

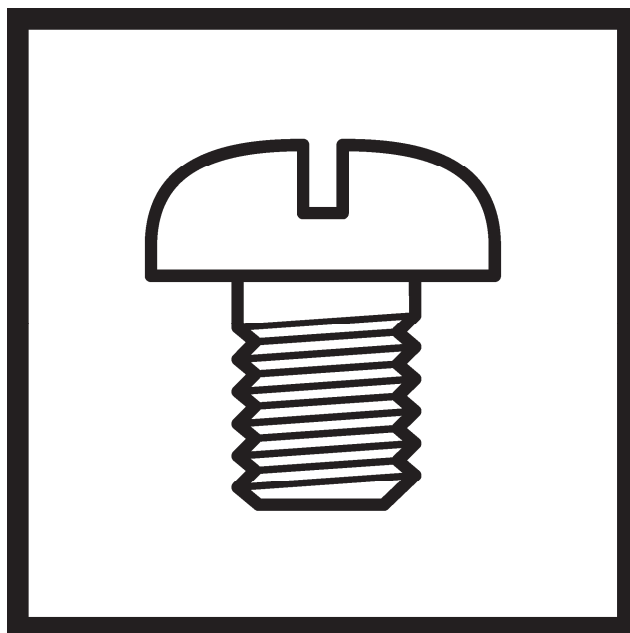
# S-7220C

零件手册  
PARTS BOOK

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电脑直接驱动自动切线针送布平缝机

SINGLE NEEDLE DIRECT DRIVE NEEDLE FEED LOCK STITCHER  
WITH THREAD TRIMMER



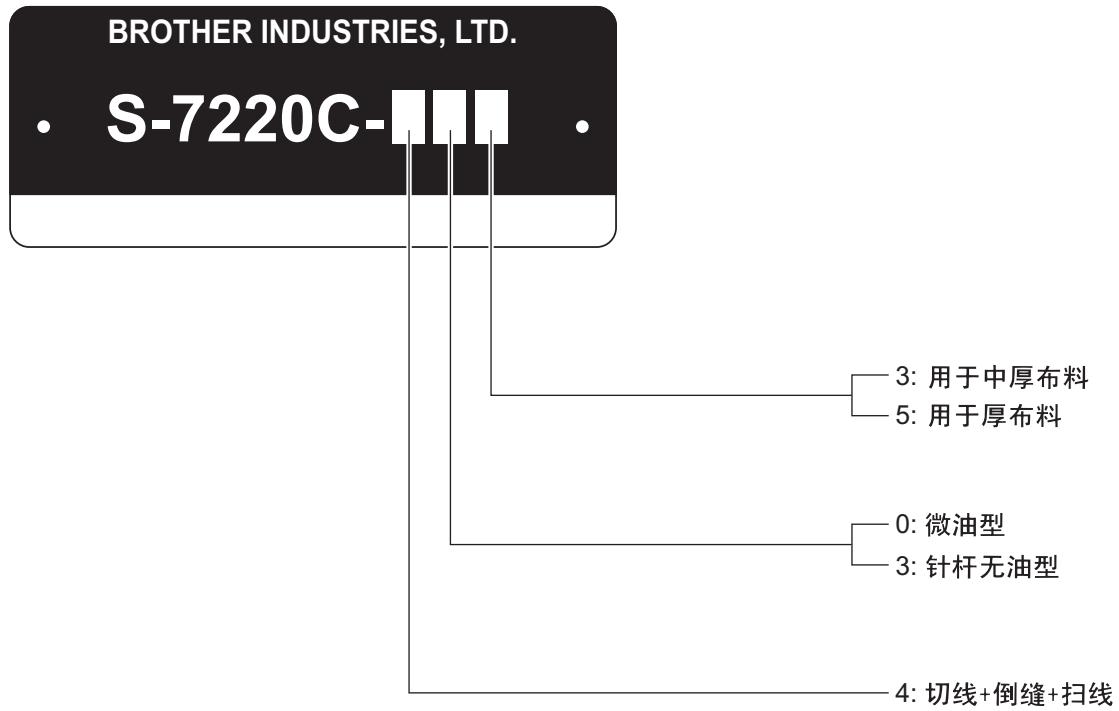
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**brother**®

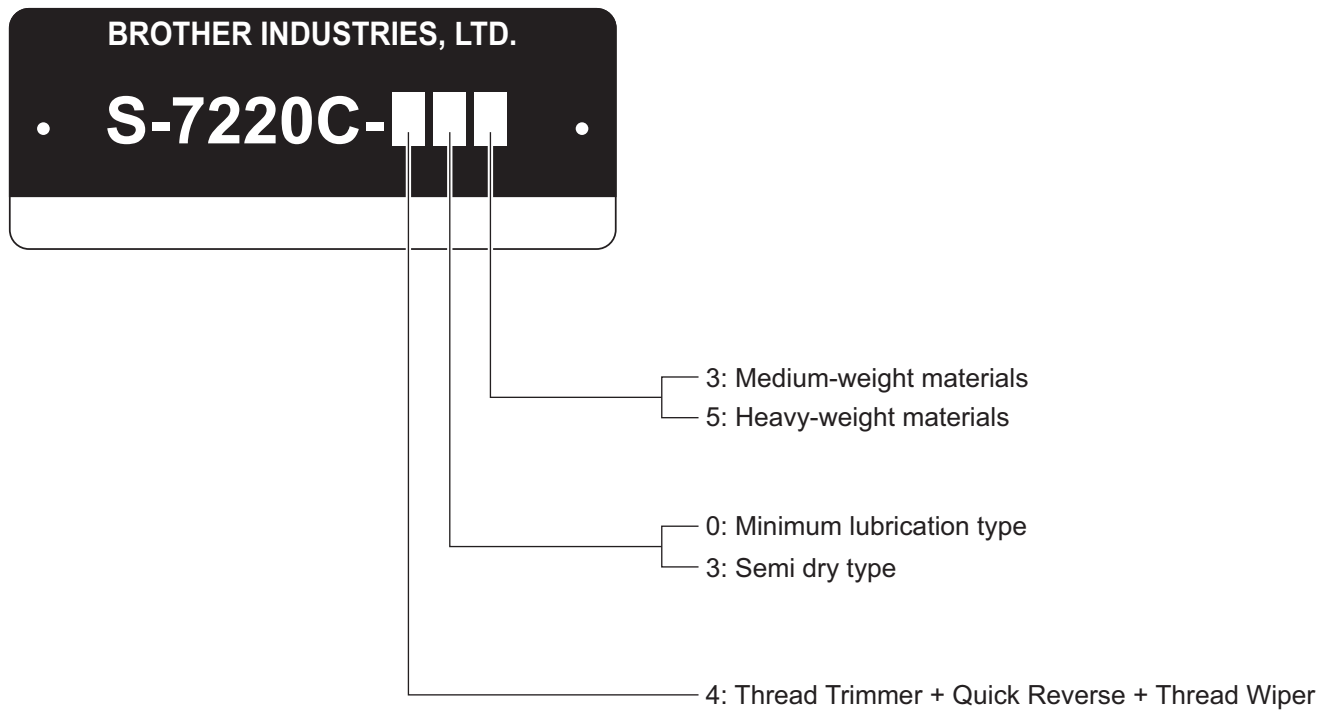
最新的零部件情报请参考(Parts Navigation)。  
The latest parts information, refer to the Parts Navigation.

<http://partsbook.brother.co.jp/partsnavi/chn/>  
<http://partsbook.brother.co.jp/partsnavi/eng/>

## 型号牌的读解法



## Description of model plate



# 零件手册的使用说明

1. 本手册是根据截止至2013年2月的资料为基准而编制的。
2. 零部件设计若有变动，恕不另行通知。
3. 以组件为单位供应的零部件是用虚线框出。
4. 零件图册中数字(REF.NO)右上角带有“+”号的零件属多规格零件，详细请见零件清单。

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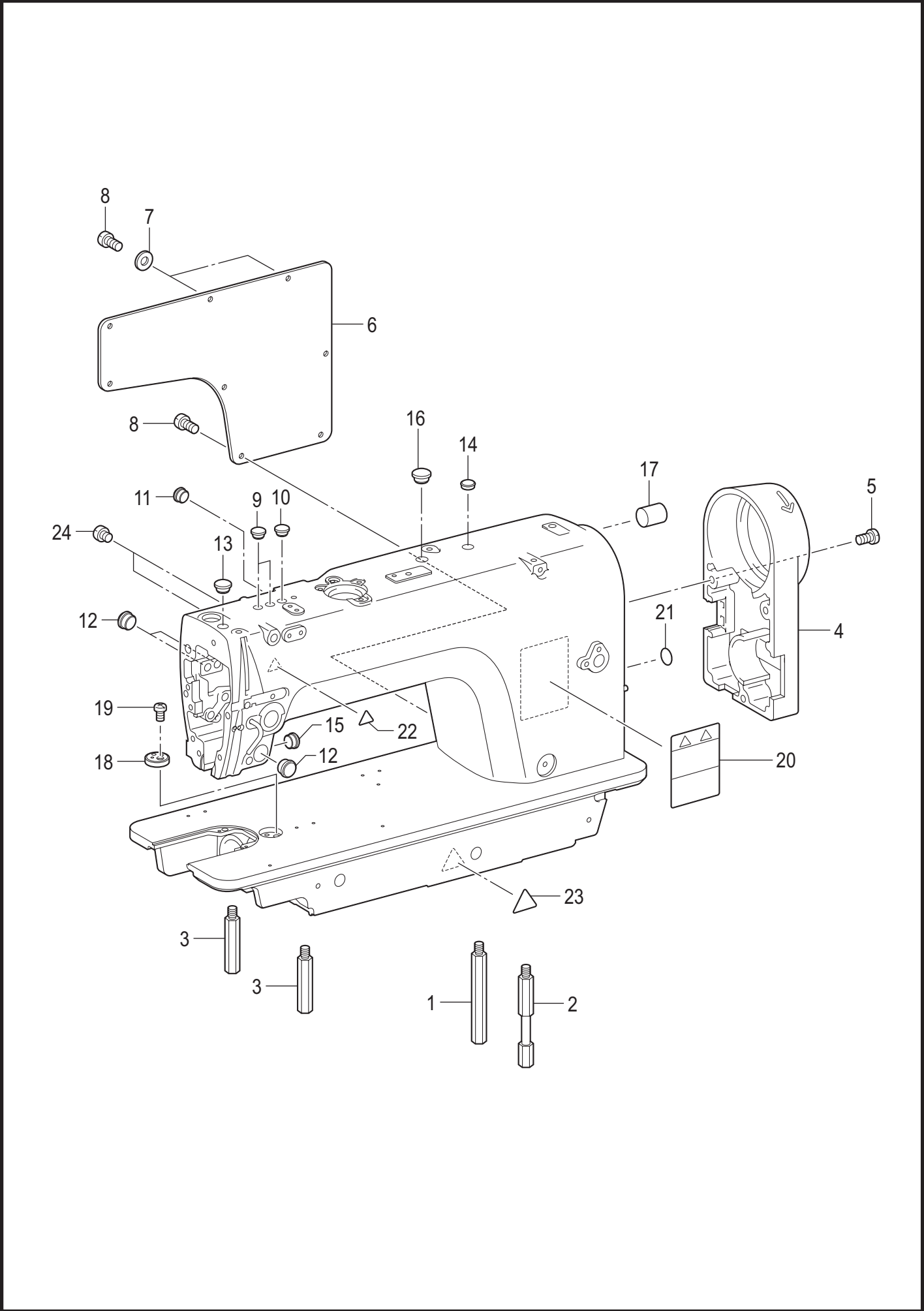
## Notes for using this parts book

1. This book was prepared based on information available in February 2013.
2. Parts are subject to changes in design without prior notice.
3. Parts supplied as complete assemblies are circled by a dotted line.
4. The part which has the symbol "+" on its number (REF.NO) in the figure differs depending on the specification. For details, refer to the parts list.

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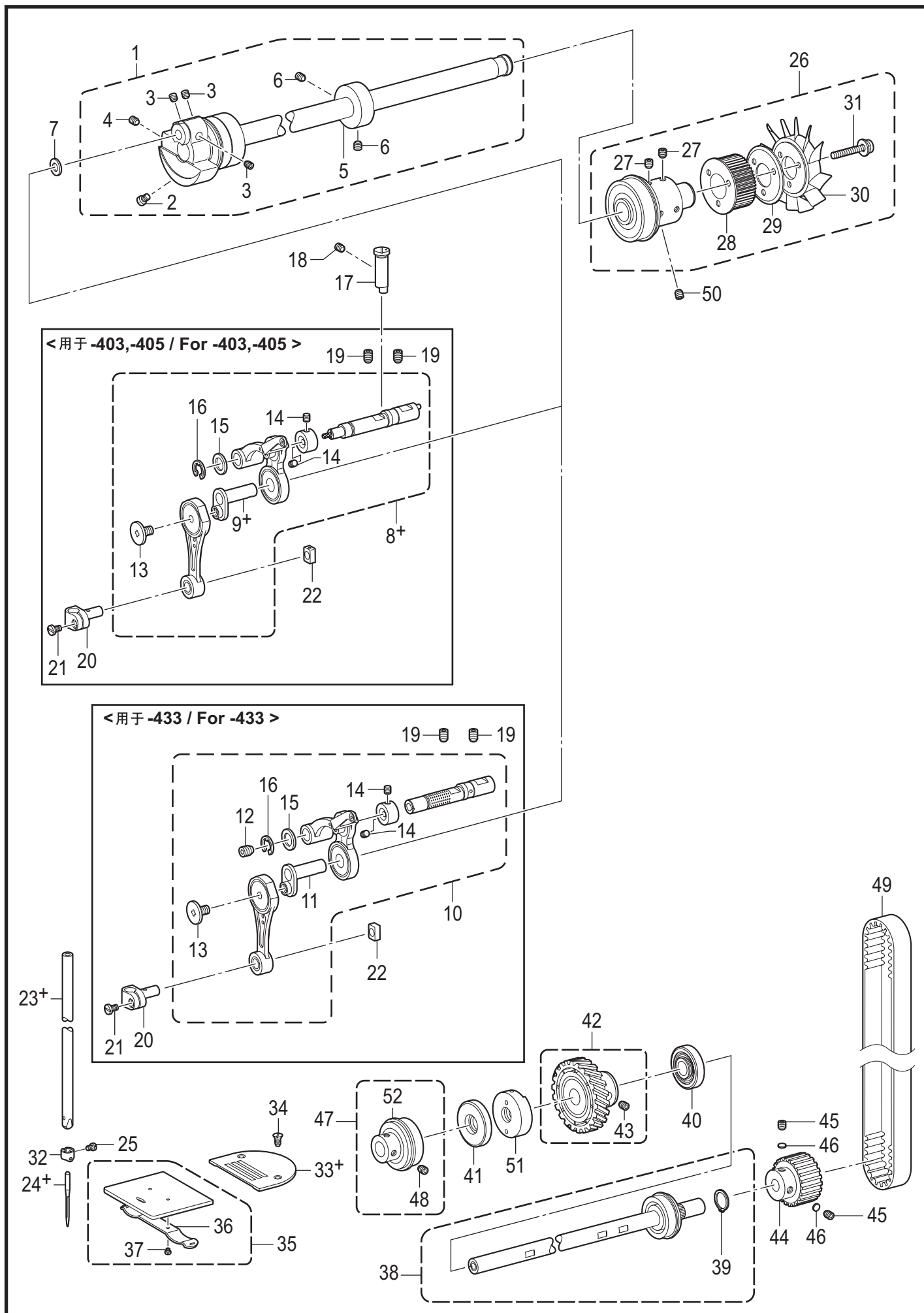
A. 机体部分 / Machine body



