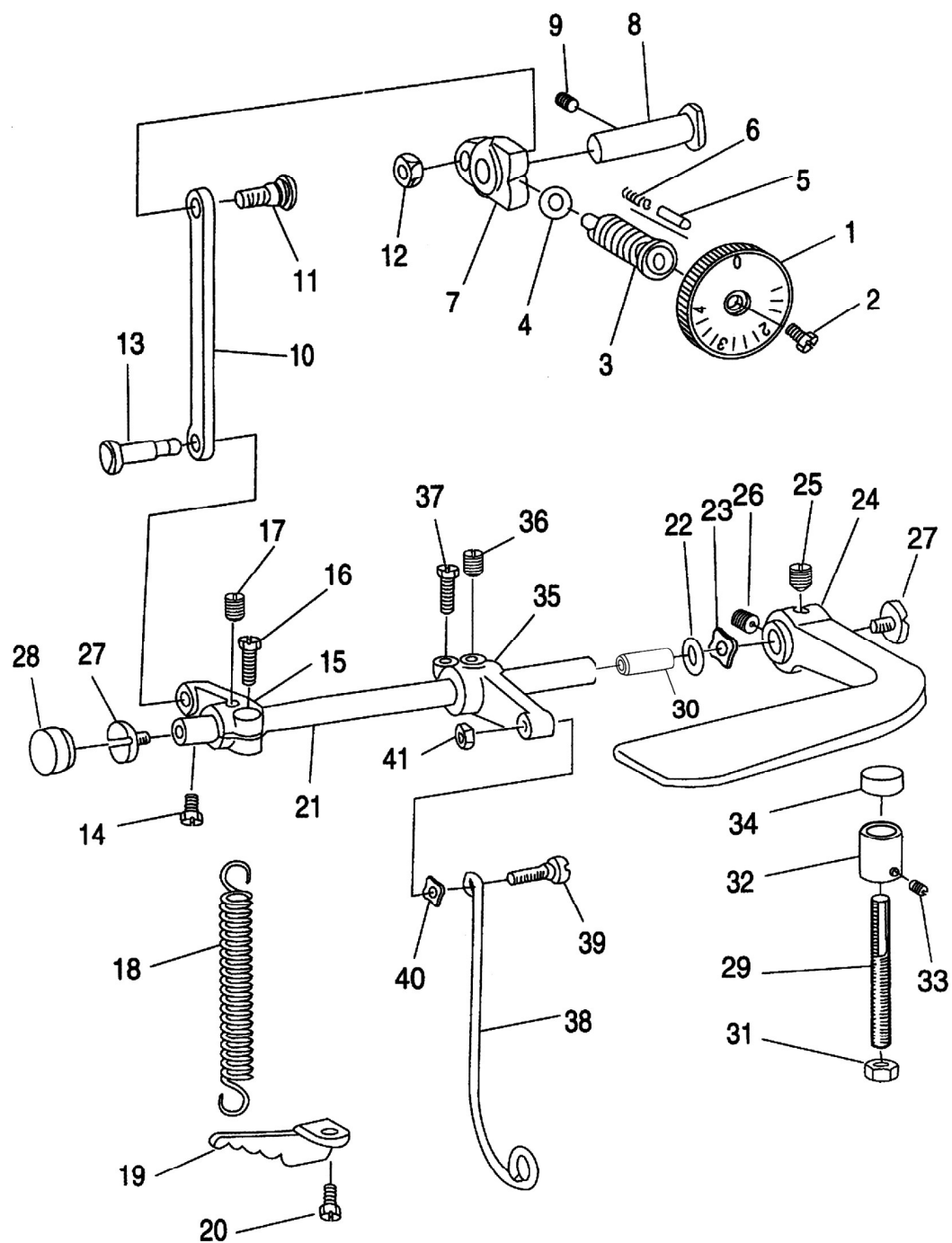
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|-----------|---------------------------------------|------------------|
| 1 | GS018 | 调压螺钉 | Presser spring regulator | 1 |
| 2 | GL18 | 调压螺钉螺母 | Nut | 1 |
| 3 | GR1494 | 调压导杆 | Presser bar guide bar | 1 |
| 4 | GW253 | 调压簧 | Presser spring | 1 |
| 5 | GZ305 | 压杆 | Presser bar | 1 |
| 6 | GR1827 | 压杆导架 | Presser bar guide bracket asm. | 1 |
| 7 | GS019 | 压杆导架螺钉 | Screw | 1 |
| 8 | GO273 | 压杆衬套 | Presser bar bushing,lower | 1 |
| 10 | GM246/5 | 压脚部件1/4" | Presser foot asm. | 1 |
| 11 | GS020 | 压脚螺钉 | Screw | 1 |
| 12 | GR1832 | 切线刀 | Thread knife | 1 |
| 13 | GR1833 | 切线刀导钩 | Thead knife guide | 1 |
| 14 | GS0129 | 切线刀导钩螺钉 | Screw | 1 |
| 15 | GR1499 | 压脚扳手 | Hand lifter | 1 |
| 16 | GS021 | 压脚扳手螺钉 | Screw | 1 |
| 17 | GR1500 | 压脚扳手垫圈 | Washer | 1 |
| 18 | GR1501/2 | 压脚扳手凸轮部件 | Hand lifter cam asm. | 1 |
| 19 | GR1503 | 压脚扳手轴O形圈 | Rubber ring | 1 |
| 20 | GR1504 | 压脚升降板 | Lifting lever | 1 |
| 21 | GS022 | 升降板轴位螺钉 | Hinge screw | 1 |
| 22 | GR1505 | 抬压脚前杠杆 | Lifting link for lifting lever | 1 |
| 23 | GS023 | 前杠杆轴位螺钉 | Hing screw | 1 |
| 24 | GS024 | 前杠杆螺纹销 | Hinge pin | 1 |
| 25 | GR1506 | 前杠杆螺纹销垫圈 | Lifting lever gasket | 1 |
| 26 | GR1508 | 前杠杆特制开口挡圈 | Snap ring | 1 |
| 27 | GR1507 | 前杠杆开口挡圈 | Snap ring | 1 |
| 28 | GR1834 | 抬压脚拉杆 | Lifting lever connecting rod | 1 |
| 29 | GS025 | 抬压脚拉杆螺钉 | Screw | 2 |
| 31 | GR1835 | 抬压脚后杠杆 | Lifting lever link rear | 1 |
| 32 | GS0131 | 后杠杆轴位螺钉 | Hinge screw | 1 |
| 33 | GR1836 | 抬压脚顶杆接头 | Swivel | 1 |
| 34 | GX378 | 抬压脚顶杆 | Lifting lever connecting rod,vertical | 1 |
| 35 | GL19 | 抬压脚顶杆螺钉 | Nut | 1 |
| 36 | GR1353-7 | 压杆密封套 | Rubber rule | 1 |



4、送料分组件

Feed mechanism components

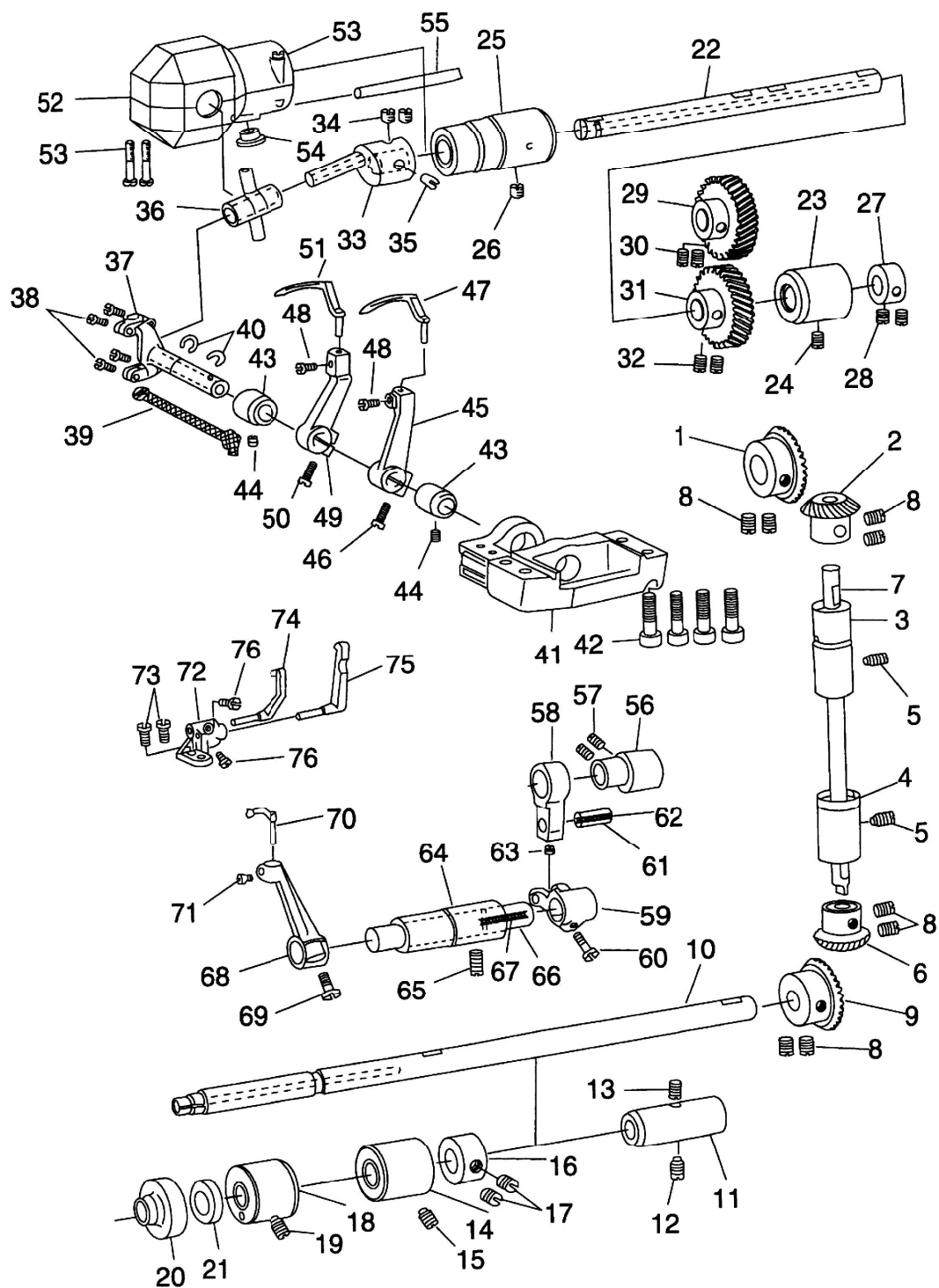
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|----------|----------|-----------|--------------------------------------|-----------|
| Ref. No. | Part No | | | Amt. Req. |
| 1 | GT160/10 | 送料偏心轮部件 | Feed eccentric cam asm. | 1 |
| 2 | GT161 | 送料偏心轮 | Feed eccentric cam | 1 |
| 3 | GS034 | 送料偏心轮螺钉 | Screw | 2 |
| 4 | GR1521 | 送料偏心轮盖板 | Feed eccentric thrust washer | 1 |
| 5 | GS035 | 偏心轮盖板螺钉 | Screw | 3 |
| 6 | GH335 | 送料大连杆 | Feed rocker shaft connecting rod | 1 |
| 7 | GH380 | 送料小连杆 | Connecting rod | 1 |
| 8 | GX340 | 送料连杆销 | Connecting pin | 1 |
| 9 | GS036 | 送料连杆销螺钉 | Screw | 1 |
| 10 | GR1522 | 送料摆杆 | Feed driving rocker asm. | 1 |
| 11 | GR1523 | 送料摆杆座 | Feed driving rocker | 1 |
| 12 | GX341 | 送料摆杆座左销 | Hinge stud | 1 |
| 13 | GS037 | 送料摆杆座左销螺钉 | Screw | 1 |
| 14 | GX342 | 送料摆杆座右销 | Hinge pin | 1 |
| 15 | GS05 | 送料摆杆座右销螺钉 | Screw | 1 |
| 16 | GZ279 | 送料摆杆销 | Hinge pin | 1 |
| 17 | GS038 | 送料摆杆销螺钉 | Screw | 2 |
| 18 | GS039 | 送料曲柄轴位螺钉 | Hinge screw | 1 |
| 19 | GL7 | 送料曲柄轴位螺母 | Nut | 1 |
| 20 | GH337 | 送料曲柄 | Feed rocker shaft crank | 1 |
| 21 | GS040 | 送料曲柄螺钉 | Screw | 1 |
| 22 | GZ280 | 送料轴 | Feed rocker shaft | 1 |
| 23 | GR1890 | 送料轴薄挡圈 | Thrust collar | 1 |
| 24 | GS032 | 送料轴薄挡圈螺钉 | Screw | 2 |
| 25 | GR1524 | 送料轴轴用挡圈 | Retaining ring | 1 |
| 26 | GO285 | 送料轴后轴套 | Bushing rear | 1 |
| 27 | GS41 | 送料轴后轴套螺钉 | Screw | 1 |
| 28 | GR1469 | 送料轴挡圈 | Thrust collar | 1 |
| 29 | GS39 | 送料轴挡圈螺钉 | Screw | 2 |
| 30 | GO286 | 送料轴前轴套 | Feed rocker shaft bushing,front | 1 |
| 31 | GR1838 | 牙架座 | Feed rocker | 1 |
| 32 | GS0120 | 牙架座螺钉 | Screw | 1 |
| 33 | GR1528 | 牙架座螺钉垫圈 | Washer | 1 |
| 34 | GL20 | 牙架座螺钉螺母 | Nut | 1 |
| 35 | GR1839 | 牙架 | Feed bar | 1 |
| 36 | GX396 | 牙架销 | Feed bar shaft | 1 |
| 37 | GS0100 | 牙架销螺钉 | Screw | 2 |
| 38 | GR1837 | 牙架销油线 | Oil wick | 1 |
| 39 | GM247 | 送料牙1/4" | Feed dog (1/4) | 1 |
| 40 | GR1528 | 送料牙垫圈 | Washer | 1 |
| 41 | GS019 | 送料牙螺钉 | Screw | 1 |
| 42 | SM248 | 针板1/4" | Throat plate(1/4) | 1 |
| 43 | GS044 | 针板螺钉 | Screw | 2 |
| 44 | GH381 | 抬牙连杆 | Feed driving shaft connecting rod | 1 |
| 45 | GR1840 | 抬牙连杆凸轮盖 | Feed driving eccentric thrust washer | 1 |
| 46 | GS0115 | 抬牙连杆凸轮盖螺钉 | Screw | 2 |
| 47 | GH397 | 抬牙后曲柄 | Feed driving shaft crank rear | 1 |
| 48 | GS039 | 抬牙连杆轴位螺钉 | Hinge screw | 1 |
| 49 | GL7 | 抬牙连杆轴位螺母 | Nut | 1 |
| 50 | GS040 | 抬牙后曲柄紧固螺钉 | Screw | 1 |
| 51 | GZ306 | 抬牙轴 | Feed driving shaft | 1 |
| 52 | GR1837 | 抬牙轴油线 | Oil wick | 2 |
| 53 | GO285 | 抬牙轴后轴套 | Bushing, rear | 1 |
| 54 | GS48 | 抬牙轴后轴套螺钉 | Screw | 1 |
| 55 | GR1469 | 抬牙轴后轴套挡板 | Thrust collar | 1 |
| 56 | GS39 | 后轴套挡圈螺钉 | Screw | 2 |
| 57 | GO300 | 抬牙轴中轴套 | Bushing, intermediate | 1 |
| 58 | GS04 | 抬牙轴中轴套螺钉 | Screw | 1 |
| 59 | GO306 | 抬牙轴前轴套 | Feed rocker shaft bushing, front | 1 |
| 60 | GH382 | 抬牙轴前曲柄 | Feed rocker shaft crank | 1 |
| 61 | GS0132 | 抬牙轴前曲柄螺钉 | Screw | 2 |
| 62 | GH383 | 牙架连杆 | Feed bar link | 1 |
| 63 | GR1841 | 牙架连杆挡圈 | Thrust collar | 1 |
| 64 | CS013 | 牙架连杆挡圈螺钉 | Screw | 1 |
| 65 | GR1837 | 牙架连杆油线 | Oil wick | 1 |
| 66 | GR1842 | 牙架连杆锥孔垫圈 | Counter-sunk washer | 1 |
| 67 | GS0133 | 牙架连杆垫圈螺钉 | Screw | 1 |



5、送料调节分组件

Feed regulating components

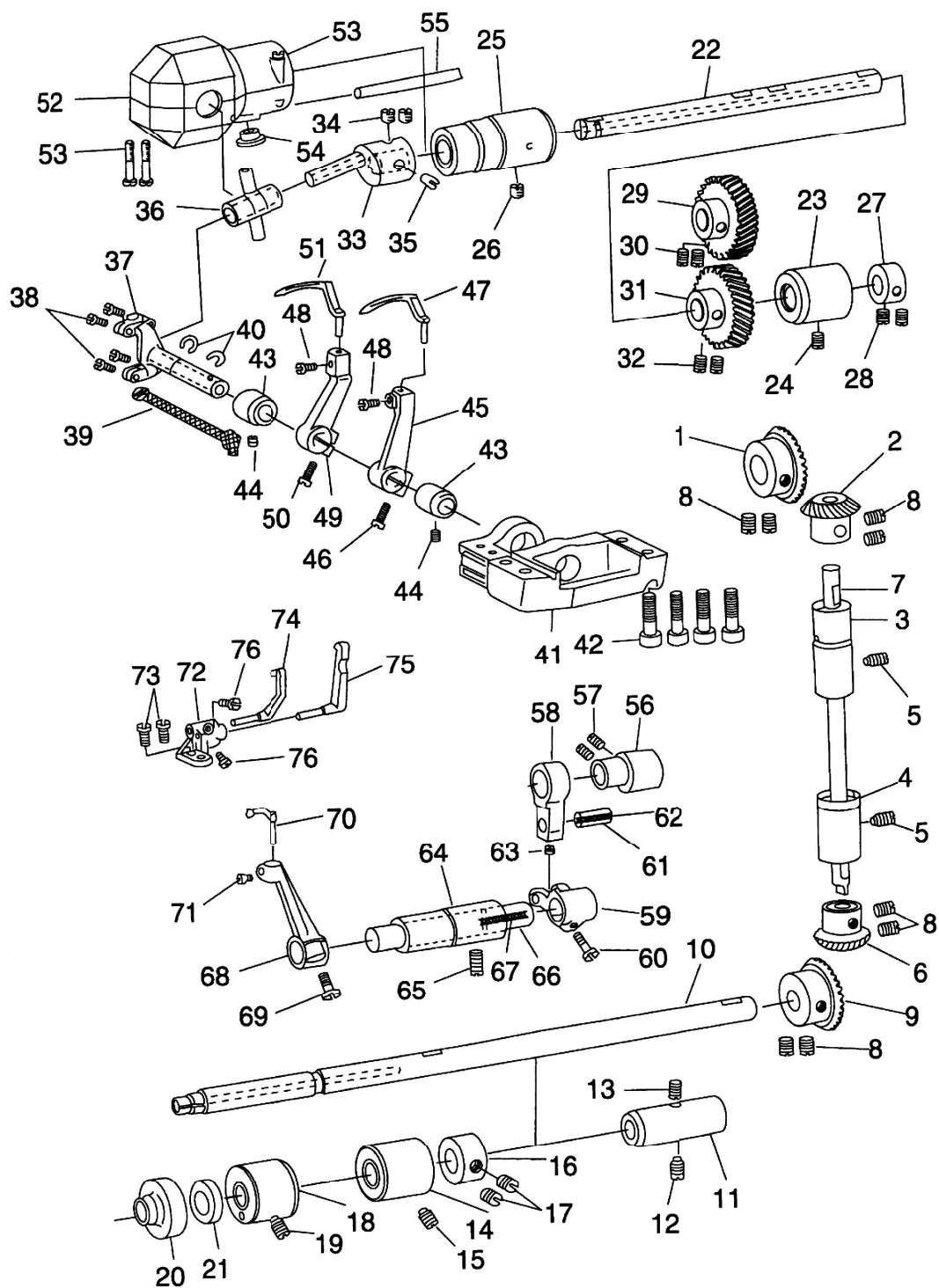
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
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| 1 | GS1536/3 | 送料距旋钮部件 | Stitch dial asm. | 1 |
| 2 | GS046 | 送料距旋钮螺钉 | Screw | 1 |
| 3 | GS047 | 送料调节螺柱 | Feed regulating screw | 1 |
| 4 | GR1538 | 送料调节螺柱O形圈 | O-Rubber ring | 1 |
| 5 | GX345 | 送料距锁合销 | Stitch dial lock pin | 1 |
| 6 | GW257 | 送料距锁合销簧 | Stitch dial lock spring | 1 |
| 7 | GR1843 | 送料调节器 | Feed regulator | 1 |
| 8 | GX346 | 送料调节器销 | Hinge pin | 1 |
| 9 | GS48 | 送料调节器销螺钉 | Screw | 1 |
| 10 | GH341 | 送料调节器连杆 | Feed regulator connecting rod | 1 |
| 11 | GS048 | 调节器连杆轴位螺钉 | Hingr screw | 1 |
| 12 | GL20 | 调节器连杆轴位螺母 | Nut | 1 |
| 13 | GR1540 | 拉簧调节曲柄销 | Tension spring suspension stud | 1 |
| 14 | GS100 | 拉簧调节曲柄销螺钉 | Screw | 1 |
| 15 | GH342 | 拉簧调节曲柄 | Tension spring suspension crank | 1 |
| 16 | GS049 | 调节曲柄紧固螺钉 | Clamp screw | 1 |
| 17 | GS48 | 调节曲柄定位螺钉 | Screw | 1 |
| 18 | GW258 | 倒送料轴拉簧 | Tension spring | 1 |
| 19 | GR1547 | 拉簧固定板 | Suspension bracket | 1 |
| 20 | GS01 | 拉簧固定板螺钉 | Screw | 1 |
| 21 | GZ282 | 倒送料轴 | Reverse feed control lever shaft | 1 |
| 22 | GR1542 | 倒送料轴O形圈 | Rubber ring,large | 1 |
| 23 | GS1543 | 倒送料轴弹性垫圈 | Waved washer | 1 |
| 24 | GR1544 | 倒送料扳手 | Reverse feed control lever | 1 |
| 25 | GS050 | 倒送料扳手定位螺钉 | Screw | 1 |
| 26 | GS033 | 倒送料扳手螺钉 | Screw | 1 |
| 27 | GS051 | 倒送料轴端螺钉 | End screw | 2 |
| 28 | GR1545 | 倒送料轴端孔塞 | Rubber plug | 1 |
| 29 | GS0134 | 倒送料挡块螺杆 | Screw | 1 |
| 30 | GR1599 | 衬套 | Bushing | 1 |
| 31 | GL21 | 挡块螺杆螺母 | Nut | 1 |
| 32 | GR1844 | 倒送料挡块 | Lever stopper | 1 |
| 33 | GS0135 | 倒送料挡块螺钉 | Screw | 1 |
| 34 | GR1845 | 倒送料挡块橡胶垫 | Rubber cushion | 1 |
| 35 | GH344 | 倒送料曲柄 | Control lever crank,rear | 1 |
| 36 | GS48 | 倒送料曲柄定位螺钉 | Screw | 1 |
| 37 | GS049 | 倒送料曲柄螺钉 | Screw | 1 |
| 38 | GH345 | 倒送料连杆 | Feed driving rocker arm connecting | 1 |
| 39 | GS052 | 倒送料连杆轴位螺钉 | Screw | 1 |
| 40 | GR1546 | 倒送料连杆轴位垫圈 | Washer | 1 |
| 41 | GL20 | 倒送料连杆轴位螺母 | Nut | 1 |