# A. 机体部分 / Machine body

| 参照号 | 零部件序号     | 数量 | 零部件名称    | NAME OF PARTS    | RM |
|-----|-----------|----|----------|------------------|----|
| 1   | SA1106001 | 1  | 脚柱R      | STAND R          |    |
| 2   | SA2170001 | 1  | 脚柱RF     | STAND RF         |    |
| 3   | SA1107001 | 2  | 脚柱L      | STAND L          |    |
| 4   | SA4259002 | 1  | 马达罩盖     | MOTOR COVER      |    |
| 5   | 062501216 | 3  | 螺钉 M5X12 | SCREW PAN M5X12  |    |
| 6   | SA7336002 | 1  | 侧板       | SIDE PLATE       |    |
| 7   | SB3849001 | 2  | 平垫圈 M5   | WASHER_PLAIN_M_5 |    |
| 8   | 062501216 | 8  | 螺钉 M5X12 | SCREW PAN M5X12  |    |
| 9   | 104450101 | 2  | 橡皮塞 8    | RUBBER CAP, 8    |    |
| 10  | S32263001 | 1  | 橡皮塞 8.5  | RUBBER CAP, 8.5  |    |
| 11  | 104450101 | 1  | 橡皮塞 8    | RUBBER CAP, 8    |    |
| 12  | 104449001 | 3  | 橡皮塞 15.5 | RUBBER CAP, 15.5 |    |
| 13  | S12717000 | 1  | 橡皮塞 11.5 | RUBBER CAP, 11.5 |    |
| 14  | 117936001 | 1  | 橡皮塞 9.4  | RUBBER CAP, 9.4  |    |
| 15  | 117936001 | 1  | 橡皮塞 9.4  | RUBBER CAP, 9.4  |    |
| 16  | 159150000 | 1  | 橡皮塞 20.5 | RUBBER CAP, 20.5 |    |
| 17  | SA7814001 | 1  | 橡皮塞 20   | RUBBER CAP 20    |    |
| 18  | S09621251 | 1  | 定位板      | RULER PLATE      |    |
| 19  | 062400616 | 1  | 螺钉 M4X6  | SCREW PAN M4X6   |    |
| 20  | SA9826001 | 1  | 操作注意标签   | LABEL CAUTION    |    |
| 21  | S37060001 | 1  | 接地标记     | LABEL, GROUNDING |    |
| 22  | SA9957001 | 1  | 警告标记     | INJURY MARK      |    |
| 23  | SA9957002 | 1  | 警告标记     | INJURY MARK      |    |
| 24  | 062500616 | 2  | 螺钉 M5X6  | SCREW PAN M5X6   |    |

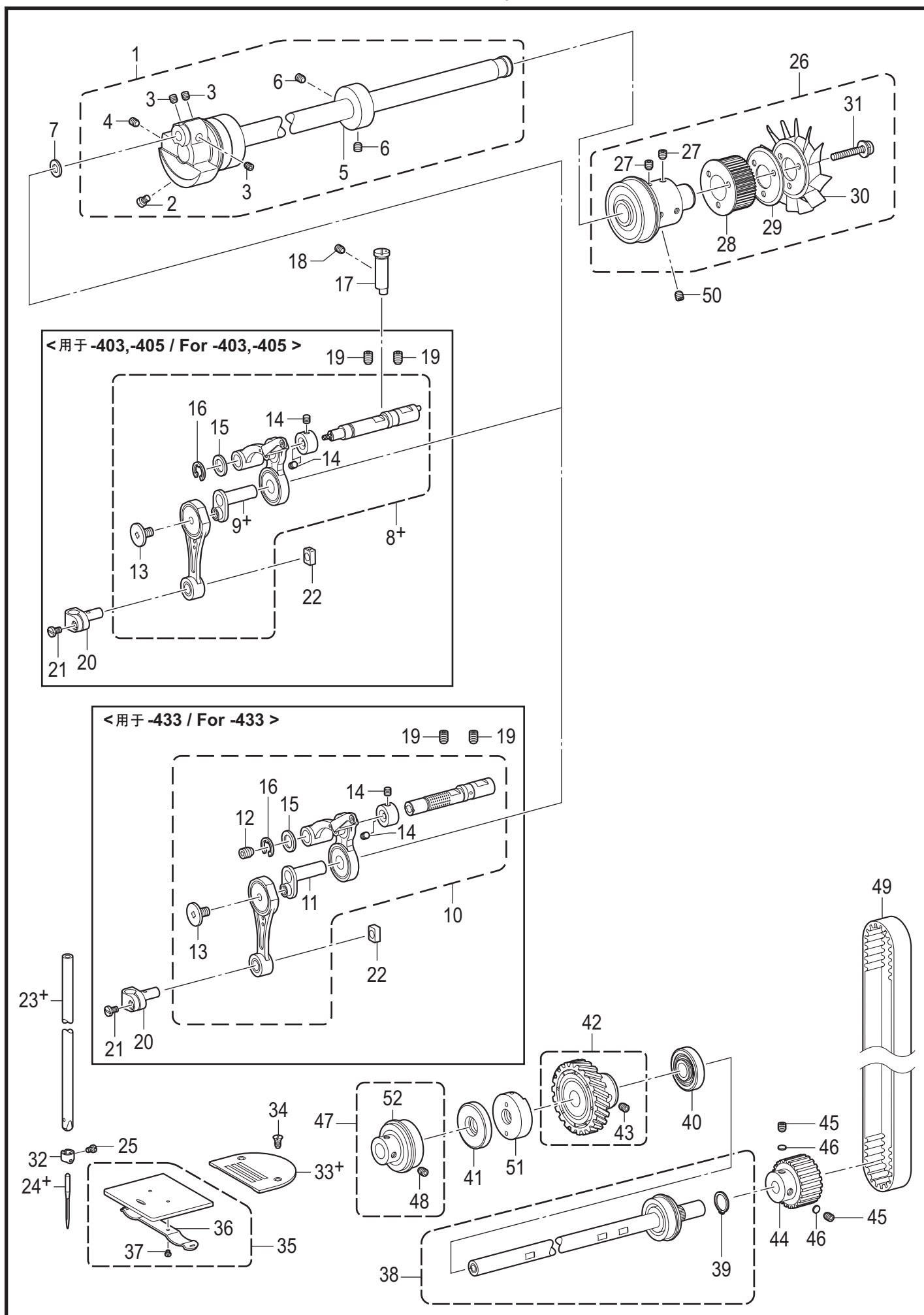
# B1. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism



# B1. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称                            | NAME OF PARTS                                    | RM |
|-----|-----------|----|----------------------------------|--------------------------------------------------|----|
| 1   | SA7824101 | 1  | 上轴组件                             | UPPER SHAFT ASSY                                 |    |
| 2   | S25235001 | 1  | 螺钉 M8                            | SCREW M8                                         |    |
| 3   | S23651001 | 3  | 固定螺钉 M6X6                        | SET SCREW SOCKET (FT) M6X6                       |    |
| 4   | S25236001 | 1  | 螺钉 M6X10                         | SET SCREW SOCKET (FT) M6X10                      |    |
| 5   | SA1120001 | 1  | 绕线驱动轮                            | BOBBIN WINDER DRIVING WHEEL                      |    |
| 6   | S23651001 | 2  | 固定螺钉 M6X6                        | SET SCREW SOCKET (FT) M6X6                       |    |
| 7   | 110367001 | 1  | 垫圈 8                             | WASHER, PLAIN SPECIAL 8                          |    |
| 8+  | SB2914001 | 1  | <用于-403><br>针杆连杆总组件              | <For -403><br>NEEDLE BAR CONNECTING ROD SET      |    |
| 9+  | SA7628001 | 1  | 针杆曲柄                             | NEEDLE BAR CRANK                                 |    |
| 8+  | SB2916001 | 1  | <用于-405><br>针杆连杆总组件              | <For -405><br>NEEDLE BAR CONNECTING ROD SET      |    |
| 9+  | SA7626001 | 1  | 针杆曲柄                             | NEEDLE BAR CRANK                                 |    |
| 10  | SB2915001 | 1  | <用于-433><br>针杆连杆总组件              | <For -433><br>NEEDLE BAR CONNECTING ROD SET      |    |
| 11  | SA7628001 | 1  | 针杆曲柄                             | NEEDLE BAR CRANK                                 |    |
| 12  | SA8061001 | 1  | 螺钉封 M3X4                         | SET SCREW SOCKET(CP)M3X4 SEAL                    |    |
| 13  | SA2422001 | 1  | 螺钉 SM3.57-40X6L                  | SCREW, SM3.57L                                   |    |
| 14  | 012400436 | 2  | 螺钉 M4X4                          | SET SCREW SOCKET (FT) M4X4                       |    |
| 15  | SA2161001 | 1  | 垫圈                               | WASHER                                           |    |
| 16  | 048060342 | 1  | 挡圈 E6                            | RETAINING RING E6                                |    |
| 17  | SA7239101 | 1  | 定位销                              | STOPPER PIN                                      |    |
| 18  | 012500536 | 1  | 螺钉 M5X5                          | SET SCREW SOCKET (FT) M5X5                       |    |
| 19  | 012061036 | 2  | 螺钉 M6X10                         | SET SCREW SOCKET (FT) M6X10                      |    |
| 20  | SA9650001 | 1  | 针杆接头                             | NEEDLE BAR CLAMP                                 |    |
| 21  | 140004001 | 1  | 螺钉 SM3.57-40X7                   | SCREW, SM3.57-40X7                               |    |
| 22  | SB1029001 | 1  | 角滑块D                             | SLIDE BLOCK D                                    |    |
| 23+ | * P.53    | 1  | 针杆                               | NEEDLE BAR                                       |    |
| 24+ |           |    | <用于欧洲以外: -4□3><br>机针DBX1...(#14) | <Except for Europe: -4□3><br>NEEDLE DBX1...(#14) |    |
| 24+ |           |    | <用于欧洲以外: -405><br>机针DBX1...(#22) | <Except for Europe: -405><br>NEEDLE DBX1...(#22) |    |
| 24+ |           |    | <用于欧洲: -4□3><br>机针DBX5...(#14)   | <For Europe only: -4□3><br>NEEDLE, DPX5...(#14)  |    |
| 24+ |           |    | <用于欧洲: -405><br>机针DBX5...(#22)   | <For Europe only: -405><br>NEEDLE, DPX5...(#22)  |    |
| 25  | 140553102 | 1  | 固定螺钉 SM3.18                      | SET SCREW, SM3.18                                |    |
| 26  | SB1537001 | 1  | 接头组件                             | JOINT UNIT                                       |    |
| 27  | S23651001 | 2  | 固定螺钉 M6X6                        | SET SCREW SOCKET (FT) M6X6                       |    |
| 28  | SA2250101 | 1  | 同步轮U                             | TIMING PULLEY U                                  |    |
| 29  | S38712001 | 1  | 法兰                               | FLANGE                                           |    |
| 30  | S38713100 | 1  | 叶轮                               | FAN                                              |    |
| 31  | SA2404001 | 3  | 螺钉组件 M4X35DB                     | SCREW, PAN (S WASHER) M4X35                      |    |
| 32  | 151594001 | 1  | 针杆过线环                            | NEEDLE BAR THREAD GUIDE                          |    |
| 33+ | * P.53-56 | 1  | 针板                               | NEEDLE PLATE                                     |    |
| 34  | 151267001 | 2  | 螺钉 SM4.37-40X8                   | SCREW, FLAT SM4.37-40X8                          |    |
| 35  | 180018151 | 1  | 推板组件                             | SLIDE PLATE ASSY                                 |    |
| 36  | 114561001 | 1  | 推板簧                              | SPRING, PLATE                                    |    |
| 37  | SA9523001 | 2  | 螺钉 SM2.38                        | SCREW SM2.38                                     |    |
| 38  | SA5278001 | 1  | 下轴组件                             | LOWER SHAFT ASSY                                 |    |
| 39  | 048120142 | 1  | 轴用挡圈 C12                         | RETAINING RING EXTERNAL C12                      |    |
| 40  | S25401100 | 1  | 油封                               | OIL SEAL                                         |    |
| 41  | SA1317101 | 1  | 油封                               | OIL SEAL                                         |    |
| 42  | SA1166001 | 1  | 下轴齿轮组件                           | LOWER SHAFT GEAR ASSY                            |    |
| 43  | S23651001 | 2  | 固定螺钉 M6X6                        | SET SCREW SOCKET (FT) M6X6                       |    |
| 44  | SA2251001 | 1  | 同步轮D                             | TIMING PULLEY D                                  |    |
| 45  | S23651001 | 2  | 固定螺钉 M6X6                        | SET SCREW SOCKET (FT) M6X6                       |    |
| 46  | SA2378001 | 2  | 垫片 4.8                           | SPACER,4.8                                       |    |