6、弯针勾线分组件

Looper thread retainer components

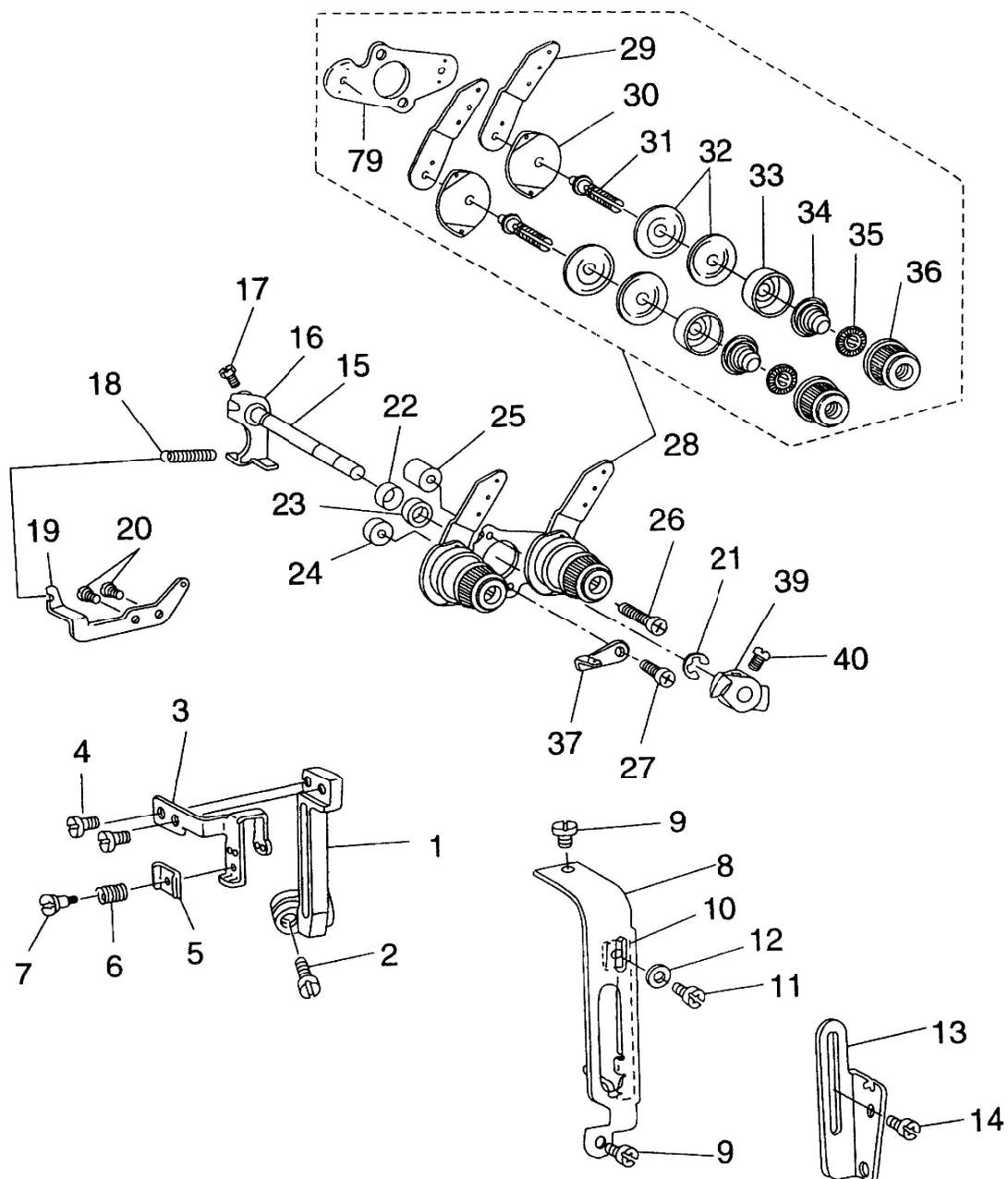
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|----------|------------------------------|------------------|
| 1 | GC168 | 上轴伞齿轮 | Gear asm. | 1 |
| 2 | GC167 | 竖轴上伞齿轮 | Pinion asm. | 1 |
| 3 | GO283 | 竖轴上轴套 | Bushing,upper | 1 |
| 4 | GO280/2 | 竖轴下轴套部件 | Bushing,lower | 1 |
| 5 | GS04 | 竖轴轴套螺钉 | Screw | 2 |
| 6 | GC167 | 竖轴下伞齿轮 | Gear asm. | 1 |
| 7 | GZ307-1 | 竖轴 | Upright, shaft | 1 |
| 8 | GS033 | 伞齿轮螺钉 | Bushing, front asm,screw | 8 |
| 9 | GC169 | 下轴伞齿轮 | Gear asm | 1 |
| 10 | GZ308 | 下轴 | Lower shaft asm. | 1 |
| 11 | GO307 | 下轴后轴套 | Bushing, rear | 1 |
| 12 | GS04 | 下轴后轴套螺钉 | Screw | 1 |
| 13 | GR1847 | 下轴后轴套油毡 | Felt | 1 |
| 14 | GO308/2 | 下轴中轴套部件 | Bushing,intermediate | 1 |
| 15 | GS04 | 下轴中轴套螺钉 | Screw | 1 |
| 16 | GR1848 | 下轴挡圈 | Thrust collar asm | 1 |
| 17 | GS033 | 下轴挡圈螺钉 | Screw | 2 |
| 18 | GO311/2 | 下轴轴套部件 | Bushing,front | 1 |
| 19 | GS04 | 下轴轴套螺钉 | Screw | 1 |
| 20 | GR1849 | 下轴前轴套油封套 | Looper thread guard bushing | 1 |
| 21 | GR1850 | 下轴前轴套油封 | Oil seal | 1 |
| 22 | GZ309 | 弯针轴 | Looper rocker shaft | 1 |
| 23 | GO308/2 | 弯针轴后轴套部件 | Bushing,intermediate | 1 |
| 24 | GS04 | 弯针后轴套螺钉 | Screw | 1 |
| 25 | GO314/2 | 弯针轴前轴套部件 | Bushing,front | 1 |
| 26 | GS48 | 弯针轴前轴套螺钉 | Screw | 1 |
| 27 | GR1848 | 弯针轴挡圈 | Thrust collar asm | 1 |
| 28 | GS033 | 弯针轴挡圈螺钉 | Screw | 2 |
| 29 | GC170 | 主动弯针齿轮 | Gear asm.upper | 1 |
| 30 | GS033 | 主动弯针齿轮螺钉 | Screw | 2 |
| 31 | GC171 | 被动弯针齿轮 | Gear asm.lower | 1 |
| 32 | GS033 | 被动弯针齿轮螺钉 | Screw | 2 |
| 33 | GH384 | 弯针曲柄 | Looper crank asm. | 1 |
| 34 | GS033 | 弯针曲柄螺钉 | Screw | 2 |
| 35 | GS0136 | 弯针曲柄调节螺钉 | Looper crank adjusting screw | 1 |
| 36 | GR1851/5 | 弯针十字接头部件 | Trunnion asm. | 1 |
| 37 | GZ310/3 | 弯针摆轴部件 | Looper rocker shaft asm | 1 |
| 38 | GS0100 | 弯针摆轴盖螺钉 | Screw | 4 |



6、弯针勾线分组件

Looper thread retainer components

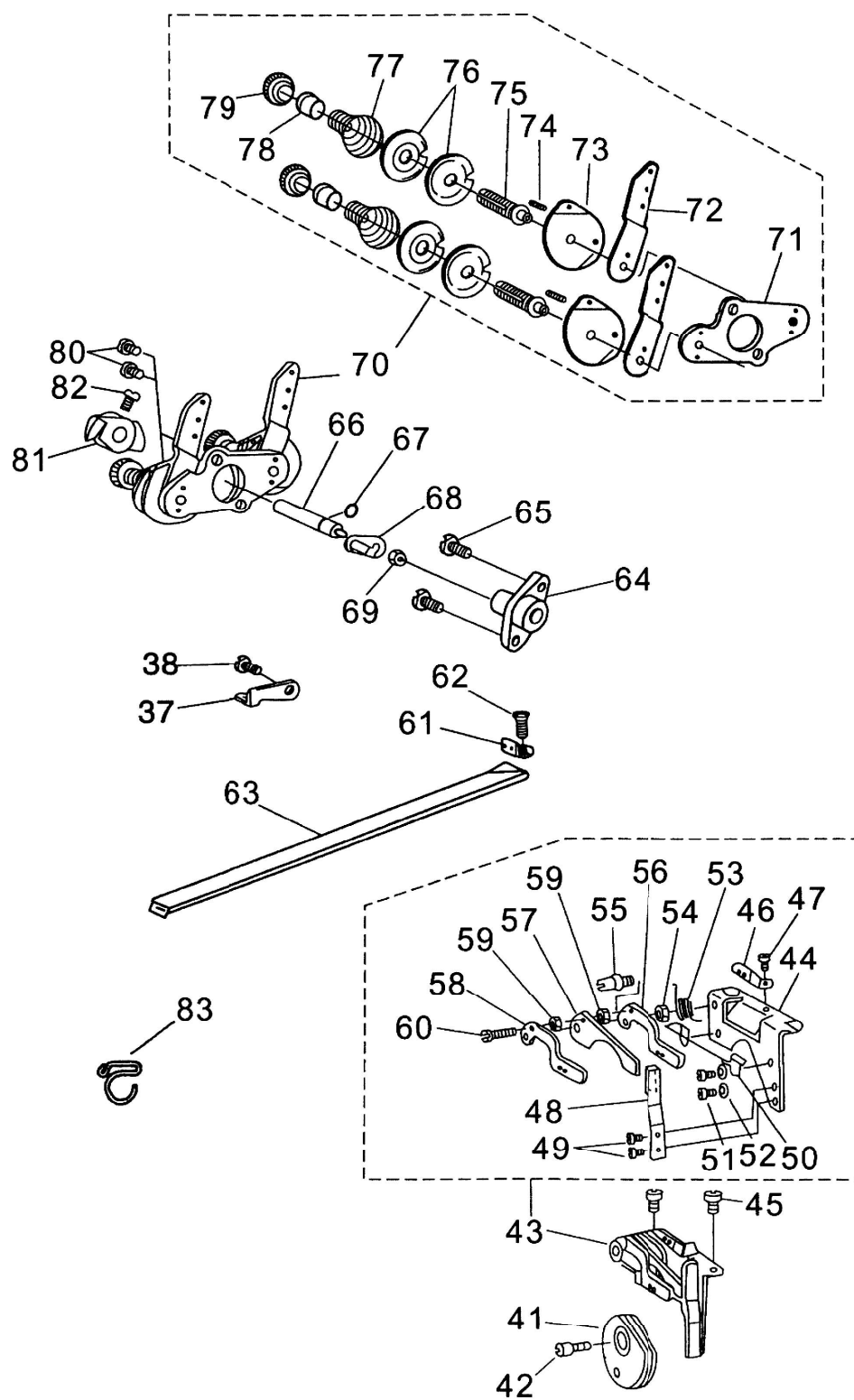
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|------------|-----------------------------------|------------------|
| 39 | GR1837 | 弯针摆轴油线 | Oil wick | 1 |
| 40 | GR1854 | 弯针摆轴挡圈 | Snap ring | 2 |
| 41 | GR1855 | 弯针架座 | Looper mounting base | 1 |
| 42 | GS0137 | 弯针架座螺钉 | Screw | 4 |
| 43 | GO318 | 弯针摆轴轴套 | Bushing, rear | 2 |
| 44 | GS032 | 弯针摆轴轴套螺钉 | Screw | 2 |
| 45 | GH385 | 左弯针曲柄 | Looper holder asm.(left) | 1 |
| 46 | GS040 | 左弯针曲柄螺钉 | Screw | 1 |
| 47 | GN169 | 左弯针 | Looper (left) | 1 |
| 48 | GS0138 | 弯针螺钉 | Screw | 2 |
| 49 | GH386 | 右弯针曲柄 | Looper holder asm. (right) | 1 |
| 50 | GS040 | 右弯针曲柄螺钉 | Screw | 1 |
| 51 | GN170 | 右弯针 | Looper (right) | 1 |
| 52 | GK187/7 | 弯针曲柄罩壳部件 | Crank cover asm | 1 |
| 53 | GS0139 | 曲柄罩壳螺钉 | Screw | 3 |
| 54 | GR1462 | 曲柄罩壳孔塞 | Rubber plug | 1 |
| 55 | GR1856 | 曲柄罩壳排油管 | Vinyl tube | 1 |
| 56 | GT162 | 护针凸轮 | Needle guard crank asm | 1 |
| 57 | GS48 | 护针凸轮螺钉 | Screw | 2 |
| 58 | GH387 | 护针连杆 | Needle guard crank rod | 1 |
| 59 | GH388 | 护针叉形曲柄 | Rear needle guard rocker fork | 1 |
| 60 | GS019 | 护针叉形曲柄螺钉 | Screw | 1 |
| 61 | GX380 | 护针曲柄销 | Pin | 1 |
| 62 | GR1837 | 护针曲柄销油线 | Oil wick | 1 |
| 63 | GS032 | 护针曲柄销螺钉 | Screw | 1 |
| 64 | GO319 | 护针轴套 | Bushing | 1 |
| 65 | GS48 | 护针轴套螺钉 | Screw | 1 |
| 66 | GZ312 | 护针轴 | Needle guard driving shaft asm | 1 |
| 67 | GR1837 | 护针轴油线 | Oil wick | 1 |
| 68 | GH389 | 护针曲柄 | Rear needle guard rocker arm asm. | 1 |
| 59 | GS040 | 护针曲柄螺钉 | Screw | 1 |
| 70 | GR1857 | 摆动护针(1/4") | Driving needle guard(1/4) | 1 |
| 71 | GS0100 | 摆动护针杆螺钉 | Screw | 1 |
| 72 | GR1858 | 护针杆座 | Needle guard base | 1 |
| 73 | GS030 | 护针杆座螺钉 | Screw | 2 |
| 74 | GR1859 | 左固定护针杆 | Counter needle guard, left | 1 |
| 75 | GR1860 | 右固定护针杆 | Counter needle guard, right | 1 |
| 76 | GS011 | 左右固定护针杆螺钉 | Screw | 2 |