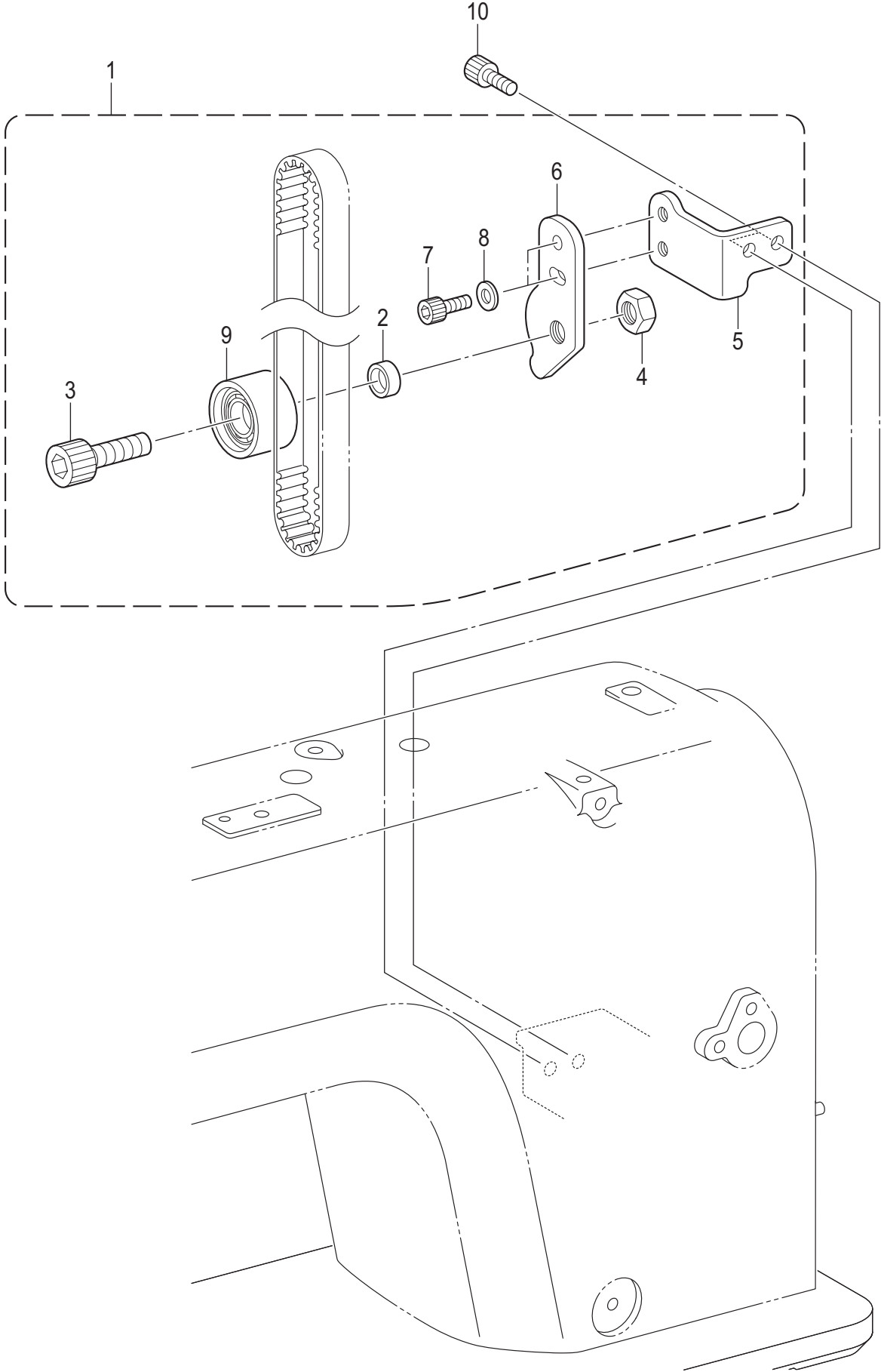
# B1. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism



## B1. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称      | NAME OF PARTS              | RM |
|-----|-----------|----|------------|----------------------------|----|
| 47  | SA1150201 | 1  | 轴承套组件      | BEARING BUSH ASSY          |    |
| 48  | S23651001 | 2  | 固定螺钉 M6X6  | SET SCREW SOCKET (FT) M6X6 |    |
| 49  | SA2252101 | 1  | 同步皮带       | TIMING BELT                |    |
| 50  | S23651001 | 2  | 固定螺钉 M6X6  | SET SCREW SOCKET (FT) M6X6 |    |
| 51  | SA2254101 | 1  | 下轴轴套       | LOWER SHAFT BUSH           |    |
| 52  | SB1538001 | 1  | 球轴承 6200ZZ | BALL BEARING RADIAL 6200ZZ |    |

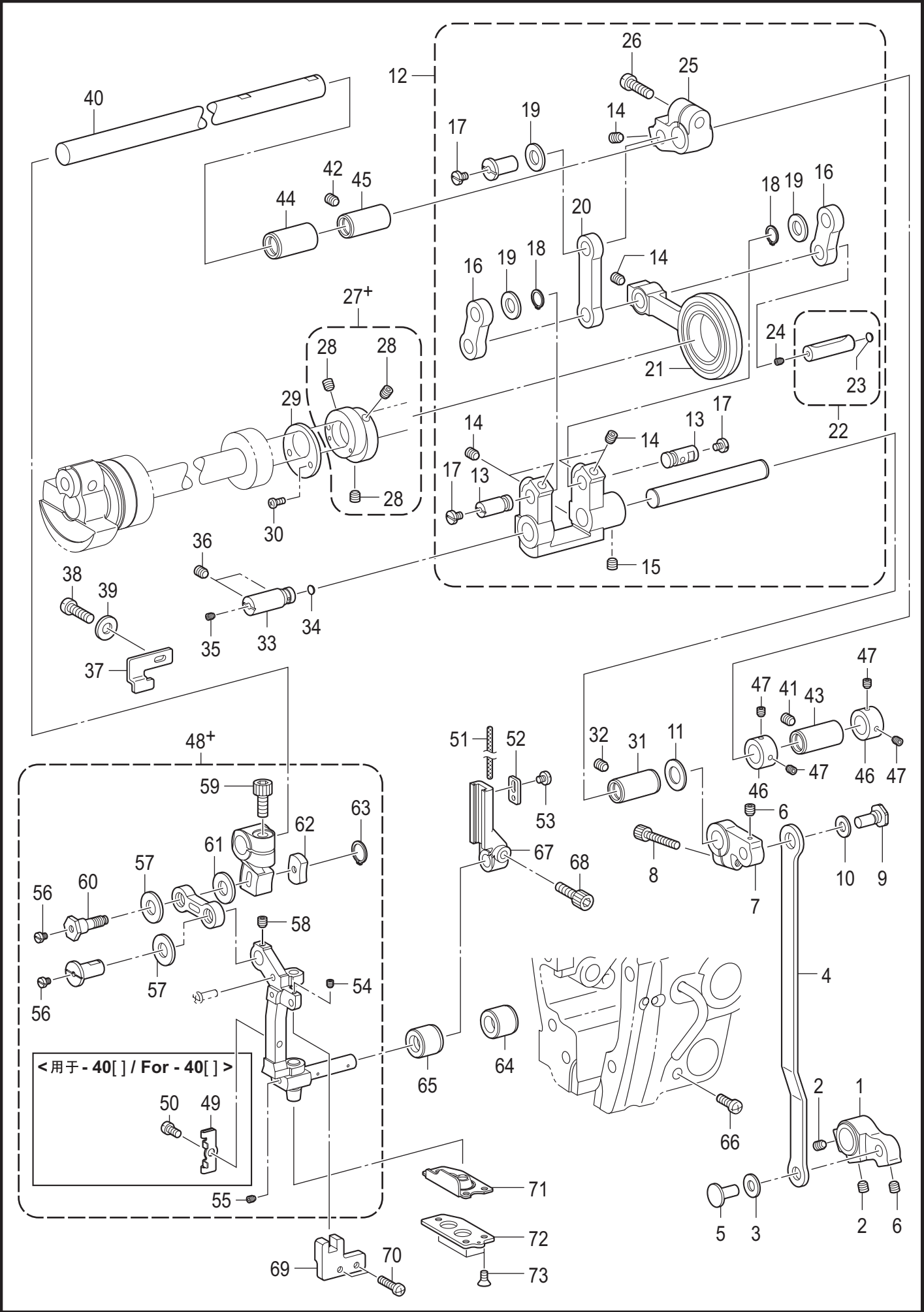
B2. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism



## B2. 针杆和挑线杆装置 / Needle bar and thread take-up mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称     | NAME OF PARTS        | RM |
|-----|-----------|----|-----------|----------------------|----|
| 1   | SA8058501 | 1  | 张力皮带轮总组件  | TENSION PULLEY UNIT  |    |
| 2   | S50165001 | 1  | 张力轮管套     | COLLAR               |    |
| 3   | 018102536 | 1  | 螺栓 M10X25 | BOLT SOCKET M10X25   |    |
| 4   | 021100302 | 1  | 螺母 M10    | NUT 3 M10            |    |
| 5   | SA8059101 | 1  | 上轮基座      | PULLEY BASE          |    |
| 6   | SA8060201 | 1  | 张力轮靠板     | TENSION PULLEY PLATE |    |
| 7   | 018061036 | 2  | 螺栓 M6X10  | BOLT SOCKET M6X10    |    |
| 8   | 025060136 | 2  | 平垫圈 S6    | WASHER PLAIN S 6     |    |
| 9   | SA9763001 | 1  | 张力皮带轮组件   | TENSION PULLEY ASSY  |    |
| 10  | 018061032 | 2  | 螺栓 M6X10  | BOLT SOCKET M6X10    |    |

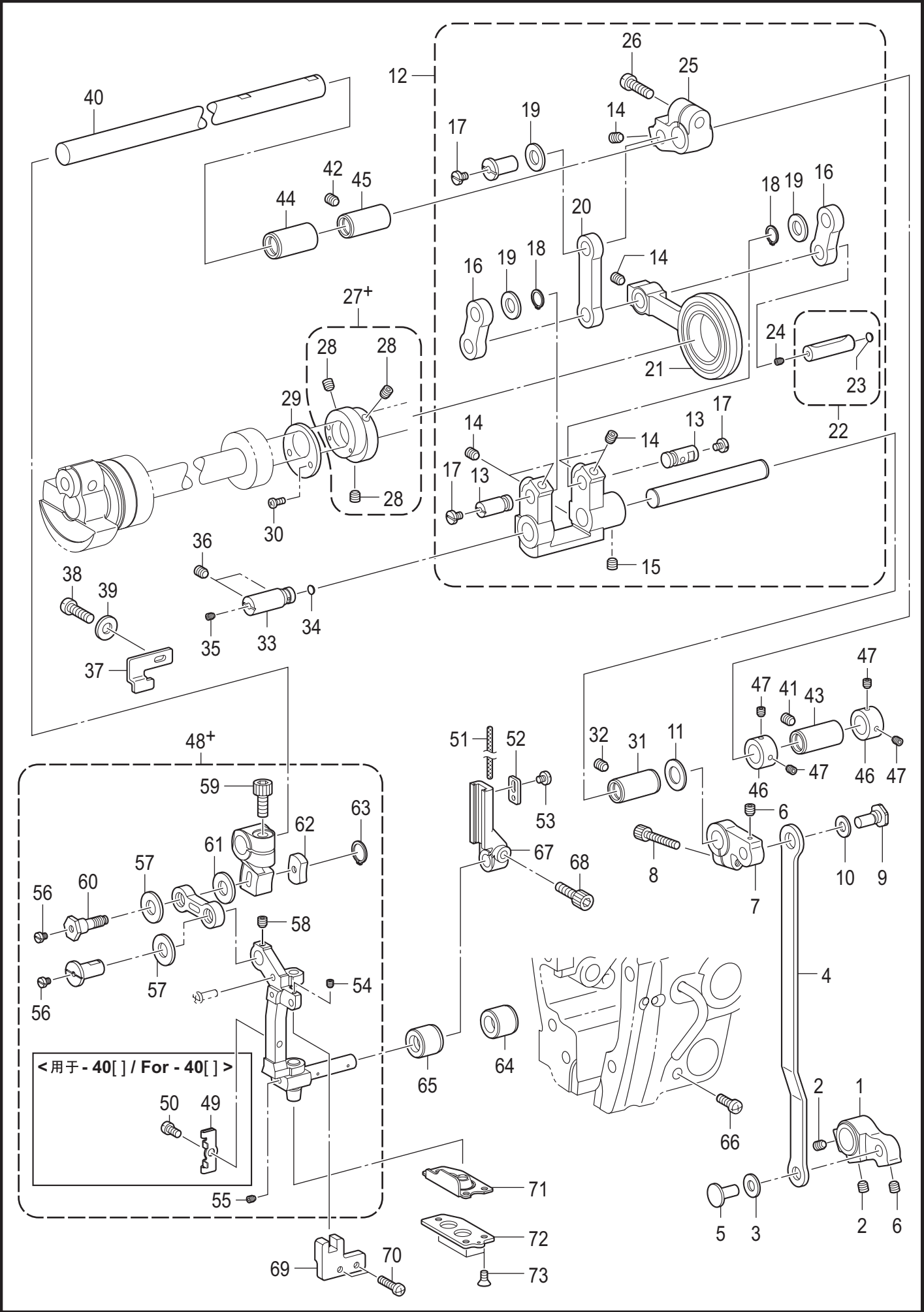
C. 针送布装置 / Needle feed mechanism



## C. 针送布装置 / Needle feed mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称                   | NAME OF PARTS                             | RM |
|-----|-----------|----|-------------------------|-------------------------------------------|----|
| 1   | SA7358101 | 1  | 针送布切换臂 D                | N F REGULATOR ARM D                       |    |
| 2   | S23651001 | 2  | 固定螺钉 M6X6               | SET SCREW SOCKET (FT) M6X6                |    |
| 3   | 110367001 | 1  | 垫圈 8                    | WASHER, PLAIN SPECIAL 8                   |    |
| 4   | SA7359101 | 1  | 针送布切换连杆                 | N F REGULATOR CONNECTING ROD              |    |
| 5   | 151308102 | 1  | 连杆轴 12.5                | STUD 12.5                                 |    |
| 6   | 012500536 | 2  | 螺钉 M5X5                 | SET SCREW SOCKET (FT) M5X5                |    |
| 7   | SA7361101 | 1  | 针送布切换臂 U                | N F REGULATOR ARM U                       |    |
| 8   | 018501436 | 1  | 螺栓 M5X14                | BOLT SOCKET M5X14                         |    |
| 9   | SA7725001 | 1  | 切换臂偏心销                  | REGULATOR ARM ELECTRIC PIN                |    |
| 10  | 110367001 | 1  | 垫圈 8                    | WASHER, PLAIN SPECIAL 8                   |    |
| 11  | S20356001 | 1  | 平垫圈 10                  | WASHER, PLAIN 10                          |    |
| 12  | SA7362401 | 1  | 针送布切换器总组件               | NEEDLE FEED REGULATOR UNIT                |    |
| 13  | SA7364101 | 2  | 切换器连接轴 S                | FEED REGULATOR LINK STUD S                |    |
| 14  | 012500536 | 7  | 螺钉 M5X5                 | SET SCREW SOCKET (FT) M5X5                |    |
| 15  | S23651001 | 3  | 固定螺钉 M6X6               | SET SCREW SOCKET (FT) M6X6                |    |
| 16  | SA7368001 | 1  | 连接杆组件 S                 | LINK S ASSY                               |    |
| 17  | SA7842001 | 3  | 螺钉 M4                   | SCREW M4                                  |    |
| 18  | 048080142 | 2  | 轴用挡圈 C8                 | RETAINING RING EXTERNAL C8                |    |
| 19  | 110367001 | 3  | 垫圈 8                    | WASHER, PLAIN SPECIAL 8                   |    |
| 20  | SA7370201 | 1  | 切换器支架组件                 | LINK L                                    |    |
| 21  | SA7371201 | 1  | 连接杆 L                   | N F CONNECTING ROD ASSY                   |    |
| 22  | SA7374001 | 1  | 针送布连杆组件                 | LINK STUD ASSY                            |    |
| 23  | 113024000 | 1  | 油线盖                     | PUSHER                                    |    |
| 24  | 014300432 | 1  | 螺钉 M3X4                 | SET SCREW SOCKET (CP) M3X4                |    |
| 25  | SA7377201 | 1  | 针送布臂 R                  | NEEDLE FEED ARM R                         |    |
| 26  | 062061616 | 1  | 螺钉 M6X16                | SCREW PAN M6X16                           |    |
| 27+ | SA7378101 | 1  | <用于-4□3><br>针送布偏心轮(附螺钉) | <For -4□3><br>N F ECCENTRIC WHEEL W/SCREW |    |
| 27+ | SA7380101 | 1  | <用于-405><br>针送布偏心轮(附螺钉) | <For -405><br>N F ECCENTRIC WHEEL W/SCREW |    |
| 28  | S23651001 | 3  | 固定螺钉 M6X6               | SET SCREW SOCKET (FT) M6X6                |    |
| 29  | SA7382001 | 1  | 压板                      | HOLDER                                    |    |
| 30  | 062350616 | 2  | 螺钉 M3.5X6               | SCREW PAN M3.5X6                          |    |
| 31  | SA7383301 | 1  | 针送布切换轴套                 | N F REGULATOR SHAFT BUSH                  |    |
| 32  | 012060536 | 1  | 螺钉 M6X5                 | SET SCREW, SOCKET (FT) M6X5               |    |
| 33  | SA7384201 | 1  | 切换器支架组件                 | FEED REGULATOR SUPPORT ASSY               |    |
| 34  | 113024000 | 1  | 油线盖                     | PUSHER                                    |    |
| 35  | 012400436 | 1  | 螺钉 M4X4                 | SET SCREW SOCKET (FT) M4X4                |    |
| 36  | 012060536 | 2  | 螺钉 M6X5                 | SET SCREW, SOCKET (FT) M6X5               |    |
| 37  | SA8356001 | 1  | 支架板                     | SUPPORTER                                 |    |
| 38  | 062501216 | 1  | 螺钉 M5X12                | SCREW PAN M5X12                           |    |
| 39  | SB3849001 | 1  | 平垫圈 M5                  | WASHER_PLAIN_M_5                          |    |
| 40  | SA8026001 | 1  | 针送布轴                    | NEEDLE FEED SHAFT                         |    |
| 41  | 012060536 | 1  | 螺钉 M6X5                 | SET SCREW, SOCKET (FT) M6X5               |    |
| 42  | 012060536 | 1  | 螺钉 M6X5                 | SET SCREW, SOCKET (FT) M6X5               |    |
| 43  | SA7984001 | 1  | 针送布轴套 R                 | N FEED SHAFT METAL R                      |    |
| 44  | SA7986001 | 1  | 针送布轴套 L                 | N FEED SHAFT METAL L                      |    |
| 45  | SA7985001 | 1  | 针送布轴套 M                 | N FEED SHAFT METAL                        |    |
| 46  | SA4588001 | 2  | 紧圈                      | SET COLLAR                                |    |
| 47  | 012500536 | 4  | 螺钉 M5X5                 | SET SCREW SOCKET (FT) M5X5                |    |

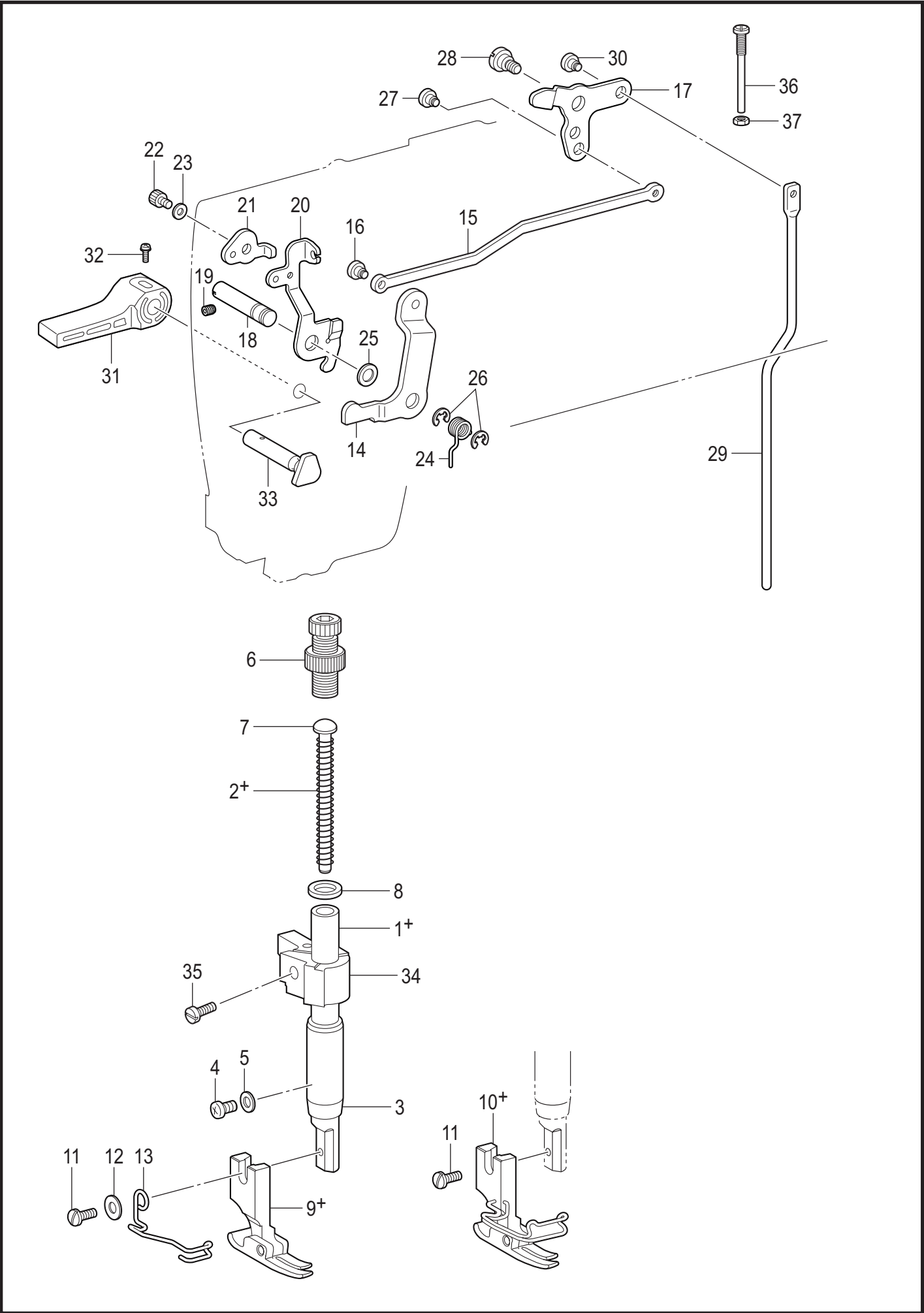
C. 针送布装置 / Needle feed mechanism



## C. 针送布装置 / Needle feed mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称             | NAME OF PARTS                 | RM |
|-----|-----------|----|-------------------|-------------------------------|----|
| 48+ | SA7403401 | 1  | <用于-40□><br>针杆台组件 | <For -40□><br>N-BAR BASE UNIT |    |
| 49  | SA4499001 | 1  | 油线夹               | WICK HOLDER                   |    |
| 50  | 062400616 | 1  | 螺钉 M4X6           | SCREW PAN M4X6                |    |
| 51  | SA4346001 | 1  | 油线 3X3            | WICK 3X3                      |    |
| 52  | SA4503001 | 1  | 油线压板              | WICK SETTING PLATE            |    |
| 53  | 060400416 | 1  | 螺钉 M4X4           | SCREW, BIND M4X4              |    |
| 48+ | SA7390401 | 1  | <用于-433><br>针杆台组件 | <For -433><br>N-BAR BASE UNIT |    |
| 54  | 012400436 | 1  | 螺钉 M4X4           | SET SCREW SOCKET (FT) M4X4    |    |
| 55  | 012400436 | 1  | 螺钉 M4X4           | SET SCREW SOCKET (FT) M4X4    |    |
| 56  | SA7842001 | 2  | 螺钉 M4             | SCREW M4                      |    |
| 57  | 110367001 | 2  | 垫圈 8              | WASHER, PLAIN SPECIAL 8       |    |
| 58  | 014500536 | 1  | 螺钉 M5X5           | SET SCREW SOCKET (CP) M5X5    |    |
| 59  | 018061636 | 1  | 螺栓 M6X16          | BOLT SOCKET M6X16             |    |
| 60  | SA7558001 | 1  | 针送布臂轴             | NF ARM SHAFT                  |    |
| 61  | SA4302001 | 1  | 垫圈                | WASHER                        |    |
| 62  | SA7401201 | 1  | 针送布臂轴定位           | N-F ARM SHAFT STOPPER         |    |
| 63  | 048040142 | 1  | 轴用挡圈 C4           | RETAINING RING EXTERNAL C4    |    |
| 64  | SA4295001 | 1  | 针杆台轴套 R           | BUSH,R                        |    |
| 65  | SA4294001 | 1  | 针杆台轴套 L           | BUSH,L                        |    |
| 66  | 062500816 | 1  | 螺钉 M5X8           | SCREW PAN M5X8                |    |
| 67  | SA8403001 | 1  | 滑块导向              | SLIDE BLOCK GUIDE             |    |
| 68  | 018501636 | 1  | 螺栓 M5X16          | BOLT SOCKET M5X16             |    |
| 69  | SA4298001 | 1  | 针杆台导向             | NEEDLE BAR BRACKET GUIDE      |    |
| 70  | 062401216 | 2  | 螺钉 M4X12          | SCREW PAN M4X12               |    |
| 71  | SA4300001 | 1  | 橡皮垫片              | RUBBER PACKING                |    |
| 72  | SA4301001 | 1  | 橡皮垫片盖             | RUBBER PACKING PLATE          |    |
| 73  | S25310101 | 3  | 螺钉 M4             | SCREW, FLAT M4                |    |