7、挑线、松线、夹线分组件

Thread take-up, tension, and tension releasing assembly complete

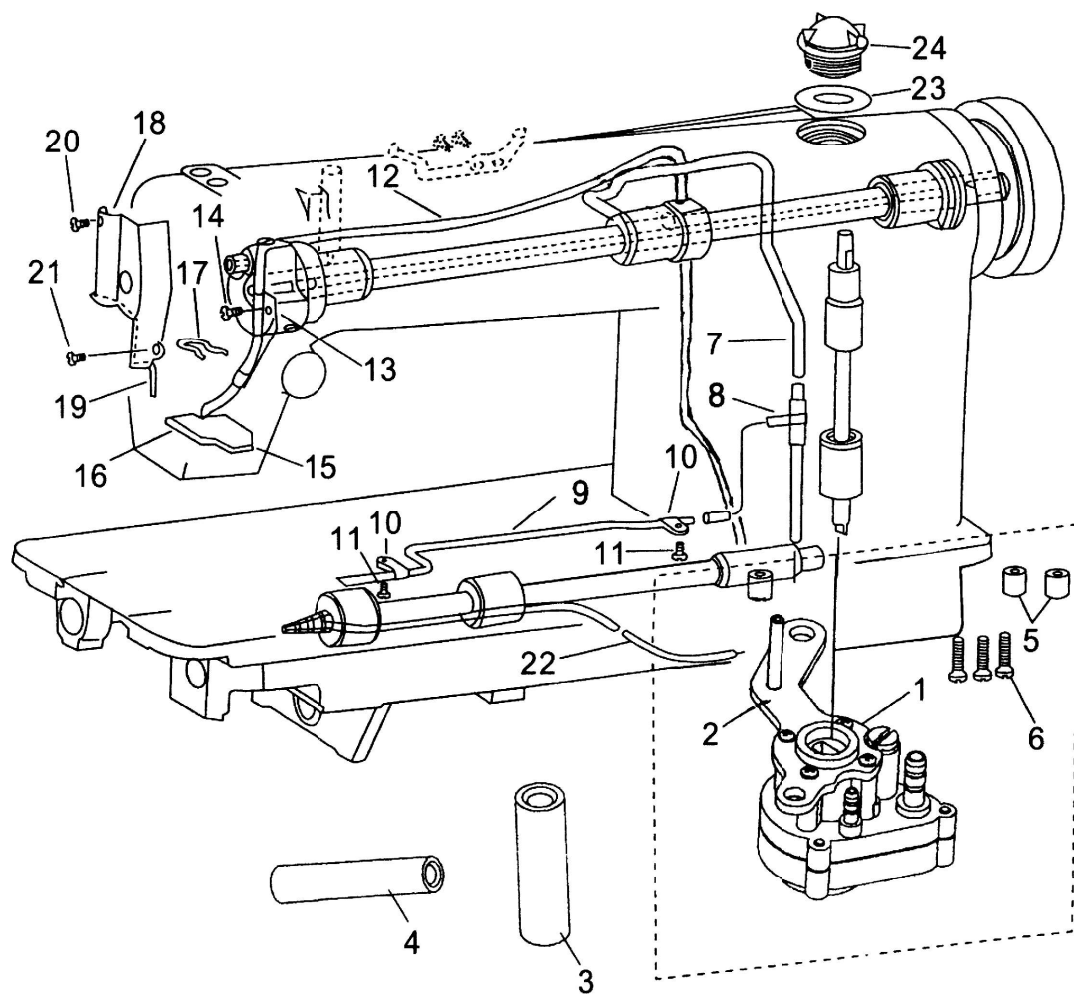
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|------------|-----------------------------------|------------------|
| 1 | GH390 | 挑线连杆 | Thread take-up lever | 1 |
| 2 | GS0140 | 挑线连杆螺钉 | Screw | 1 |
| 3 | GH392 | 挑线杆 | Thread take-up | 1 |
| 4 | GS011 | 挑线杆紧固螺钉 | Screw | 2 |
| 5 | GR1861 | 挑线杆夹线板 | Tension plate | 1 |
| 6 | GW294 | 挑线杆夹线簧 | Tension spring | 1 |
| 7 | GS0141 | 挑线杆夹线板轴螺钉 | Screw | 1 |
| 8 | GK190 | 挑线杆护罩 | Thread take-up lever guard | 1 |
| 9 | GS010 | 挑线杆护罩螺钉 | Screw | 2 |
| 10 | GR1862 | 线量调节板 | Take-up thread tension lever | 1 |
| 11 | GS010 | 线量调节板螺钉 | Screw | 1 |
| 12 | GR1528 | 调节板螺钉垫圈 | Washer | 1 |
| 13 | GR1863 | 中间导线钩 | Frame thread eyelet | 1 |
| 14 | GS010 | 中间导线钩螺钉 | Screw | 1 |
| 15 | GZ313 | 松线轴 | Tension release shaft | 1 |
| 16 | GH393/2 | 面线松线曲柄部件 | Tension release arm asm. | 1 |
| 17 | GS082 | 面线松线曲柄螺钉 | Screw | 1 |
| 18 | GW295 | 抬压脚后杠杆弹簧 | Spring | 1 |
| 19 | GR1865 | 后杠杆弹簧固定板 | Suspension bracket | 1 |
| 20 | GS81 | 后杠杆弹簧固定板螺钉 | Screw | 2 |
| 21 | GR1507 | 松线轴挡圈 | Snap ring | 1 |
| 22 | GR1866 | 松线轴油封 | Oil seal ring | 1 |
| 23 | GR1867 | 松线轴环 | Tension release shaft spacer | 1 |
| 24 | GR1868 | 夹线器下安装垫 | Spacer(A) for installing plate | 1 |
| 25 | GR1869 | 夹线器上安装垫 | Spacer(B) for installing plate | 1 |
| 26 | GS0142 | 夹线器上安装垫螺钉 | Screw | 1 |
| 27 | GS079 | 夹线器下安装垫螺钉 | Screw | 1 |
| 28 | GR1870/19 | 面线夹线器部件 | Needle thread tension asm. | (1) |
| 29 | GR1871 | 面线单面导线板 | Needle thread tension guide plate | 2 |
| 30 | GR1872 | 面线双面导线板 | Tension thread guide | 2 |
| 31 | GS0143 | 夹线螺钉 | Looper thread tension post | 2 |
| 32 | GR1488 | 面线夹线板 | Tension disc | 4 |
| 33 | GR1873 | 面线松线座 | Tension disc presser tube | 2 |
| 34 | GW251 | 面线夹线簧 | Tension spring | 2 |
| 35 | GR1490 | 面线止动板 | Tension disc stopper | 2 |
| 36 | GL34/2 | 面线夹线螺母部件 | Tension nut | 2 |
| 37 | GR1875 | 导线钩 | Frame thread guide | 2 |
| 38 | GS010 | 导线钩螺钉 | Screw | 1 |
| 39 | GR1876 | 面线松线爪 | Tension release latch | 1 |
| 40 | GS082 | 面线松线爪螺钉 | Screw | 1 |



7、挑线、松线、夹线分组件

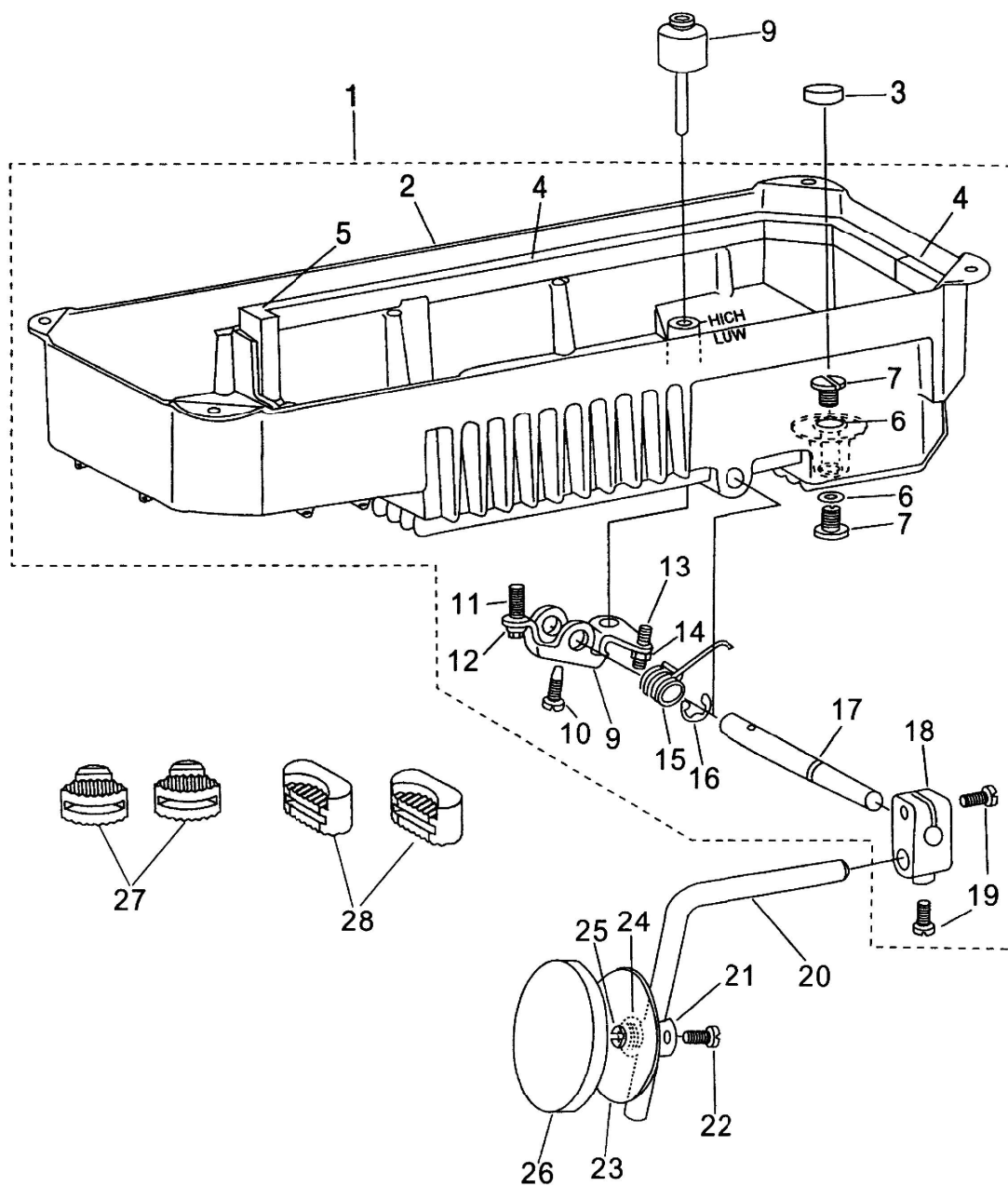
Thread take-up, tension, and tension releasing assembly complete

| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|------------|-------------------------------------|------------------|
| 41 | GR1877 | 底线打线凸轮 | Looper thread take-up cam | 1 |
| 42 | GS0144 | 底线打线凸轮定位螺钉 | Screw | 1 |
| 43 | GR1878/20 | 凸轮导线钩部件 | Looper thread guide asm. | 1 |
| 44 | GR1879 | 凸轮导线架 | Thread guide plate | 1 |
| 45 | GS010 | 凸轮导线架螺钉 | Screw | 2 |
| 46 | GR1880 | 底线双线导线钩 | Looper thread guide | 1 |
| 47 | GR069 | 底线双线导线钩螺钉 | Screw | 1 |
| 48 | GW296 | 底线导线止动簧 | Thread guide stopper spring | 1 |
| 49 | GS069 | 底线导线止动簧螺钉 | Screw | 2 |
| 50 | GR1881 | 底线脱线钢丝 | Cast-off wire | 1 |
| 51 | GS44 | 底线脱线钢丝螺钉 | Screw | 2 |
| 52 | GR1882 | 底线脱线钢丝螺钉垫圈 | Washer | 2 |
| 53 | GW297 | 底线导线簧 | Thread guide spring | 1 |
| 54 | GL31 | 凸轮过线螺钉螺母 | Nut | 1 |
| 55 | GS0145 | 凸轮过线螺钉 | Thread guide stud | 1 |
| 56 | GR1883 | 凸轮导线钩（右） | Looper thread guide, right | 1 |
| 57 | GR1884 | 凸轮脱线爪 | Cast-off plate | 1 |
| 58 | GR1885 | 凸轮导线钩（左） | Looper thread guide, left | 1 |
| 59 | GR1886 | 凸轮导线环 | Collar | 2 |
| 60 | GS065 | 凸轮导线钩螺钉 | Screw | 1 |
| 61 | GR1887 | 底线导线钩 | Looper thread guide | 1 |
| 62 | GS0146 | 底线导线钩螺钉 | Screw | 1 |
| 63 | GR1888 | 底线导线管 | Looper thread guide tube | 1 |
| 64 | GR1889 | 松线轴套 | Tension release shaft bushing | 1 |
| 65 | GS0123 | 松线轴套螺钉 | Screw | 2 |
| 66 | GZ314 | 底线松线轴 | Looper thread release shaft | 1 |
| 67 | GR1800 | 底线松线轴O型圈 | Rubber ring | 1 |
| 68 | GH395/2 | 底线松线轴曲柄部件 | Tension release arm asm. | 1 |
| 69 | GL31 | 底线松线轴螺母 | Nut | 1 |
| 70 | GR1891/19 | 底线夹线器部件 | Lower thread tension asm. | (1) |
| 71 | GR1892 | 夹线器安装板 | Tension installing plate | 2 |
| 72 | GR1893 | 底线单面导线板 | Looper thread tension control plate | 2 |
| 73 | GR1894 | 底线双面导线板 | Thread guide | 2 |
| 74 | GX382 | 底线夹线板止转销 | Spring pin | 2 |
| 75 | GS0143 | 夹线螺钉 | Looper thread tension post | 2 |
| 76 | GR1895 | 底线夹线板 | Tension disc | 4 |
| 77 | GW298 | 底线夹线簧 | Looper thread tension spring | 2 |
| 78 | GR1896 | 底线夹线止转圈 | Tension spring bushing | 2 |
| 79 | GL36 | 底线夹线螺母 | Tension post nut | 2 |
| 80 | GS010 | 夹线器安装板螺钉 | Screw | 2 |
| 81 | GR1897 | 底线松线爪 | Looper thread release latch | 1 |
| 82 | GS082 | 底线松线爪螺钉 | Screw | 1 |
| 83 | GS2021 | 小线钩 | Small thread guage | 1 |