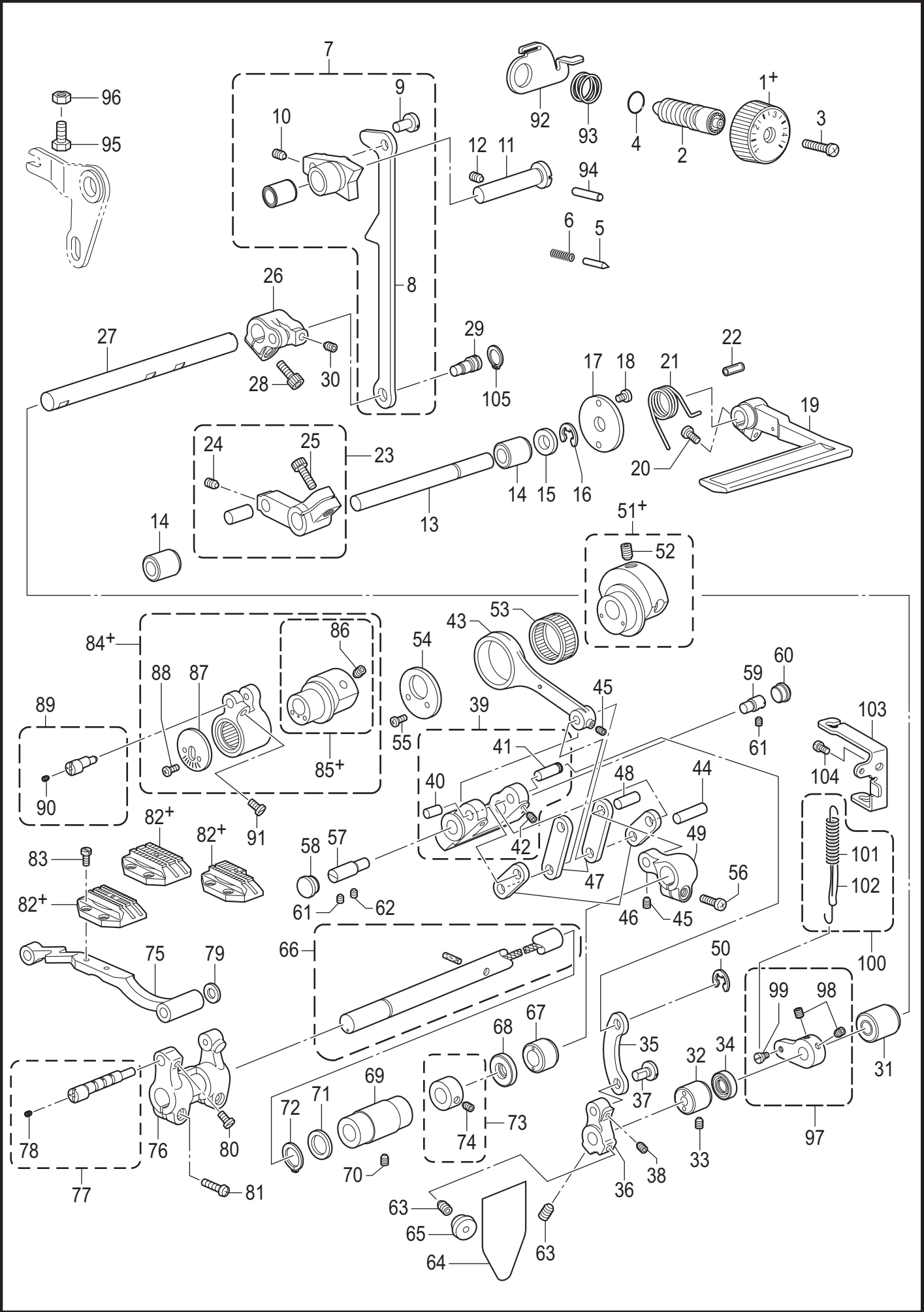
D. 压脚装置 / Presser foot mechanism



## D. 压脚装置 / Presser foot mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称           | NAME OF PARTS                  | RM |
|-----|-----------|----|-----------------|--------------------------------|----|
| 1+  | SA9359001 | 1  | <用于-4□3><br>压紧杆 | <For -4□3><br>PRESSER BAR      |    |
| 2+  | S13561101 | 1  | 压杆弹簧            | PRESSER BAR SPRING             |    |
| 1+  | SA1173101 | 1  | <用于-405><br>压杆  | <For -405><br>PRESSER BAR      |    |
| 2+  | 141728001 | 1  | 压杆弹簧            | PRESSER BAR SPRING             |    |
| 3   | SA7242001 | 1  | 压杆轴套            | PRESSER BAR BUSH               |    |
| 4   | 062500616 | 1  | 螺钉 M5X6         | SCREW PAN M5X6                 |    |
| 5   | 026050136 | 1  | 平垫圈 S5          | WASHER PLAIN S 5               |    |
| 6   | SB2265002 | 1  | 调压螺栓组件          | PRESSER ADJUSTING SCREW ASSY   |    |
| 7   | SA7607101 | 1  | 弹簧导杆            | SPRING GUIDE                   |    |
| 8   | 140407001 | 1  | 垫圈              | WASHER                         |    |
| 9+  | * P.53-56 | 1  | 压脚组件            | PRESSER FOOT ASSY              |    |
| 10+ | * P.53-56 | 1  | 压脚组件 (带护指器)     | PRESSER FOOT ASSY W/F-GUARD    |    |
| 11  | S13385001 | 1  | 螺钉 SM3.57-40X10 | SCREW, SM3.57-40X10            |    |
| 12  | 025350132 | 1  | 平垫圈 S3.5        | WASHER PLAIN S 3.5             |    |
| 13  | SA8100001 | 1  | 护指器             | FINGER GUARD                   |    |
| 14  | SA4483001 | 1  | 抬压连杆            | PRESSER BAR LIFTER LEVER       |    |
| 15  | SA7407201 | 1  | 膝控提升连杆          | KNEE LIFTER CONNECTING ROD     |    |
| 16  | SA1179001 | 1  | 轴位螺钉 M5         | SHOULDER SCREW, M5             |    |
| 17  | SA7406201 | 1  | 膝控提升手杆          | KNEE LIFTER LEVER              |    |
| 18  | SA1181101 | 1  | 抬压连杆轴           | PRESSER BAR LIFTER LEVER SHAFT |    |
| 19  | 012500536 | 1  | 螺钉 M5X5         | SET SCREW SOCKET (FT) M5X5     |    |
| 20  | SA9154001 | 1  | 松线板             | TENSION RELEASE PLATE          |    |
| 21  | SA8069001 | 1  | 松线板             | T-RELEASE PLATE                |    |
| 22  | 018400532 | 1  | 螺栓 M4X5         | BOLT SOCKET M4X5               |    |
| 23  | 025040232 | 1  | 平垫圈 M4          | WASHER PLAIN M 4               |    |
| 24  | SA1186001 | 1  | 抬压连杆弹簧          | P-BAR LIFTER LEVER SPRING      |    |
| 25  | S07350001 | 1  | 垫圈              | WASHER PLAIN                   |    |
| 26  | 048050342 | 2  | 挡圈 E5           | RETAINING RING E5              |    |
| 27  | SA1179001 | 1  | 轴位螺钉 M5         | SHOULDER SCREW, M5             |    |
| 28  | SA2165001 | 1  | 轴位螺钉 M6         | SHOULDER SCREW, M6             |    |
| 29  | SA7408101 | 1  | 膝控提升杆           | KNEE LIFTER BAR                |    |
| 30  | SA1179001 | 1  | 轴位螺钉 M5         | SHOULDER SCREW, M5             |    |
| 31  | S31006002 | 1  | 抬压脚扳手           | LIFTING LEVER                  |    |
| 32  | S39051001 | 1  | 螺钉(带垫圈)M3.5X12  | SCREW, PAN (S/P W) M3.5X12     |    |
| 33  | S45837001 | 1  | 压紧杆提升凸轮         | PRESSER BAR LIFTER CRANK       |    |
| 34  | SB2919001 | 1  | 压紧杆导架组件         | PRESSER BAR GUIDE BRACKET ASSY |    |
| 35  | SA8903001 | 1  | 螺钉 M4X12        | SCREW M4X12                    |    |
| 36  | SA4256201 | 1  | 螺钉 M6           | ADJUSTING SCREW M6             |    |
| 37  | 021060306 | 1  | 六角螺母 M6         | NUT 3 M6                       |    |

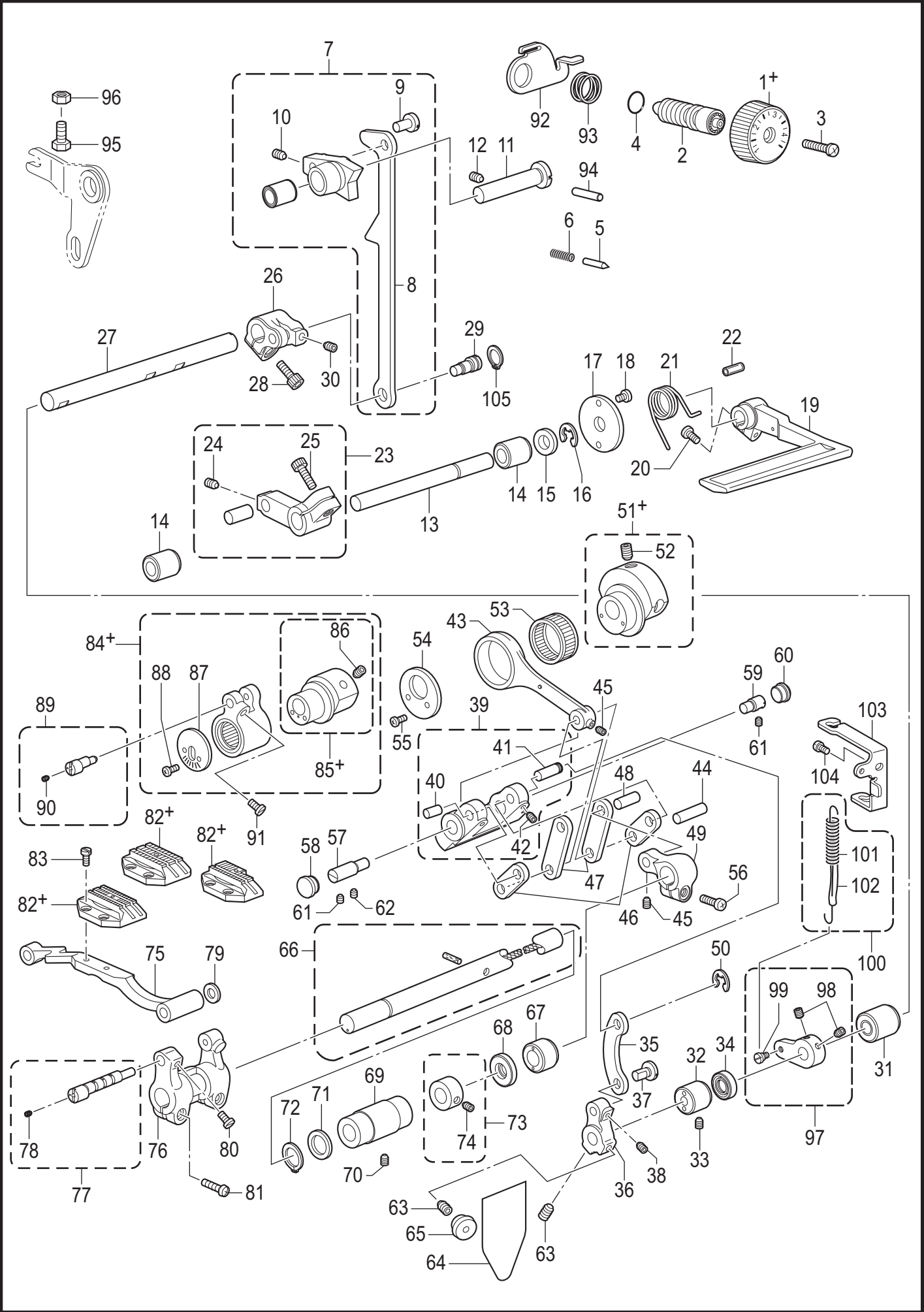
E. 送料装置 / Feed mechanism



## E. 送料装置 / Feed mechanism

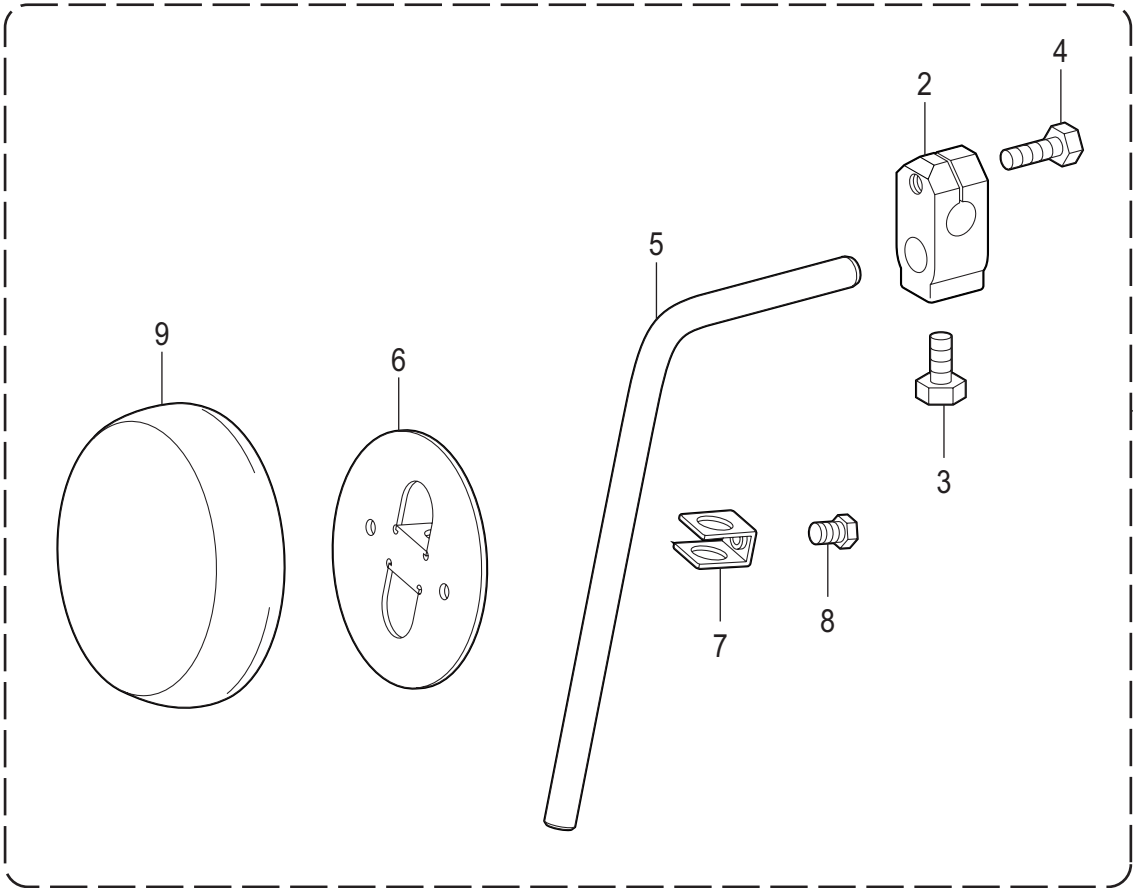
| 参照号 | 零部件序号     | 数量 | 零部件名称                | NAME OF PARTS                          | RM |
|-----|-----------|----|----------------------|----------------------------------------|----|
| 1+  | SA7428002 | 1  | <用于-4□3><br>针距旋钮     | <For -4□3><br>STITCH LENGTH DIAL       |    |
| 1+  | SA7426002 | 1  | <用于-405><br>针距旋钮     | <For -405><br>STITCH LENGTH DIAL       |    |
| 2   | SA7858001 | 1  | 针距调节螺杆组件             | FEED REGULATING STUD ASSY              |    |
| 3   | SA4494001 | 1  | 螺钉 SM4.76            | SCREW SM4.76                           |    |
| 4   | 108549001 | 1  | O形圈                  | O RING                                 |    |
| 5   | S50098201 | 1  | 定位销                  | POSITIONING PIN                        |    |
| 6   | 100328001 | 1  | 止动销弹簧                | NOTCH SPRING                           |    |
| 7   | SA7660001 | 1  | 送料调节器组件              | FEED REGULATOR ASSY                    |    |
| 8   | SA2849001 | 1  | 切换连杆                 | F-REGULATOR CONNECTING ROD             |    |
| 9   | 151308102 | 1  | 连杆轴 12.5             | STUD 12.5                              |    |
| 10  | 012500536 | 1  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 11  | SA7635001 | 1  | 送布调节器轴               | FEED REGULATOR SHAFT                   |    |
| 12  | 012060636 | 2  | 螺钉 M6X6              | SET SCREW SOCKET (FT) M6X6             |    |
| 13  | SA1206001 | 1  | 倒缝手柄轴                | REVERSE SEWING SHAFT                   |    |
| 14  | S25469100 | 2  | 轴套 L=12              | BUSH DRY :L=12                         |    |
| 15  | 025100132 | 1  | 平垫圈 S10              | WASHER PLAIN S 10                      |    |
| 16  | 048080342 | 1  | 挡圈 E8                | RETAINING RING E8                      |    |
| 17  | SA1207001 | 1  | 衬片                   | SPACER                                 |    |
| 18  | 062500816 | 2  | 螺钉 M5X8              | SCREW PAN M5X8                         |    |
| 19  | SA7321002 | 1  | 倒缝手柄                 | REVERSE LEVER                          |    |
| 20  | 062501416 | 1  | 螺钉 M5X14             | SCREW PAN M5X14                        |    |
| 21  | SA1209001 | 1  | 倒缝手柄弹簧               | REVERSE LEVER SPRING                   |    |
| 22  | 153132000 | 1  | 尼龙管 L=13.5           | NYLON TUBE L=13.5                      |    |
| 23  | SA1210101 | 1  | 操纵杆托架组件              | HANDLE SHAFT ARM ASSY                  |    |
| 24  | 012500536 | 1  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 25  | 018501636 | 1  | 螺栓 M5X16             | BOLT SOCKET M5X16                      |    |
| 26  | SA9746001 | 1  | 切换器轴托架               | FEED REGULATOR SHAFT ARM               |    |
| 27  | SA7661101 | 1  | 切换器轴                 | FEED REGULATOR SHAFT                   |    |
| 28  | 018061636 | 1  | 螺栓 M6X16             | BOLT SOCKET M6X16                      |    |
| 29  | SA2851001 | 1  | 偏心销                  | ECCENTRIC PIN                          |    |
| 30  | 012500536 | 1  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 31  | SA7670001 | 1  | 切换器轴套组件 R            | FEED REGULATOR SHAFT R ASSY            |    |
| 32  | SA7253101 | 1  | 切换器轴轴套 L             | FEED REGULATOR SHAFT BUSH(L)           |    |
| 33  | 012060536 | 1  | 螺钉 M6X5              | SET SCREW, SOCKET (FT) M6X5            |    |
| 34  | SA1269001 | 1  | 油封                   | OIL SEAL                               |    |
| 35  | SA7697101 | 1  | 切换器连杆 S              | CONNECTING ROD S                       |    |
| 36  | SA1218001 | 1  | 切换轴接头                | FEED REGULATOR SHAFT JOINT             |    |
| 37  | 151308102 | 1  | 连杆轴 12.5             | STUD 12.5                              |    |
| 38  | 012500536 | 1  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 39  | SA9823101 | 1  | 切换器组件                | FEED REGULATOR ASSY                    |    |
| 40  | SA9824001 | 1  | 送布牙连杆                | FEED LINK SHAFT                        |    |
| 41  | SA1222001 | 1  | 送布牙连杆R               | FEED LINK SHAFT R                      |    |
| 42  | 012500536 | 2  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 43  | SA1223001 | 1  | 水平送布连杆               | LEVEL FEED CONNECTING ROD              |    |
| 44  | SA7254001 | 1  | 联环轴                  | LINK SHAFT                             |    |
| 45  | 012500536 | 2  | 螺钉 M5X5              | SET SCREW SOCKET (FT) M5X5             |    |
| 46  | S16335001 | 1  | 水平送布联环组件             | LEVEL FEED LINK ASSY                   |    |
| 47  | S16337001 | 1  | 送布托架联环组件             | FEED ROCKER ARM LINK ASSY              |    |
| 48  | 156958021 | 1  | 送布曲柄销                | FEED ROCK ARM SHAFT                    |    |
| 49  | SA1225001 | 1  | 水平送布托架               | FEED ROCK ARM                          |    |
| 50  | 048040342 | 1  | 挡圈 E4                | RETAINING RING E4                      |    |
| 51+ | SA1261001 | 1  | <用于-4□3><br>水平偏心轮带螺钉 | <For -4□3><br>ECCENTRIC WHEEL, W/SCREW |    |
| 51+ | SA1263001 | 1  | <用于-405><br>水平偏心轮带螺钉 | <For -405><br>ECCENTRIC WHEEL, W/SCREW |    |
| 52  | S25236001 | 2  | 螺钉 M6X10             | SET SCREW SOCKET (FT) M6X10            |    |
| 53  | S12915001 | 1  | 滚柱轴承25               | ROLLER BEARING RADIAL 25               |    |