8、润滑分组件 Lubrication

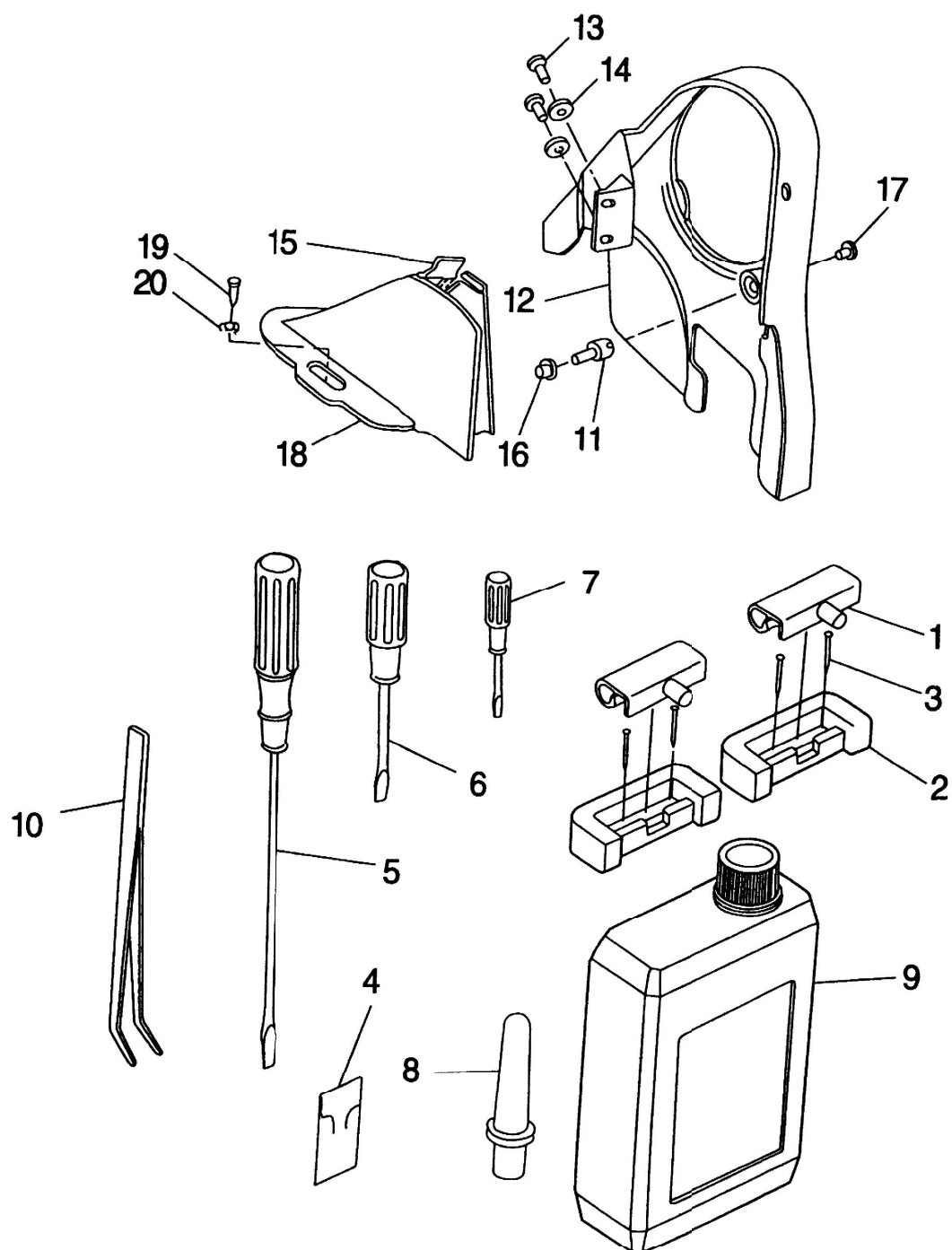
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|-----------|---------------------------|------------------|
| 1 | GR1899/21 | 油泵部件 | Lubricating oil pump asm. | (1) |
| 2 | GR1549 | 油泵安装板 | Oil pump installing base | 1 |
| 3 | GR1557 | 上轴供油管接头 | Rubber joint | 1 |
| 4 | GR1559 | 下轴供油管接头 | Rubber joint | 1 |
| 5 | GR1901 | 油泵垫圈 | Collar | 3 |
| 6 | GS0109 | 油泵螺钉 | Screw | 3 |
| 7 | GR1902 | 上轴供油管 | Main shaft oil tube | 1 |
| 8 | GR1903 | 齿轮供油管橡皮接头 | Oil sight window base | 1 |
| 9 | GR1904 | 齿轮供油管 | Gear oil pipe | 1 |
| 10 | GR1566 | 齿轮供油管夹 | Holder | 2 |
| 11 | GS81 | 齿轮供油管夹螺钉 | Screw | 2 |
| 12 | GS3401-7 | 上轴回油管 | Oil return tube asm | 1 |
| 13 | GR1566 | 回油管夹 | Oil return tube holder | 1 |
| 14 | GS81 | 回油管夹螺钉 | Screw | 1 |
| 15 | GR1567 | 回油除尘毡 | Oil felt presser | 1 |
| 16 | GR1568 | 回油毡 | Oil felt | 1 |
| 17 | GR1569 | 回油毡夹 | Oil felt presser | 1 |
| 18 | GR1906 | 面部挡油板 | Arm oil shield | 1 |
| 19 | GR1735 | 面部挡油板油线 | Oil wick | 1 |
| 20 | GS069 | 面部挡油板上螺钉 | Screw | 1 |
| 21 | GS010 | 面部挡油板下螺钉 | Screw | 1 |
| 22 | GR1909 | 下轴供油管 | Oil tube | 1 |
| 23 | GR1562 | 油窗O形圈 | O-Rubber ring | 1 |
| 24 | GR1561 | 油窗 | Oil singht window | 1 |



9、油盘、膝抬压脚分组件

Oil reservoir & knee lifter components

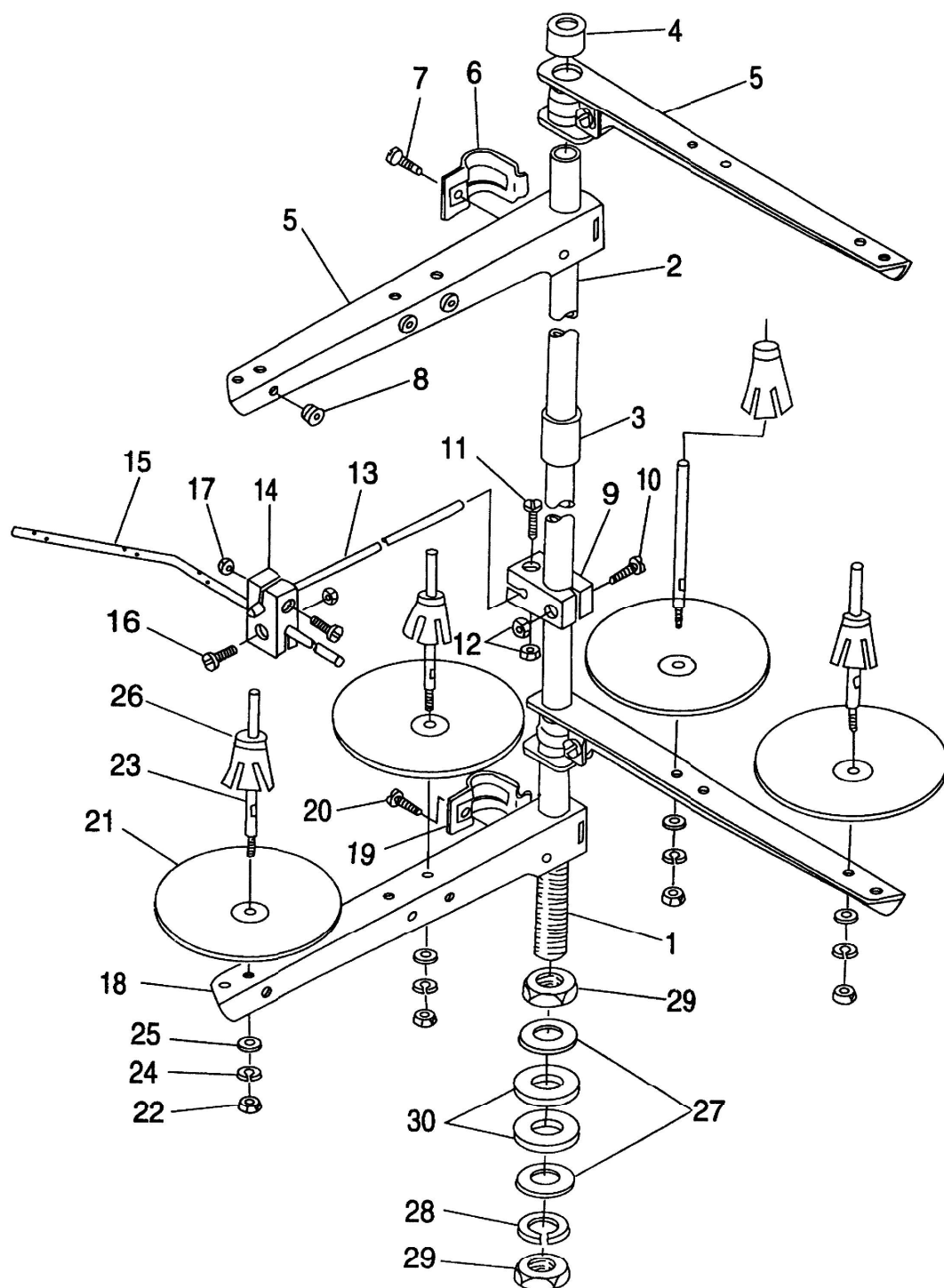
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|----------|------------------------------|------------------|
| 1 | GR1910/13 | 油盘部件 | Oil reservoir asm. | (1) |
| 2 | GR1911 | 油盘 | Oil reservoir | 1 |
| 3 | GR1576 | 油盘磁铁 | Oil reservoir magnet | 2 |
| 4 | GR1912 | 油盘侧面垫 | Gasket | 1 |
| 5 | GR1913 | 油盘端面垫 | Gasket | 2 |
| 6 | GR1575 | 排油螺钉O形圈 | Oil drain cap gasket | 2 |
| 7 | GS02 | 排油螺钉 | Oil drain screw | 1 |
| 8 | GR1581 | 抬压脚顶销 | Knee press lifter rod | 1 |
| 9 | GR1582 | 抬压脚双向曲柄 | Lifting | 1 |
| 10 | GS056 | 双向曲柄螺钉 | Positioning screw | 1 |
| 11 | GS057 | 双向曲柄限位螺钉 | Positioning screw | 1 |
| 12 | GL21 | 双向曲柄限位螺母 | Nut | 1 |
| 13 | GS058 | 双向曲柄调节螺钉 | Positioning screw | 1 |
| 14 | GL21 | 双向曲柄调节螺母 | Nut | 1 |
| 15 | GW261 | 双向曲柄扭簧 | Spring | 1 |
| 16 | GR1583 | 抬压脚轴开口挡圈 | Thrust ring | 1 |
| 17 | GZ283 | 抬压脚轴 | Knee press rod | 1 |
| 18 | GR1584 | 抬压脚操纵杆节头 | Bearing bracket | 1 |
| 19 | GS059 | 操纵杆节头螺钉 | Clamp screw | 2 |
| 20 | GR1586 | 操纵杆 | Knee lifter plate rod | 1 |
| 21 | GR1587 | 操纵板节头 | Knee predd plate cover joint | 1 |
| 22 | GS08 | 操纵板节头螺钉 | Screw | 1 |
| 23 | GR1588 | 操纵板 | Knee press plate | 1 |
| 24 | GW262 | 操纵板簧 | Knee press plate spring | 1 |
| 25 | GS060 | 操纵板螺钉 | Screw | 1 |
| 26 | GKR13 | 操纵板软垫 | Knee press plate cover | 1 |
| 27 | GR3408-7 | 小防震垫 | Small rubber cushion | 2 |
| 28 | GR1578-7 | 大防震垫 | Big rubber cushion | 2 |



10、机头附件

Machine head accessories

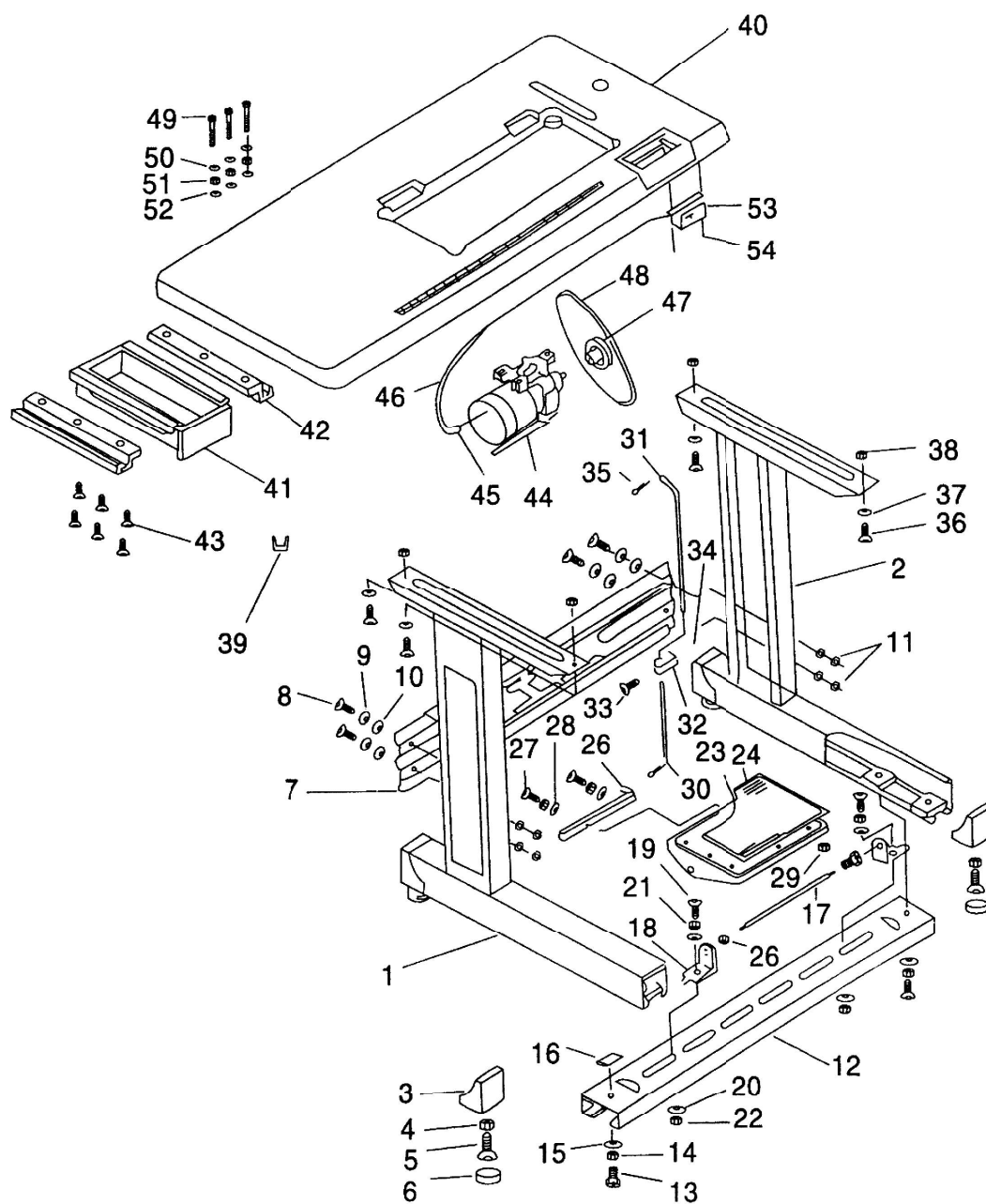
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|----------|-------------------------------|------------------|
| 1 | GR1590/2 | 机头连接钩部件 | Machine hinge plate asm. | 2 |
| 2 | GR1593 | 机头连接钩座 | Machine hinge plate | 2 |
| 3 | GBX105 | 机头连接钩座钉 | Nail | 4 |
| 4 | GV18 | 机针 | Needle | 1包 |
| 5 | GR1601 | 螺丝刀(大) | Screw driver (L) | 1 |
| 6 | GR1602 | 螺丝刀(中) | Screw driver (M) | 1 |
| 7 | GR1603 | 螺丝刀(小) | Screw driver (S) | 1 |
| 8 | GBR148 | 机头支柱 | Machine reat pin | 1 |
| 9 | GR1604/3 | 油箱部件 | Lubricating unit case asm. | 1 |
| 10 | GR558/2 | 镊子 | Tweezer | 1 |
| 11 | GS061 | 罩壳支柱 | Belt cover support stud | 1 |
| 12 | GR1447 | 上轮前罩壳 | Belt-cover A | 1 |
| 13 | GS062 | 罩壳螺钉 | Screw | 2 |
| 14 | GR1599 | 罩壳螺钉垫圈 | Washer | 2 |
| 15 | GR1448 | 后罩壳盖 | Belt-cover B cover asm. | 1 |
| 16 | GL38 | 后罩支柱螺母 | Nut | 1 |
| 17 | GS0574 | 前罩壳紧固螺钉 | Screw | 1 |
| 18 | GR1449 | 上轮后罩壳 | Belt-cover B | 1 |
| 19 | GBS120 | 传动带罩壳木螺钉 | Driving belt cover wood screw | 2 |
| 20 | GBR147 | 罩壳木螺钉垫圈 | Wood screw washer | 2 |



11、四线团架分组件

Quadruple-thread spool stand asm.

| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|-------------|---------------------------|------------------|
| 1 | GZ315 | 线架杆下节 | Spool rest rod (upper) | 1 |
| 2 | GZ316 | 线架杆上节 | Spool rest rod (lower) | 1 |
| 3 | GR1932 | 线架杆接头 | Spool rested joint | 1 |
| 4 | GR1744 | 线架杆顶防护橡皮 | Spool rest rod rubber cap | 1 |
| 5 | GR1825 | 线架过线杆 | Thread guide asm. | 2* |
| 6 | GR1745 | 线架过线夹 | Thread guide asm joint | 2* |
| 7 | GS558 | 线架过线夹螺钉 | Screw | 2* |
| 8 | GR1784 | 导线圈 | Thread guide ring | 6** |
| 9 | GR1933 | 线架导线杆夹 | Thread guide arm holder | 1 |
| 10 | GS149 | 线架导线杆夹螺钉(A) | Screw | 1 |
| 11 | GS113 | 线架导线杆夹螺钉(B) | Screw | 1 |
| 12 | GL104 | 线架导线杆夹螺母 | Nut | 2 |
| 13 | GZ317 | 线架导线杆 | Thread guide arm | 1 |
| 14 | GR1934 | 线架导线杆过线夹 | Thread guide arm holder | 1 |
| 15 | GR1935 | 线架导线杆过线 | Lower thread guide | 1 |
| 16 | GS231 | 线架导线杆过线夹螺钉 | Screw | 2 |
| 17 | GL110 | 线架导线杆过线夹螺母 | Nut | 2 |
| 18 | GR1825 | 线盘架 | Spool rest arm. | 2* |
| 19 | GR1745 | 线盘架夹 | Thread guide arm joint | 2* |
| 20 | GS558 | 线盘架夹螺钉 | Screw | 2* |
| 21 | GR1811 | 线盘 | Spool rest | 4*** |
| 22 | GL23 | 线盘钉螺母 | Nut | 4*** |
| 23 | GS067 | 线盘钉 | Spool pin | 4*** |
| 24 | GR1625 | 线盘钉弹簧垫圈 | Spring washer | 4*** |
| 25 | GR1626 | 线盘钉垫圈 | Washer | 4*** |
| 26 | GR1215 | 线团防松垫 | Spool cushion | 4 |
| 27 | GR1696 | 线架杆紧固螺母垫圈 | Washer | 2 |
| 28 | GR1751 | 紧固螺母弹簧垫圈 | Spring washer | 1 |
| 29 | GL158 | 线架杆紧固螺母 | Nut | 2 |
| 30 | GR1753 | 线架杆防震橡皮圈 | Rubber washer | 2 |



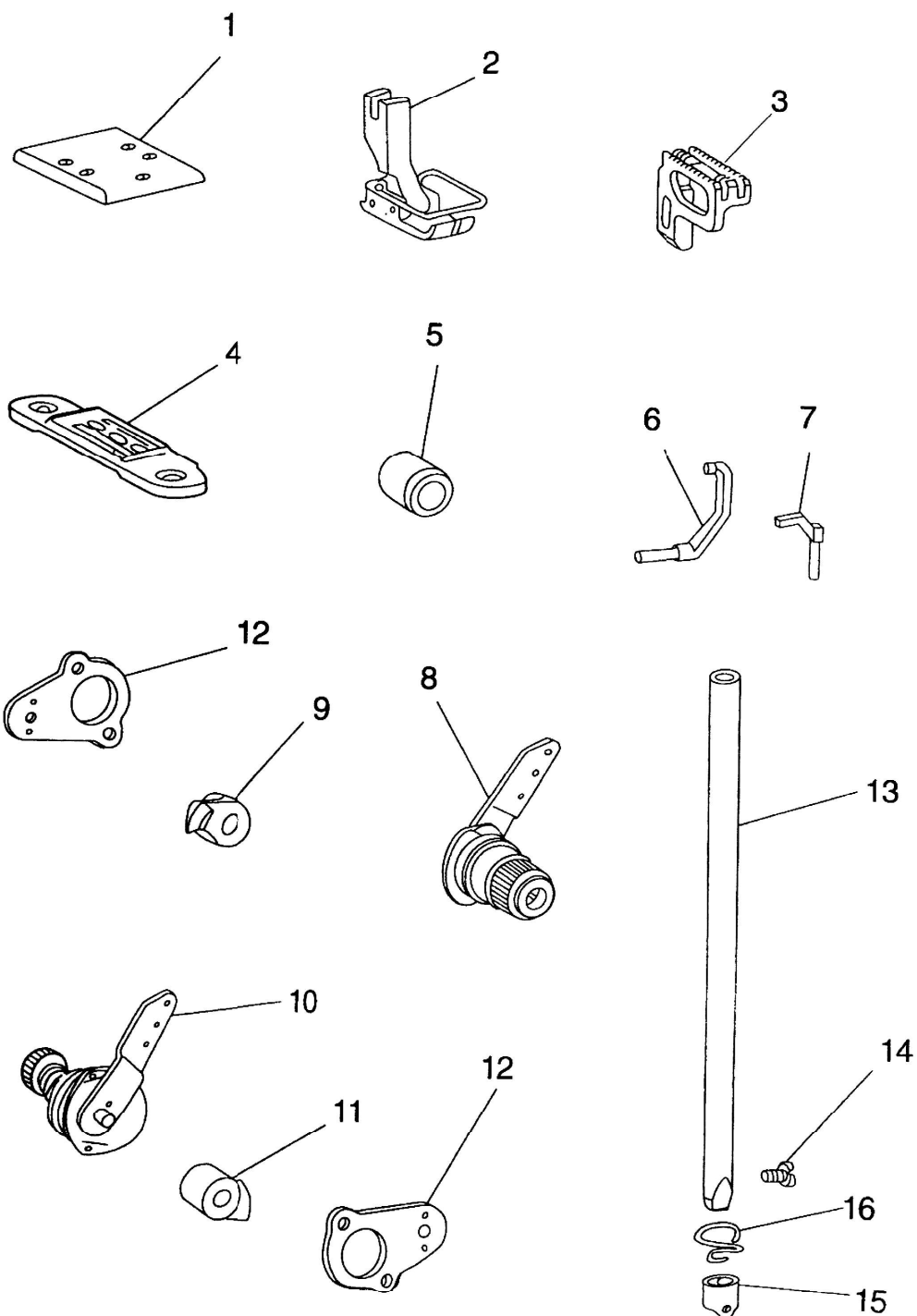
12、机架、台板、电器分组件 *

Machine stand, table & electric appliance components *

| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|------------|----------------------------------------|------------------|
| 1 | GKR302/5 | 边架部件(左) | Stand side asm.left | 1 |
| 2 | GKR305/5 | 边架部件(右) | Stand side asm.right | 1 |
| 3 | GKR318 | 边架座套 | Rubber cushion | 4 |
| 4 | GKL104 | 调节座螺母 | Nut | 4 |
| 5 | GKR196/2 | 调节座 | Screw | 4 |
| 6 | GKR198 | 调节座胶垫 | Space ring | 4 |
| 7 | GKR309 | 横档 | Stand side support | 1 |
| 8 | GKS110 | 横档连接螺钉 | Screw | 4 |
| 9 | GKR106 | 边架柱弹簧垫圈 | Spring washer | 4 |
| 10 | GKR122 | 边架柱垫圈 | Washer | 8 |
| 11 | GKL101 | 横档固定螺母 | Nut | 4 |
| 12 | GKR310 | 踏板轴档 | Treadle brace | 1 |
| 13 | GKS110 | 踏板轴档螺钉 | Screw | 2 |
| 14 | GKR106 | 踏板轴档弹簧垫圈 | Spring washer | 2 |
| 15 | GKR122 | 踏板板轴档垫圈 | Washer | 2 |
| 16 | GKR311 | 踏板轴档定位螺母板 | Treadle brace lock nut plate | 2 |
| 17 | GKX301 | 踏板轴 | Treadle shaft | 1 |
| 18 | GKR317 | 踏板轴座 | Treadle bracket | 2 |
| 19 | GKS110 | 踏板轴座螺钉 | Screw | 2 |
| 20 | GKR122 | 踏板轴座垫圈 | Washer | 4 |
| 21 | GKR106 | 踏板轴座弹簧垫圈 | Spring washer | 2 |
| 22 | GKL101 | 踏板轴座螺母 | Nut | 2 |
| 23 | GKR312 | 踏板 | Treadle | 1 |
| 24 | GKR313 | 踏板垫 | Gasket | 1 |
| 25 | GKR314 | 踏板衬套 | Collar | 2 |
| 26 | GKR315 | 踏板杠杆 | Treadle pitman | 1 |
| 27 | GKS102 | 踏板杠杆螺钉 | Screw | 2 |
| 28 | GKR112 | 踏板杠杆垫圈 | Washer | 4 |
| 29 | GKL102 | 踏板杠杆螺母 | Nut | 2 |
| 30 | GKR116 | 下拉杆 | Pitman rod, lower | 1 |
| 31 | GKR118 | 上拉杆 | Pitman rod, upper | 1 |
| 32 | GKR183 | 拉杆接头 | Joint | 1 |
| 33 | GKS110 | 拉杆接头螺钉 | Joint screw | 1 |
| 34 | GKL101 | 拉杆接头螺母 | Joint nut | 1 |
| 35 | GKX101 | 上拉杆开口销 | Pitman rod split pin (upper) | 1 |
| 36 | GBS114 | 台板木螺钉 | Table wood screw | 4 |
| 37 | GKR112 | 台板木螺钉垫圈 | Table wood screw washer | 4 |
| 38 | GKR186 | 台板垫圈 | Table washer | 4 |
| 39 | GBR156 | 抽斗限位 | Drawer limit plate | 1 |
| 40 | GBR158/2 | 台板组件 | Table | 1 |
| 41 | GBR203/2 | 抽斗部件 | Drawer | 1 |
| 42 | GBR206 | 抽斗导轨 | Drawer rail | 2 |
| 43 | GBS121 | 抽斗导轨木螺钉 | Drawer rail wood screw | 6 |
| 44 | GD234 | GFC4024型电机 | Model GFC4024 motor | 1 |
| 45 | GD219 | 电机接线插头 | Motor connecting wire plug | 1 |
| 46 | GD108 | 电机接线 | Motor wire | 1 |
| 47 | GD023/3 | 电动机带轮 | Motor pulley | 1 |
| 48 | GE122 | 机头传动带 | Machine driving belt | 1 |
| 49 | GKS122 | 电机台板连接螺钉 | Motor & table connecting screw | 3 |
| 50 | GKR209 | 电机台板连接垫圈 | Motor & table connecting washer | 3 |
| 51 | GKR106 | 电机台板连接弹簧垫圈 | Motor & table connecting spring washer | 3 |
| 52 | GKL101 | 电机台板连接螺母 | Motor & table connecting nut | 3 |
| 53 | GD227 | 电源开关 | Power source switch | 1 |
| 54 | GBS104 | 电源开关木螺钉 | Power source switch wood screw | 2 |