E. 送料装置 / Feed mechanism



## E. 送料装置 / Feed mechanism

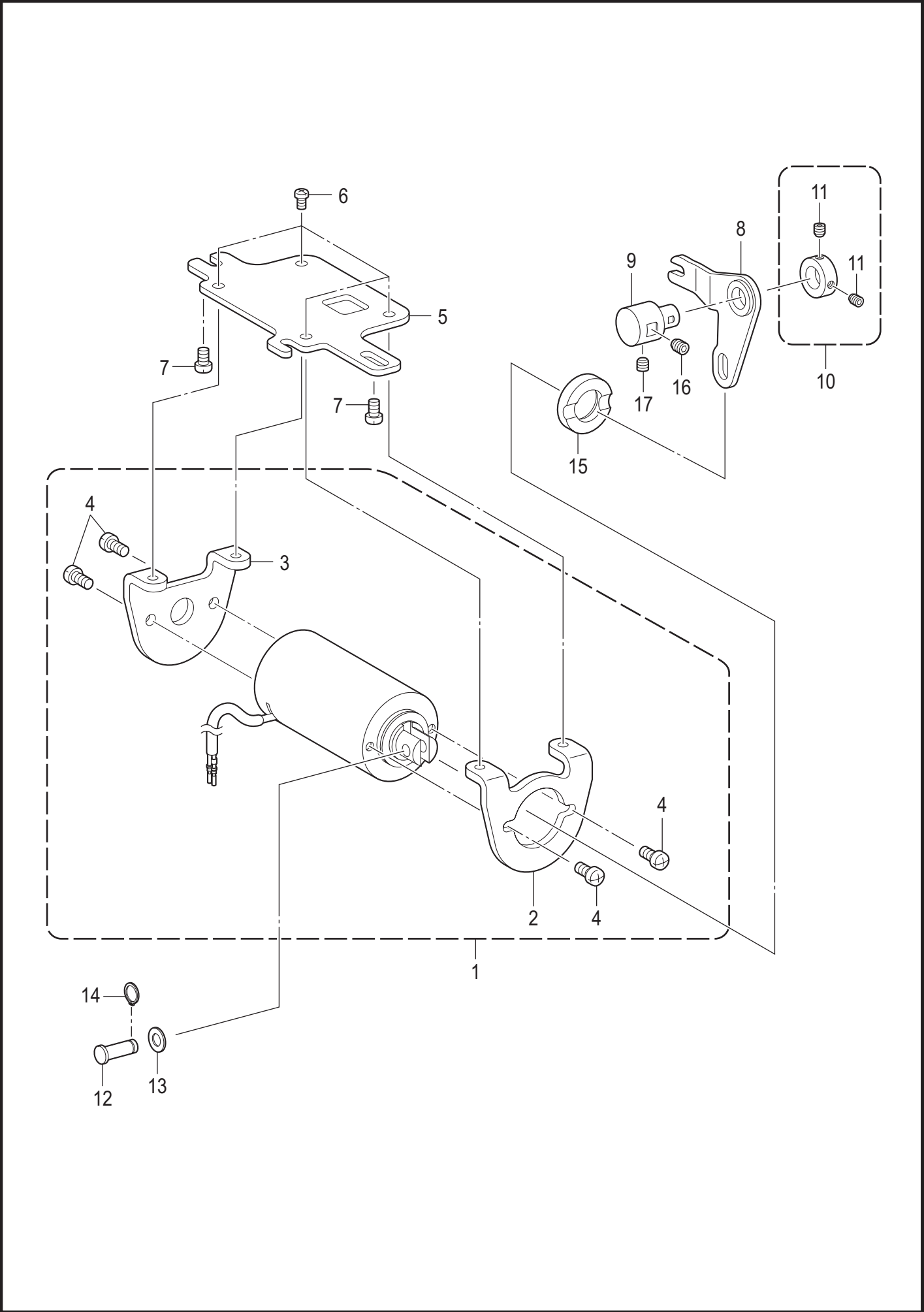
| 参照号 | 零部件序号     | 数量 | 零部件名称            | NAME OF PARTS                  | RM |
|-----|-----------|----|------------------|--------------------------------|----|
| 54  | S25321001 | 1  | 连杆夹板             | HOLDER                         |    |
| 55  | 062350616 | 2  | 螺钉 M3.5X6        | SCREW PAN M3.5X6               |    |
| 56  | 062501416 | 1  | 螺钉 M5X14         | SCREW PAN M5X14                |    |
| 57  | SA1226401 | 1  | 切换器轴 L           | FEED REGULATOR SHAFT L         |    |
| 58  | 104449001 | 1  | 橡皮塞 15.5         | RUBBER CAP, 15.5               |    |
| 59  | SA1227501 | 1  | 切换器短轴            | FEED REGULATOR SUPPORT SHAFT   |    |
| 60  | SA1228001 | 1  | 橡皮塞 14.5         | RUBBER CAP, 14.5               |    |
| 61  | 012060536 | 2  | 螺钉 M6X5          | SET SCREW, SOCKET (FT) M6X5    |    |
| 62  | SA1229101 | 1  | 螺钉 M6X6          | SET SCREW (FT) M6X6            |    |
| 63  | S23651001 | 2  | 固定螺钉 M6X6        | SET SCREW SOCKET (FT) M6X6     |    |
| 64  | SA2377001 | 1  | 带胶贴片             | RUBBER CAP LABEL               |    |
| 65  | S34352101 | 1  | 橡皮塞 13.5         | RUBBER CAP, 13.5               |    |
| 66  | SA1230001 | 1  | 水平送布轴组件          | FEED ROCK SHAFT ASSY           |    |
| 67  | SA7255101 | 1  | 送布轴轴套 R          | FEED SHAFT BUSH(R)             |    |
| 68  | SA1237101 | 1  | 油封               | OIL SEAL                       |    |
| 69  | SA1233101 | 1  | 送布轴轴套L           | FEED SHAFT BUSH L              |    |
| 70  | 012061036 | 1  | 螺钉 M6X10         | SET SCREW SOCKET (FT) M6X10    |    |
| 71  | 156243021 | 1  | 送布轴轴套垫圈          | THRUST RING                    |    |
| 72  | 048150142 | 1  | 轴用挡圈 C15         | RETAINING RING EXTERNAL C15    |    |
| 73  | SA1234001 | 1  | 紧圈组件             | SET SCREW COLLAR               |    |
| 74  | S23651001 | 2  | 固定螺钉 M6X6        | SET SCREW SOCKET (FT) M6X6     |    |
| 75  | SA7674001 | 1  | 送布台              | FEED BAR                       |    |
| 76  | SA7330001 | 1  | 送布台臂             | FEED ROCK BRACKET ARM          |    |
| 77  | SA2400101 | 1  | 送布台短轴大组件         | FEED BAR SET                   |    |
| 78  | 014300432 | 1  | 螺钉 M3X4          | SET SCREW SOCKET (CP) M3X4     |    |
| 79  | 158722001 | 1  | 垫圈 4.2           | WASHER PLAIN 4.2               |    |
| 80  | SA1242001 | 1  | 螺钉 M5X7          | SET SCREW 5X7                  |    |
| 81  | SA7257001 | 2  | 螺钉 M5X12         | SCREW 5X12                     |    |
| 82+ | * P.53-56 | 1  | 送布牙              | FEED DOG                       |    |
| 83  | 100080004 | 2  | 螺钉 SM3.18-44X6.5 | SCREW, SM3.18-44X6.5           |    |
|     |           |    | <用于-4□3>         | <For -4□3>                     |    |
| 84+ | SA9661101 | 1  | 上下偏心轮组件          | F-LIFTING ECCENTRIC WHEEL ASSY |    |
| 85+ | SA1247101 | 1  | 偏心轮带螺钉           | ECCENTRIC WHEEL, W/SCREW       |    |
|     |           |    | <用于-405>         | <For -405>                     |    |
| 84+ | SA9666101 | 1  | 上下偏心轮组件          | F-LIFTING ECCENTRIC WHEEL ASSY |    |
| 85+ | SA1251101 | 1  | 偏心轮带螺钉           | ECCENTRIC WHEEL W/SCREW        |    |
| 86  | S25236001 | 2  | 螺钉 M6X10         | SET SCREW SOCKET (FT) M6X10    |    |
| 87  | S25339301 | 1  | 送布台夹板            | FEED BAR ARM PRESSER           |    |
| 88  | 062300616 | 2  | 螺钉 M3X6          | SCREW PAN M3X6                 |    |
| 89  | SA2401001 | 1  | 上下送布短轴大组件        | LIFTING FEED SHAFT ASSY        |    |
| 90  | 014300432 | 1  | 螺钉 M3X4          | SET SCREW SOCKET (CP) M3X4     |    |
| 91  | SA1242001 | 1  | 螺钉 M5X7          | SET SCREW 5X7                  |    |
| 92  | S47508101 | 1  | 旋钮锁住杆            | DIAL LOCK LEVER                |    |
| 93  | S39830101 | 1  | 弹簧               | SPRING                         |    |
| 94  | SA7422001 | 1  | 锁住杆销             | ROCK LEVER PIN                 |    |
| 95  | SA9672001 | 1  | 加固密缝止动螺栓         | CONDENSED STOPPER              |    |
| 96  | 021060306 | 1  | 六角螺母 M6          | NUT 3 M6                       |    |
| 97  | SA7664201 | 1  | 弹簧挂钩组件           | SPRING HOOK ARM ASSY           |    |
| 98  | S23651001 | 2  | 固定螺钉 M6X6        | SET SCREW SOCKET (FT) M6X6     |    |
| 99  | S25427101 | 1  | 轴位螺钉M4           | SHOULDER SCREW, M4             |    |
| 100 | SA7675001 | 1  | 弹簧组件             | SPRING ASSY                    |    |
| 101 | SA7676001 | 1  | 拉簧               | SPRING                         |    |
| 102 | SA3114001 | 1  | 尼龙管              | VINYL TUBE                     |    |
| 103 | SA7679001 | 1  | 弹簧挂钩板            | SPRING SET PLATE               |    |
| 104 | 062500816 | 1  | 螺钉 M5X8          | SCREW PAN M5X8                 |    |
| 105 | 048100142 | 1  | 轴用挡圈 C10         | RETAINING RING EXTERNAL C10    |    |



## F. 膝控提升装置 / Knee lifter mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称    | NAME OF PARTS             | RM |
|-----|-----------|----|----------|---------------------------|----|
| 1   | SA9673001 | 1  | 膝控组件     | KNEE LIFTER ASSY          |    |
| 2   | SA9674001 | 1  | 碰块弯杆接头   | KNEE LIFTER BRACKET       |    |
| 3   | 017061413 | 1  | 螺栓 M6X14 | BOLT M6X14                |    |
| 4   | 017062013 | 1  | 螺栓 M6X20 | BOLT M6X20                |    |
| 5   | S38278001 | 1  | 膝控弯管     | KNEE LIFTER BAR           |    |
| 6   | S34756021 | 1  | 膝控碰块     | KNEE LIFTER PLATE         |    |
| 7   | SA9676001 | 1  | 碰块架      | KNEE LIFTER PLATE STOPPER |    |
| 8   | 017060813 | 1  | 螺栓 M6X8  | BOLT M6X8                 |    |
| 9   | S31885001 | 1  | 膝控碰块垫    | KNEE LIFTER PLATE COVER   |    |

G. 倒缝装置 / Quick reverse mechanism

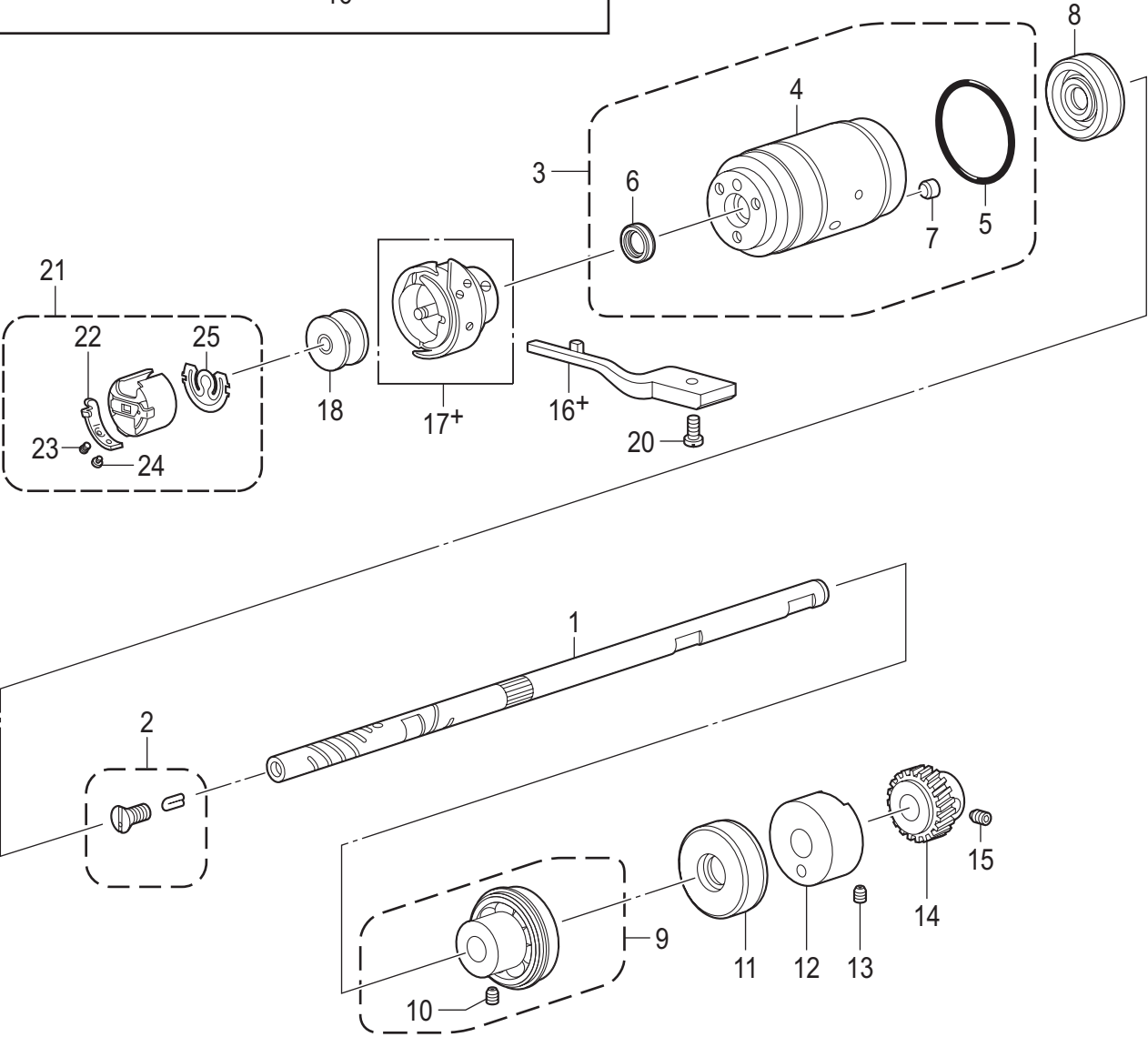
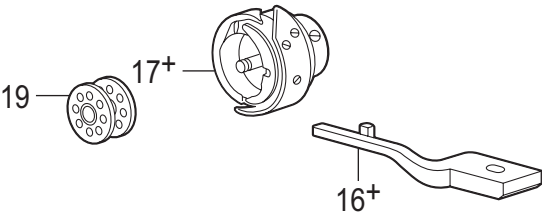