*本分组件需另行订购

* Note that parts above mentioned shall be purchased in a separate order



13、高速单针链缝机

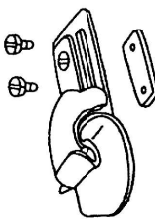
Model one-needle high speed chainstitcher

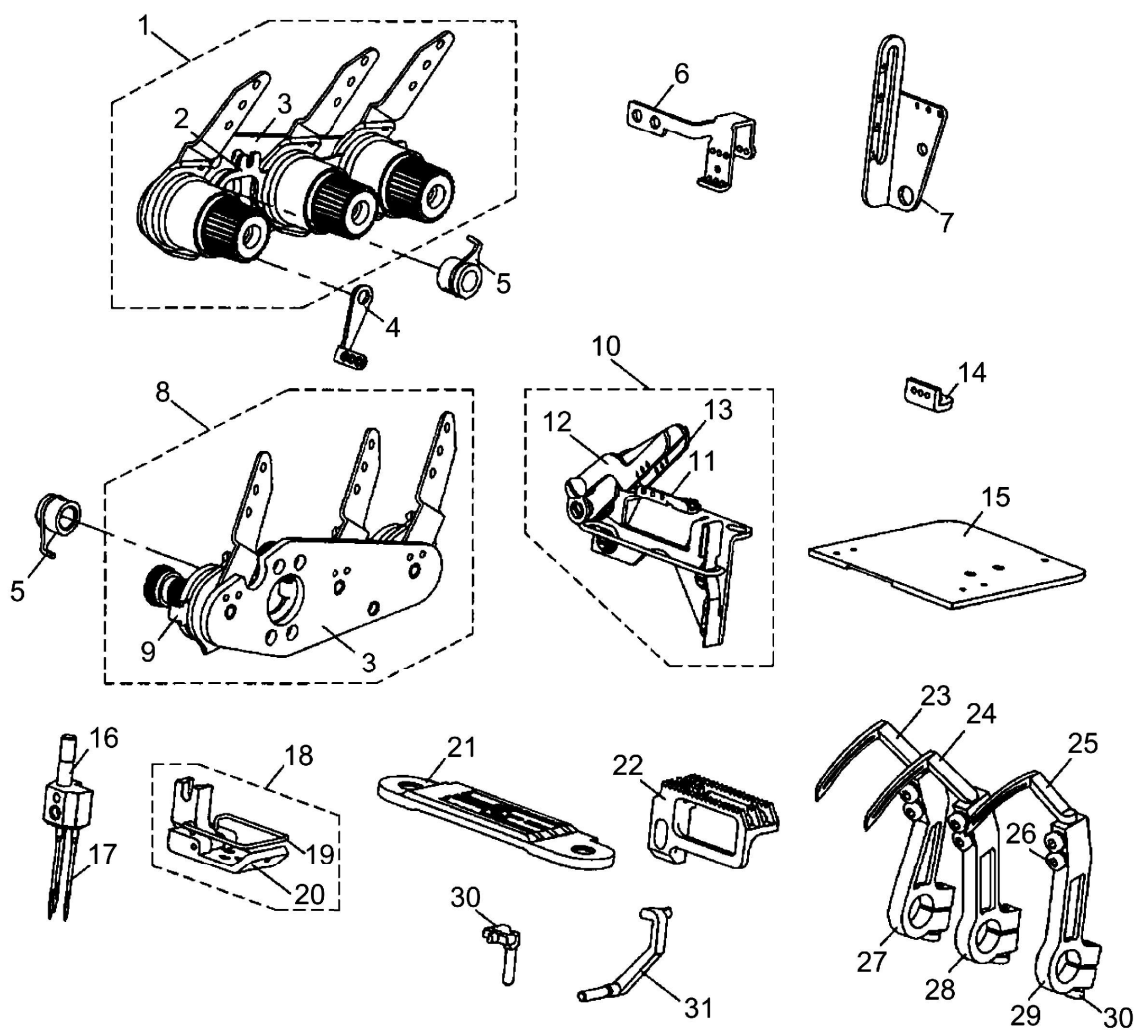
| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|---------|-----------------------------|------------------|
| 1 | GM274 | 附件安装板 | Attachment installing plate | 1 |
| 2 | GM275/7 | 压脚部件 | Presser foot asm. | 1 |
| 3 | GM276 | 送料牙 | Feed dog | 1 |
| 4 | GM277 | 针 板 | Throat plate | 1 |
| 5 | GR1998 | 弯针曲柄挡圈 | Throat collar | 1 |
| 6 | GR1999 | 摆动护针杆 | Driving needle guard | 1 |
| 7 | GR2000 | 固定护针杆 | Counter needle guard | 1 |
| 8 | GR2001/9 | 面线夹线器部件 | Needle thread tension asm. | 1 |
| 9 | GR2002 | 面线松线爪 | Tension release latch | 1 |
| 10 | GR2003/11 | 底线夹线器部件 | Lower thread tension asm. | 1 |
| 11 | GR2005 | 底线夹线爪 | Looper thread release latch | 1 |
| 12 | GR2004 | 夹线器安装板 | Tension installing plate | 2 |
| 13 | GZ318 | 针 杆 | Needle bar | 1 |
| 14 | GS071 | 支针螺钉 | Screw | 1 |
| 15 | GR1481 | 针杆线钩 | Needle bar thread guide | 1 |
| 16 | GR1480 | 针杆下衬套线钩 | Thread guide | 1 |

双针链缝机 (横列) 附件一览表 List of accessories for double-needle chainstitcher

| 名称 Name | | 针板 Throat plate | 针夹 Needle clamp | 压脚 Presserfoot asm | 送料牙 Feed dog | 摆动护针杆 Driving needle guard | 右固定护针杆 Counter needle guard right | 左固定护针杆 Counter needle guard left | |
|----------------------------------------------|--------------|--------------------|--------------------|-----------------------|-----------------|-------------------------------|--------------------------------------|-------------------------------------|----------------------|
| | | | | | | | | | 规格 Specifications |
| *1 | 1/8"(3.2mm) | GM252 | GR1937 | GM253/5 | GM254 | GR1936 | GR1860 | GR1859 | |
| 2 | 5/32"(4.0mm) | GM255 | GR1944 | GM256/5 | | | | | |
| 3 | 3/16"(4.8mm) | GM251 | GR1929 | GM249/5 | GM250 | | | | |
| 4 | 7/32"(5.6mm) | GM257 | GR1951 | GM258/5 | GM247 | GR1857 | | | |
| 5 | 1/4"(6.4mm) | GM248 | GR1826 | GM246/5 | | | | | |
| 6 | 5/16"(7.9mm) | GM259 | GR1958 | GM260/5 | GM261 | GR1960 | | | |
| 7 | 3/8"(9.5mm) | GM263 | GR1966 | GM264/5 | GM265 | | | | |
| 8 | 1/2"(12.7mm) | GM266 | GR1973 | GM267/5 | GM268 | GR1975 | | | |
| 双针纵列链缝机 Vertical Double-needle chainstitcher | | | | | | | | | |
| 9 | 0 | GM272 | GR1989 | GM271 | GM273 | GR1992 | GR1993 | | |

双针链缝机（横列）附件一览表 List of accessories for double-needle chainstitcher

| 规格 Specifications | | 名称 Name | | 右弯针 Right Looper | 左弯针 Left Looper | 推板 Bed slide | 凸轮盖 Cam Cover | 卷边器 Folder |
|----------------------------------------------|--------------|------------|-------|---------------------|--------------------|-----------------|------------------|-----------------------------------------------------------------------------------|
| | | | | | | | | |
| *1 | 1/8"(3.2mm) | GN170 | GN169 | GM245 | GM243 | | |  |
| 2 | 5/32"(4.0mm) | | | | | | | |
| 3 | 3/16"(4.8mm) | | | | | | | |
| 4 | 7/32"(5.6mm) | | | | | | | |
| 5 | 1/4"(6.4mm) | | | | GM262 | | | |
| 6 | 5/16"(7.9mm) | | | | | | | |
| 7 | 3/8"(9.5mm) | | | | | | | |
| 8 | 1/2"(12.7mm) | | | | | | | |
| 双针纵列链缝机 Vertical Double-needle chainstitcher | | | | | | | | |
| 9 | 0 | GN170 | GN169 | GM245 | GM243 | | | |