## G. 倒缝装置 / Quick reverse mechanism

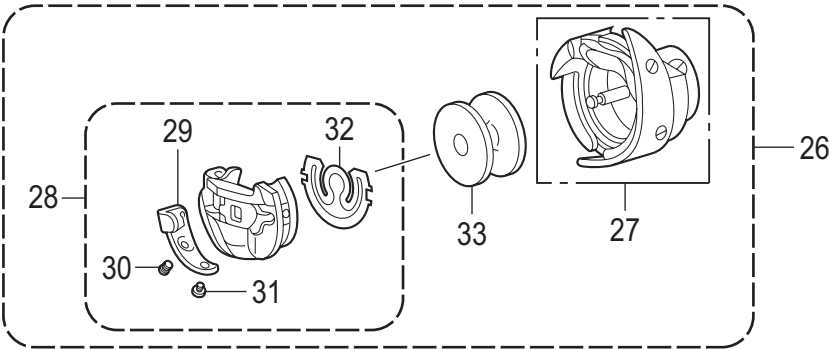
| 参照号 | 零部件序号     | 数量 | 零部件名称    | NAME OF PARTS               | RM |
|-----|-----------|----|----------|-----------------------------|----|
| 1   | SA7850001 | 1  | 倒缝电磁铁组件  | QUICK REVERSE SOLENOID ASSY |    |
| 2   | SA7904001 | 1  | 电磁铁安装板 F | SOLENOID PLATE F            |    |
| 3   | SA7907001 | 1  | 电磁铁安装板 B | SOLENOID PLATE B            |    |
| 4   | 062500816 | 4  | 螺钉 M5X8  | SCREW PAN M5X8              |    |
| 5   | SB4177001 | 1  | 电磁铁基板    | SOLENOID BASE               |    |
| 6   | 062500816 | 4  | 螺钉 M5X8  | SCREW PAN M5X8              |    |
| 7   | 062061016 | 2  | 螺钉 M6X10 | SCREW PAN M6X10             |    |
| 8   | SA9813001 | 1  | 电磁铁曲柄    | SOLENOID LEVER              |    |
| 9   | SA2844101 | 1  | 曲柄轴      | SOLENOID LEVER SHAFT        |    |
| 10  | SA2848001 | 2  | 紧圈组件     | SET COLLAR ASSY             |    |
| 11  | 012500536 | 4  | 螺钉 M5X5  | SET SCREW SOCKET (FT) M5X5  |    |
| 12  | SA2992001 | 1  | 连接销      | PIN                         |    |
| 13  | 153138001 | 1  | 垫圈 6.5   | WASHER, PLAIN 6.5           |    |
| 14  | 048060142 | 1  | 轴用挡圈 C6  | RETAINING RING EXTERNAL C6  |    |
| 15  | SA7854001 | 1  | 橡皮防震垫    | RUBBER CUSHION              |    |
| 16  | 012061036 | 1  | 螺钉 M6X10 | SET SCREW SOCKET (FT) M6X10 |    |
| 17  | 012500536 | 1  | 螺钉 M5X5  | SET SCREW SOCKET (FT) M5X5  |    |

H. 旋梭装置 / Rotary hook mechanism

< 用于 -405 / For -405 >

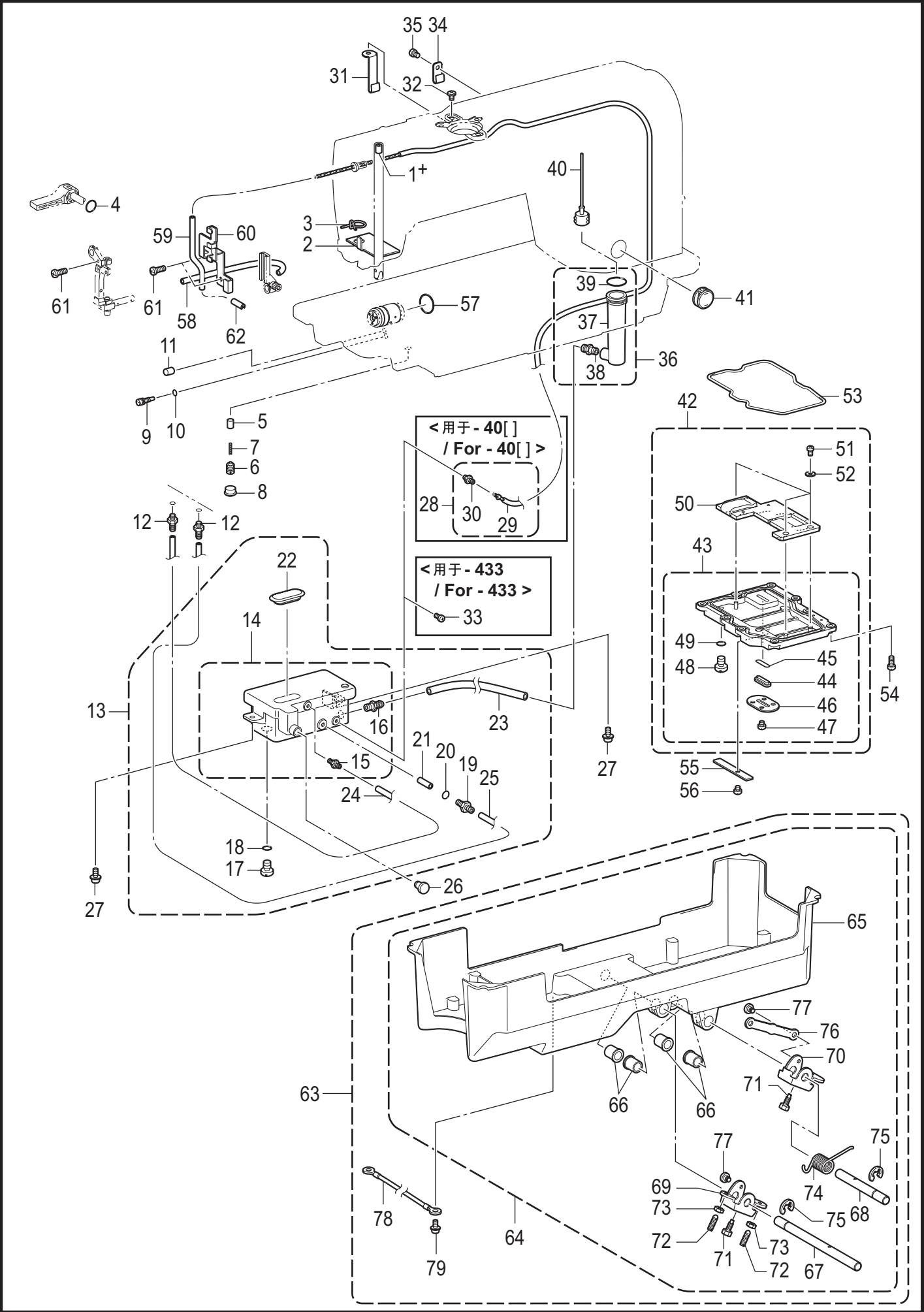


< 选购件: 用于粗线 / Option parts: For Thick thread >



# H. 旋梭装置 / Rotary hook mechanism

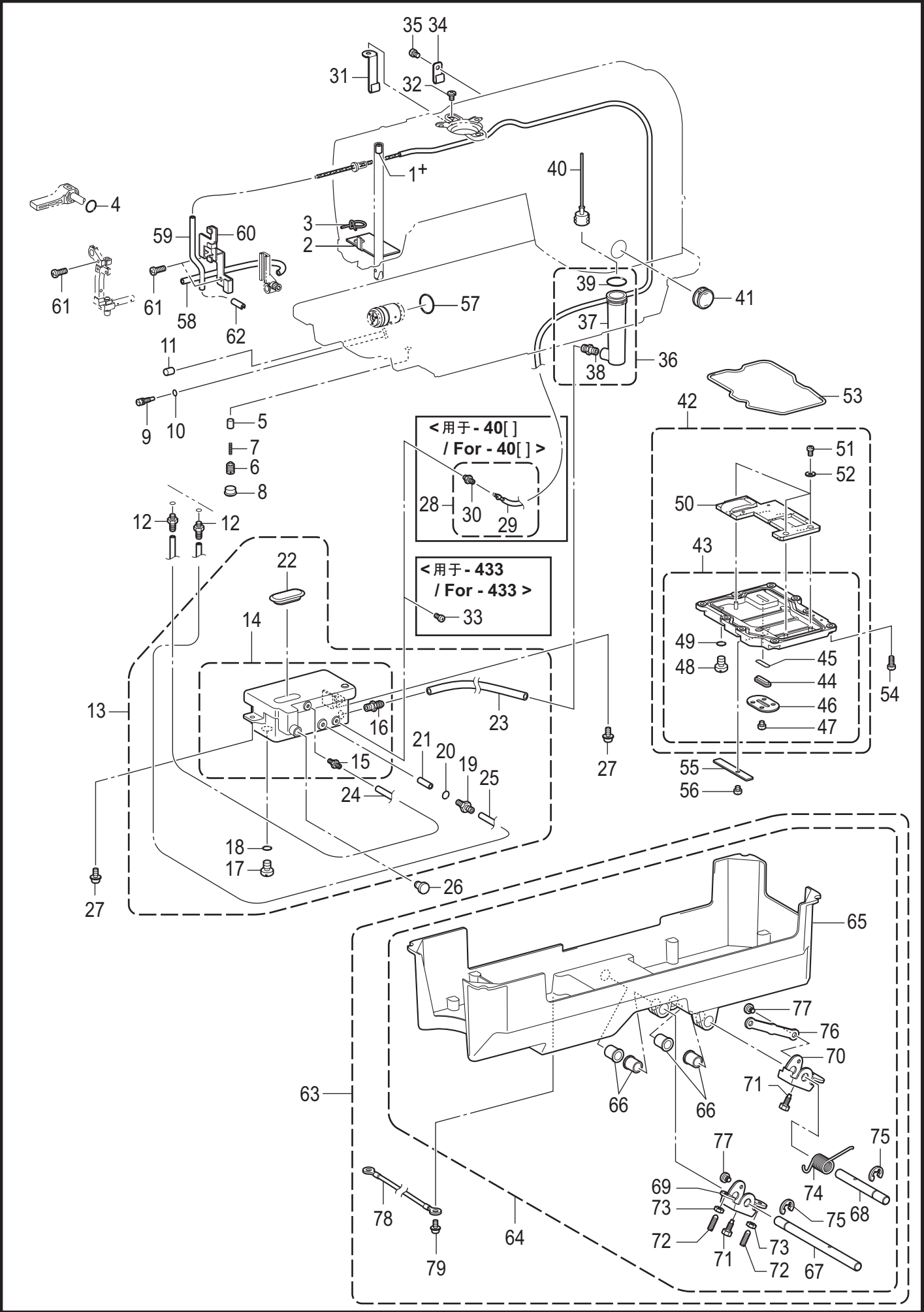
| 参照号 | 零部件序号     | 数量 | 零部件名称                       | NAME OF PARTS                                                     | RM |
|-----|-----------|----|-----------------------------|-------------------------------------------------------------------|----|
| 1   | SA9682101 | 1  | 旋梭轴                         | ROTARY HOOK SHAFT                                                 |    |
| 2   | SA9945201 | 1  | 油盖螺钉组件                      | SCREW CAP W/HOLE ASSY                                             |    |
| 3   | SA8471101 | 1  | 泵轴套总组件                      | PUMP BUSH UNIT                                                    |    |
| 4   | SA8472201 | 1  | 泵轴套组件                       | PUMP BUSH ASSY                                                    |    |
| 5   | 081025870 | 1  | O形圈 S25                     | O RING S25                                                        |    |
| 6   | SA7320001 | 1  | 油封                          | OIL SEAL                                                          |    |
| 7   | 142274101 | 1  | 橡皮塞 4.2                     | RUBBER CAP, 4.2                                                   |    |
| 8   | SA9684001 | 1  | 油封                          | OIL SEAL                                                          |    |
| 9   | SA7554101 | 1  | 轴承轴套组件                      | BEARING BUSH ASSY                                                 |    |
| 10  | S23651001 | 2  | 固定螺钉 M6X6                   | SET SCREW SOCKET (FT) M6X6                                        |    |
| 11  | SA1284101 | 1  | 油封                          | OIL SEAL                                                          |    |
| 12  | SA1285001 | 1  | 旋梭轴齿轮轴套                     | ROTARY HOOK SHAFT GEAR BUSH                                       |    |
| 13  | 012061036 | 1  | 螺钉 M6X10                    | SET SCREW SOCKET (FT) M6X10                                       |    |
| 14  | SA1287001 | 1  | 旋梭轴齿轮                       | ROTARY HOOK SHAFT GEAR                                            |    |
| 15  | S23651001 | 2  | 固定螺钉 M6X6                   | SET SCREW SOCKET (FT) M6X6                                        |    |
| 16+ | SA7830001 | 1  | <用于-4□3><br>旋梭定位钩           | <For -4□3><br>HOOK STOPPER                                        |    |
| 17+ | SB1305001 | 1  | 盒装旋梭组件 SB3338               | ROTARY HOOK ASSY W/BOX SB3338                                     |    |
| 18  | 146290001 | 1  | 梭芯                          | BOBBIN                                                            |    |
| 16+ | SA7829001 | 1  | <用于-405><br>旋梭定位钩           | <For -405><br>HOOK STOPPER                                        |    |
| 17+ | SB1677001 | 1  | 盒装旋梭组件 SB1678               | ROTARY HOOK ASSY W/BOX SB1678                                     |    |
| 19  | 117132001 | 1  | 梭芯                          | BOBBIN                                                            |    |
| 20  | SA8903001 | 1  | 螺钉 M4X12                    | SCREW M4X12                                                       |    |
| 21  | S20553001 | 1  | 梭芯套组件                       | BOBBIN CASE ASSY                                                  |    |
| 22  | 183291001 | 1  | 旋芯套调整簧片                     | TENSION SPRING                                                    |    |
| 23  | 183292001 | 1  | 旋芯套调整螺钉                     | ADJUSTING SCREW                                                   |    |
| 24  | 183293001 | 1  | 旋芯套调整螺钉                     | SET SCREW                                                         |    |
| 25  | 148967101 | 1  | 空转防止弹簧                      | ANTI-SPIN SPRING                                                  |    |
| 26  | SA1719001 | 1  | <选购件: 用于粗线><br>S53203旋梭盒复合件 | <Option parts: For Thick thread><br>ROTARY HOOK SET, W/BOX S53203 |    |
| 27  | SA1718001 | 1  | S53203旋梭盒组件                 | ROTARY HOOK ASSY, W/BOX S53203                                    |    |
| 28  | S24904201 | 1  | 梭芯套1.7组件                    | BOBBIN CASE ASSY, 1.7                                             |    |
| 29  | S24905101 | 1  | 调整弹簧                        | TENSION SPRING                                                    |    |
| 30  | 183809001 | 1  | 旋梭调整螺钉                      | ADJUSTING SCREW                                                   |    |
| 31  | 183810001 | 1  | 固定螺钉                        | SET SCREW                                                         |    |
| 32  | 183811001 | 1  | 空转防止簧                       | ANTI-SPIN SPRING                                                  |    |
| 33  | S23848001 | 1  | 梭芯 1.7                      | BOBBIN, 1.7                                                       |    |