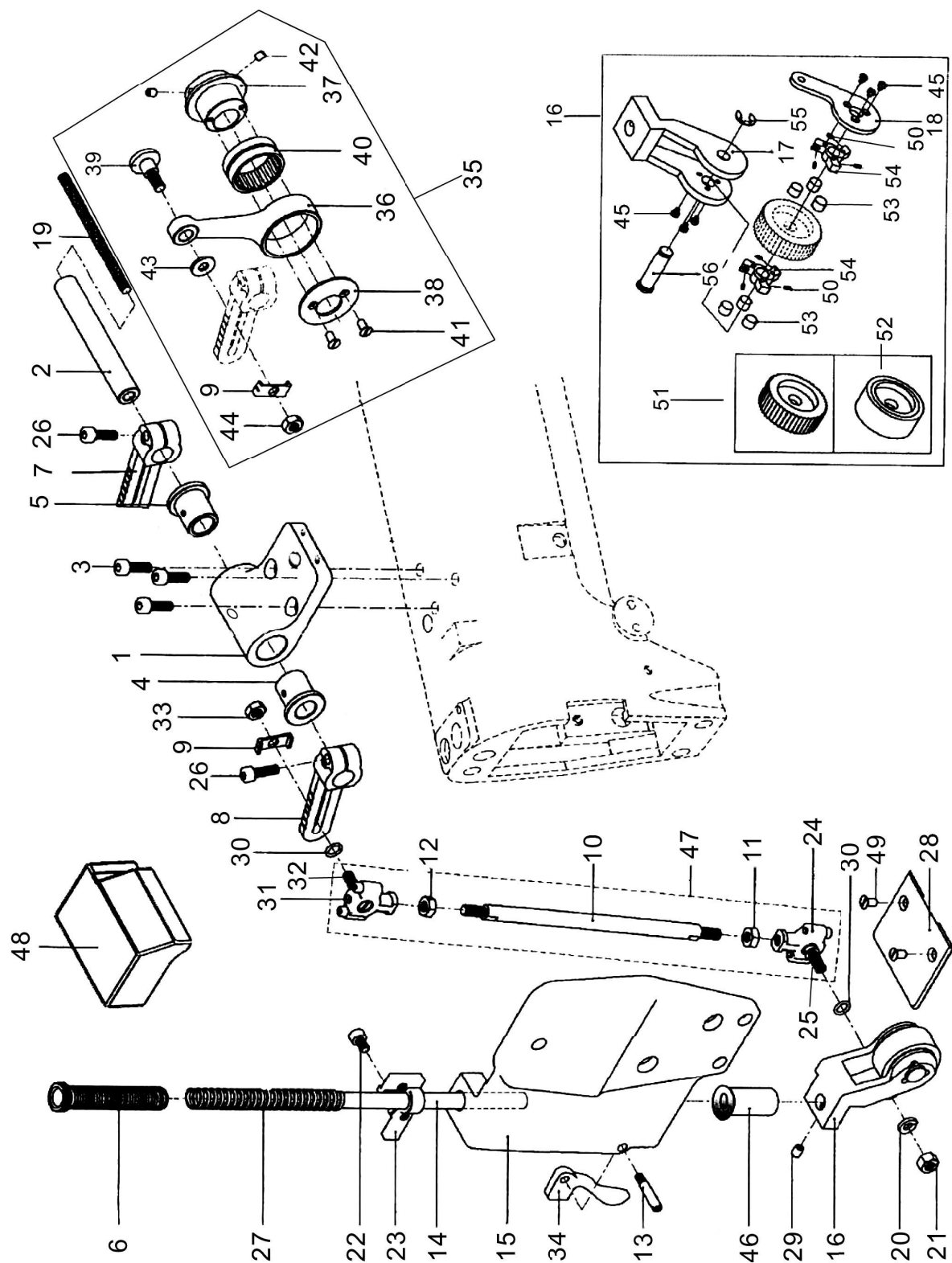
14、高速三针链缝机

Three needle high speed chainstitch

| 序 号 Ref. No. | 件 号 Part No | 名 称 | Description | 数 量 Amt. Req. |
|-----------------|----------------|--------------|----------------------------------|------------------|
| 1 | | 面线夹线器部件 | Looper thread asm. | 1 |
| 2 | GR2113 | 面线松线推板 | Release slide plate | 1 |
| 3 | GR2112 | 三针夹线器安装板 | Looper thread releage latch | 2 |
| 4 | GR2120 | 三针导线勾 | Frame thread guide | 1 |
| 5 | GR2109 | 三针松线勾组件 | Tension relead latch | 1 |
| 6 | GR2103 | 挑线杆 | Thread take-up. | 1 |
| 7 | GR2104 | 中间导线勾 | Frame thread eyelet | 1 |
| 8 | | 底线夹线器部件 | Lower thread tension asm. | 1 |
| 9 | GR2114 | 底线松线推板 | Lower thread release slide plate | 1 |
| 10 | | 三针打线凸轮组件 | Looper thread guide asm. | 1 |
| 11 | GR2105 | 底线三线导线勾 | Cast-off plate | 1 |
| 12 | GR2106 | 左凸轮导线勾 | Looper thread guide left | 1 |
| 13 | GR2107 | 右凸轮导线勾 | Looper thread guide right | 1 |
| 14 | GR2108 | 底线导线勾 | Thread guide | 1 |
| 15 | GM282 | 三线凸轮盖 | Cam cover | 1 |
| 16 | GR2102 | 针夹 | Needle clamp | 1 |
| 17 | | 机针 (14#~18#) | Needle | 3 |
| 18 | | 三针压脚组件 | Presser foot asm. | 1 |
| 19 | GR2101 | 保针架 | Finger guard | 1 |
| 20 | GR2100 | 压脚板 | Presser foot | 1 |
| 21 | GM280 | 针板 | Throat plante | 1 |
| 22 | GR281 | 送料牙 | Feed dog | 1 |
| 23 | GN170 | 右弯针 | Right looper | 1 |
| 24 | GN171 | 中弯针 | Middle looper | 1 |
| 25 | GN169 | 左弯针 | Left looper | 1 |
| 26 | GS788 | 三针弯针螺钉 | Screw | 6 |
| 27 | GR2119 | 右弯针曲柄 | Looper holder asm.(right) | 1 |
| 28 | GR2117 | 中弯针曲柄 | Looper holder asm.(middle) | 1 |
| 29 | GR2117 | 左弯针曲柄 | Looper holder asm.(left) | 1 |
| 30 | GS0140 | 三针弯针曲柄螺钉 | Screw | 3 |
| 31 | GR2116 | 摆动护针 | Driving needle guard | 1 |
| 32 | GR8744 | 左固定护针 | Counter needle guard | 1 |

15、直驱拖轮装置部份

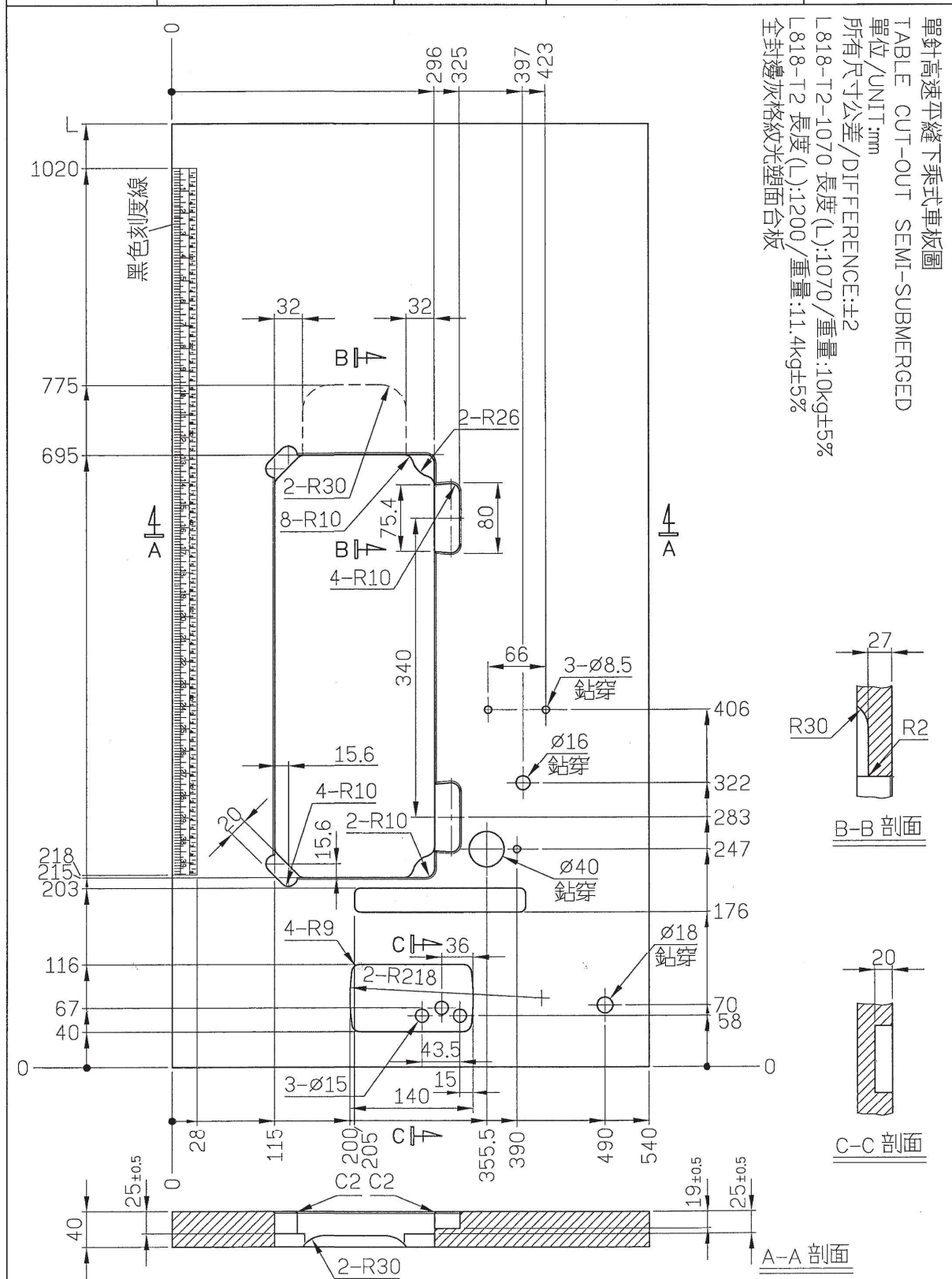
Direct drive tugboat components



16. 高速三针厚料链缝机(带拖布轮)Three needle high speed heavy duty(with puller)

| 序号 Ref.NO. | 件号 Part No | 名 称 | Description | 数量 Amt. Req |
|---------------|---------------|----------------|-------------------------------|----------------|
| 1 | GY001 | 拖轮安装座 | Puller base | 1 |
| 2 | GY002 | 安装座短轴 | Base short shaft | 1 |
| 3 | GY003 | 安装座螺钉 | Base bolt | 3 |
| 4 | GY004 | 安装座轴套 (肩厚3mm) | Base bush(Thickness 3mm) | 1 |
| 5 | GY005 | 安装座轴套 (6.35mm) | Base bush(6.35mm) | 1 |
| 6 | GY006 | 拖轮压杆调压螺母 | Puller regulator nut | 1 |
| 7 | GY007 | 曲柄2 | Crank 2 | 1 |
| 8 | GY008 | 曲柄 | Crank | 1 |
| 9 | GY009 | 曲柄位置指示板 | Crank indicating board | 2 |
| 10 | GY010 | 双头螺杆 | Double head srew | 1 |
| 11 | GY011 | 双头螺杆M6螺母左旋 | Double head srew M6 nut left | 1 |
| 12 | GY012 | 双头螺杆M6螺母右旋 | Double head srew M6 nut right | 1 |
| 13 | GY013 | 拖轮升降扳手轴位螺钉 | Puller adjustable bolt | 1 |
| 14 | GY014 | 拖轮压杆 | Puller compressive rod | 1 |
| 15 | GY015 | 拖轮面板 | Puller board | 1 |
| 16 | GY016 | 拖轮组件 | Puller component | 1 |
| 17 | GY017 | 拖轮支架 | Puller support | 1 |
| 18 | GY018 | 拖轮驱动板 | Puller driven board | 1 |
| 19 | GY019 | 油线 | oil wick | 1 |
| 20 | GY020 | 垫圈 | Washer | 1 |
| 21 | GY021 | 关节连杆螺母 | Joint bar nut | 1 |
| 22 | GY022 | 拖轮导架螺钉 | Puller guide bolt | 1 |
| 23 | GY023 | 拖轮导架 | Puller guide | 1 |
| 24 | GY024 | 铜连杆关节1(左旋) | Copper bar joint1(LEFT) | 1 |
| 25 | GY025 | 关节连杆螺钉 | Joint bar bolt | 1 |
| 26 | GY026 | 曲柄锁紧螺钉 | Crank lock bolt | 2 |
| 27 | GY027 | 拖轮压紧杆弹簧 | Puller compressive bar spring | 1 |
| 28 | GY028 | 拖轮压板 | Puller compressive board | 1 |
| 29 | GY029 | 拖轮支架紧定螺钉 | Puller support lock bolt | 1 |
| 30 | GY030 | 垫圈 | Washer | 2 |
| 31 | GY031 | 铜连杆关节2(右旋) | Copper bar joint2 right | 1 |
| 32 | GY032 | 关节连杆螺钉2 | Joint bar bolt2 | 1 |
| 33 | GY033 | 关节连杆螺母2 | Joint bar nut2 | 1 |
| 34 | GY034 | 拖轮扳手 | Puller spanner | 1 |
| 35 | GY035 | 大连杆组件 | Big bar component | 1 |
| 36 | GY036 | 拖轮提升偏心凸轮大连杆 | Puller lift camshaft big bar | 1 |
| 37 | GY037 | 拖轮提升偏心凸轮 | Puller lift camshaft | 1 |
| 38 | GY038 | 偏心凸轮盖板 | Camshaft cover | 1 |
| 39 | GY039 | 大连杆轴位螺钉 | Big bar bolt | 1 |
| 40 | GY040 | 滚针轴承 | Needle rolling bearing | 1 |
| 41 | GY041 | 偏心凸轮盖板螺钉 | Bolt for camshaft cover | 2 |
| 42 | GY042 | 偏心凸轮紧定螺钉 | Camshaft lock bolt | 2 |
| 43 | GY043 | 大连杆轴位螺钉垫片 | Big bar bolt washer | 1 |
| 44 | GY044 | 大连杆轴位螺钉螺母 | Big bar bolt and nut | 1 |
| 45 | GY045 | 拖轮组件安装螺钉 | Puller component bolt | 6 |
| 46 | GY046 | 拖轮压杆套 | Puller compressive bar sleeve | 1 |
| 47 | GY047 | 连杆组件 | Big bar component | 1 |
| 48 | GY048 | 罩壳 | Cover | 1 |
| 49 | GY049 | 压板螺钉 | Compressive board bolt | 2 |
| 50 | GY050 | 弹簧 | spring | 6 |
| 51 | GY051 | 拖布轮 (铁齿) | Puller(iron) | 1 |
| 52 | GY052 | 拖布轮 (胶轮) (选购) | Puller(plastic) | 1 |
| 53 | GY053 | 轴 | shaft | 6 |
| 54 | GY054 | 棘轮 | ratch | 2 |
| 55 | GY055 | 扣环 | E_circlips | 1 |
| 56 | GY056 | 轴 | shaft | 1 |

| SiRUBA TABLE CUT - OUT | Series | Item Code | Subclass Remark | Mounting |
|------------------------------|-----------------|-----------|-----------------|-----------------|
| | L818D/L818F | L818-T2 | | Fully-submerged |
| | L819/L819U | | | Date |
| | L917/L918/L918U | | | 2016/01/29 |





L381 / L382 / L383

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The specification and/or appearances of the equipment described in this instruction book are subject to change because of modification without previous notice.

MAR. 2016