## J. 供油润滑装置 / Lubrication

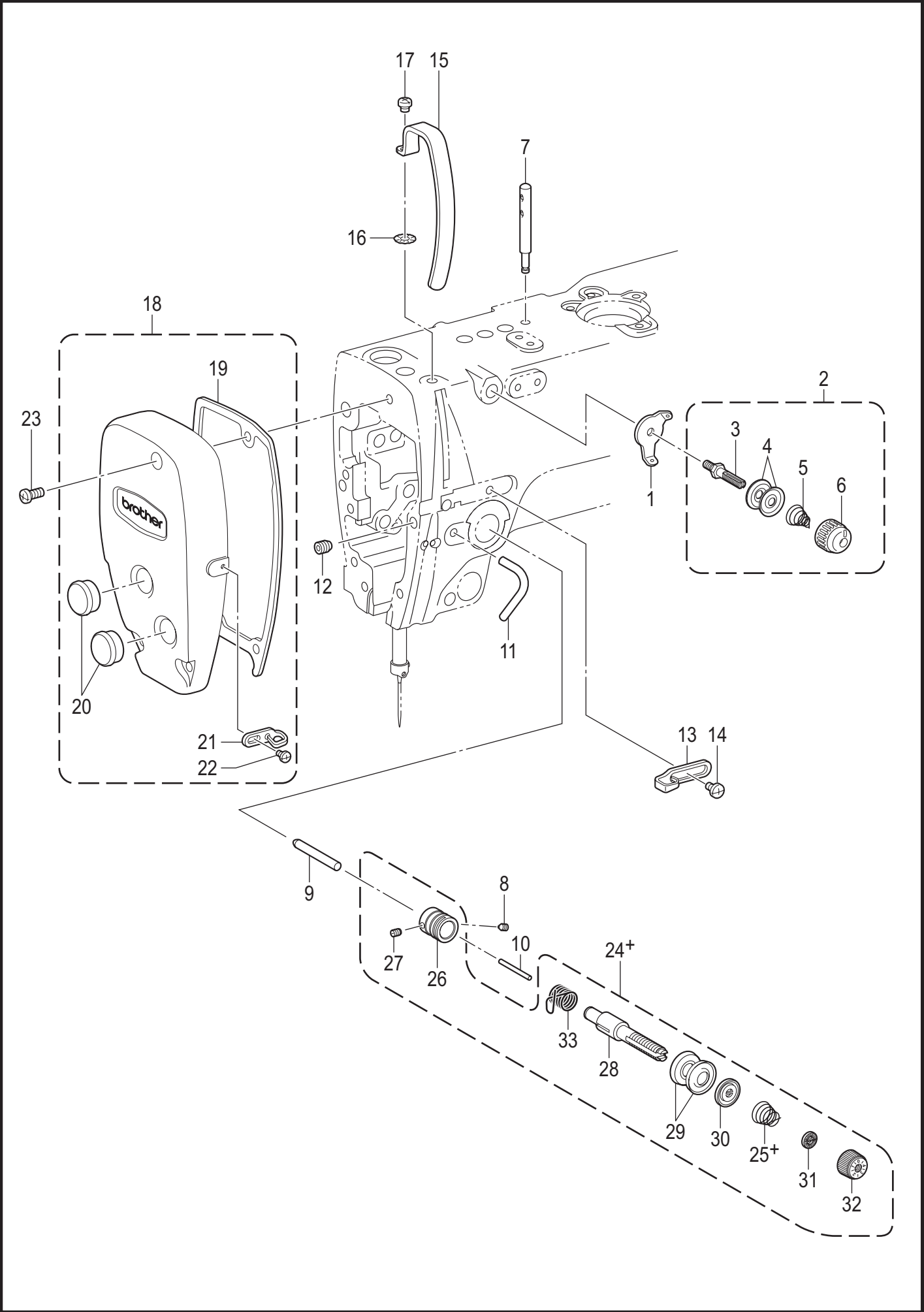
| 参照号 | 零部件序号     | 数量 | 零部件名称               | NAME OF PARTS                 | RM |
|-----|-----------|----|---------------------|-------------------------------|----|
| 1+  | S04630000 | 1  | <用于-4□3><br>针杆软木塞   | <For -4□3><br>NEEDLE BAR CORK |    |
| 1+  | 111863001 | 1  | <用于-405><br>针杆塞     | <For -405><br>NEEDLE BAR CORK |    |
| 2   | SA4270001 | 1  | 油毡                  | FELT                          |    |
| 3   | SA6025001 | 1  | 油毡固定架               | FELT SUPPORT                  |    |
| 4   | 081004070 | 1  | O形圈 P4              | O RING P4                     |    |
| 5   | 144875001 | 1  | 柱塞                  | PLUNGER                       |    |
| 6   | S25380601 | 1  | 泵盖螺钉                | CAP SCREW PUMP                |    |
| 7   | S52764001 | 1  | 弹簧                  | SPRING COMPRESSION            |    |
| 8   | 104821001 | 1  | 橡皮塞 10.5            | RUBBER CAP, 10.5              |    |
| 9   | SA9792001 | 1  | 调节螺钉                | ADJUSTING SCREW               |    |
| 10  | 081004870 | 1  | O形圈 S4              | O RING S4                     |    |
| 11  | 140327001 | 1  | 橡皮塞 6.3             | RUBBER CAP, 6.3               |    |
| 12  | S25382001 | 2  | 供油口                 | OIL FEEDING PIPE              |    |
| 13  | SA8986201 | 1  | 油箱总组件               | OIL TANK UNIT                 |    |
| 14  | SA8985101 | 1  | 油箱组件                | OIL TANK ASSY                 |    |
| 15  | SA8990001 | 1  | 供油口 9               | OIL FEEDING PIPE 9            |    |
| 16  | S51815001 | 1  | 供油口 8.6             | OIL FEEDING PIPE 8.6          |    |
| 17  | SA1303101 | 1  | 螺钉8                 | SCREW M8                      |    |
| 18  | 081008070 | 1  | O形圈 P8              | O RING P8                     |    |
| 19  | SA8989001 | 1  | 供油口                 | OIL FEEDING PIPE              |    |
| 20  | 081006670 | 1  | O形圈 PW6             | O RING PW6                    |    |
| 21  | SA8987001 | 1  | 过滤毡                 | FILTER                        |    |
| 22  | SA8991001 | 1  | 橡皮塞35-12            | RUBBER CAP 35-12              |    |
| 23  | SA1300001 | 1  | 维尼龙管                | VINYL TUBE                    |    |
| 24  | SA8997001 | 1  | 维尼龙管 L=122          | VINYL TUBE L=122              |    |
| 25  | SA8992001 | 1  | 维尼龙管 L=110          | VINYL TUBE L=110              |    |
| 26  | 104450101 | 1  | 橡皮塞 8               | RUBBER CAP, 8                 |    |
| 27  | 0A5501205 | 2  | 螺钉(带垫圈) M5X12DB     | SCREW PAN (S/P WASHER) M5X12  |    |
| 28  | SA6130001 | 1  | <用于-40□><br>油管组件    | <For -40□><br>OIL TUBE ASSY   |    |
| 29  | SA7562001 | 1  | 维尼龙管                | VINYL TUBE                    |    |
| 30  | S25382001 | 1  | 供油口                 | OIL FEEDING PIPE              |    |
| 31  | SA7338001 | 1  | 油管支架 L              | TUBE HOLDER L                 |    |
| 32  | 060400516 | 1  | 螺钉 M4X5             | SCREW BIND M4X5               |    |
| 33  | 062500816 | 1  | <用于-433><br>螺钉 M5X8 | <For -433><br>SCREW PAN M5X8  |    |
| 34  | SA7337001 | 1  | 油管支架 R              | TUBE HOLDER R                 |    |
| 35  | 062500616 | 1  | 螺钉 M5X6             | SCREW PAN M5X6                |    |
| 36  | SA1306001 | 1  | 副油罐组件               | SUB TANK ASSY                 |    |
| 37  | SA1307001 | 1  | 副油罐                 | SUB TANK                      |    |
| 38  | S51815001 | 1  | 供油口 8.6             | OIL FEEDING PIPE 8.6          |    |
| 39  | 081022870 | 1  | O形圈 S22             | O RING S22                    |    |
| 40  | SA9795101 | 1  | 油量浮标组件              | FLOAT ASSY                    |    |
| 41  | S47509001 | 1  | 油量视窗                | OIL GAUGE WINDOW              |    |
| 42  | SA4552101 | 1  | 底板侧盖总组件             | BED BOTTOM COVER UNIT         |    |
| 43  | SA1311201 | 1  | 底板侧盖组件              | BED BOTTOM COVER ASSY         |    |
| 44  | S51272100 | 1  | 底板油窗                | OIL WINDOW B-COVER            |    |
| 45  | 081015870 | 1  | O形圈 S15             | O RING S15                    |    |
| 46  | SA1313101 | 1  | 窗盖                  | WINDOW COVER                  |    |
| 47  | 062500616 | 4  | 螺钉 M5X6             | SCREW PAN M5X6                |    |
| 48  | SA1303101 | 1  | 螺钉8                 | SCREW M8                      |    |
| 49  | 081008070 | 1  | O形圈 P8              | O RING P8                     |    |
| 50  | SA1315301 | 1  | 侧盖垫毡                | BOTTOM COVER FELT             |    |
| 51  | 062400616 | 3  | 螺钉 M4X6             | SCREW PAN M4X6                |    |
| 52  | 025040332 | 3  | 平垫圈 L4              | WASHER PLAIN L 4              |    |
| 53  | SA1314001 | 1  | 侧盖垫片                | BOTTOM COVER PACKING          |    |
| 54  | 062501216 | 9  | 螺钉 M5X12            | SCREW PAN M5X12               |    |

S-7220C-350



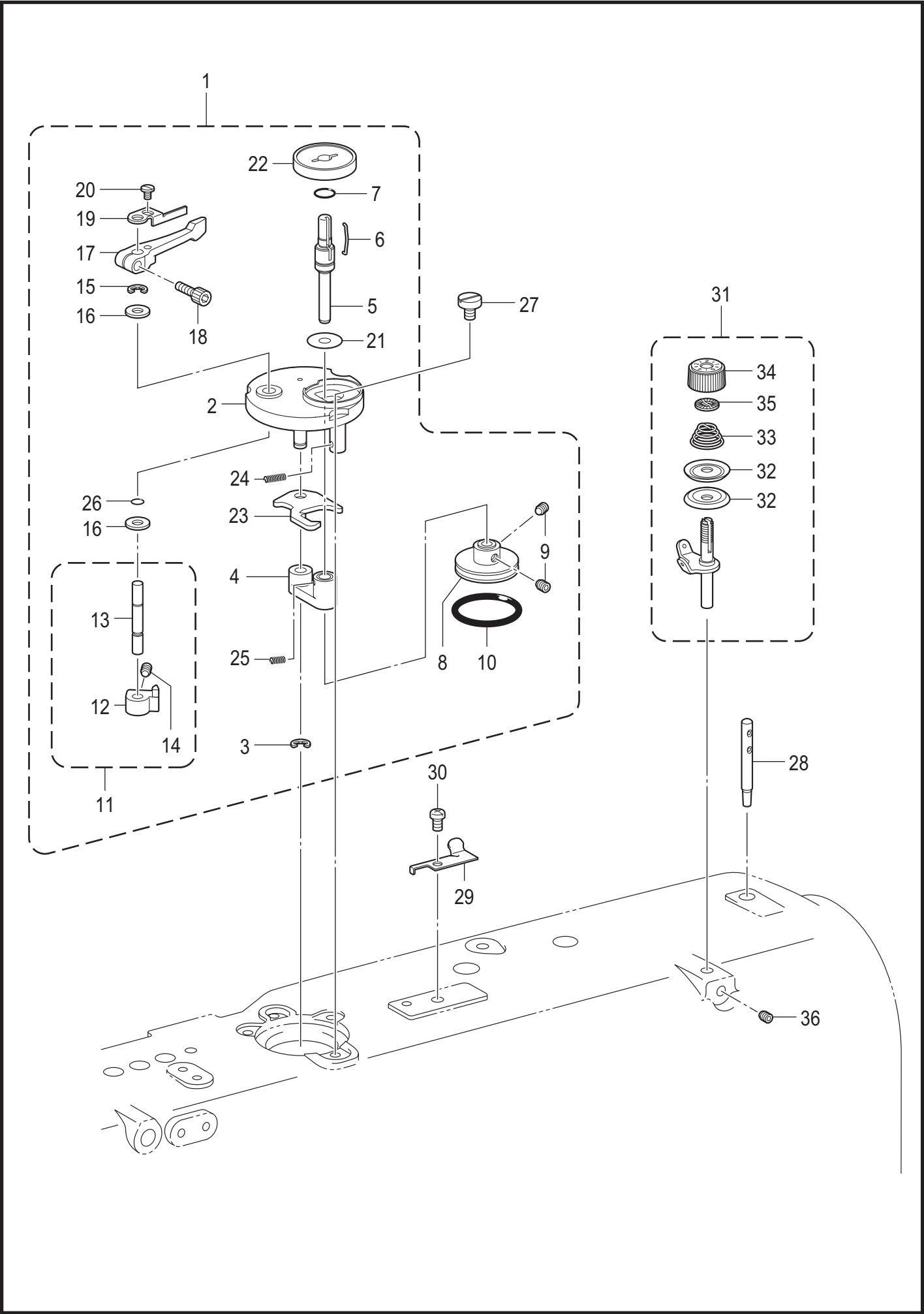
## J. 供油润滑装置 / Lubrication

| 参照号 | 零部件序号     | 数量 | 零部件名称          | NAME OF PARTS               | RM |
|-----|-----------|----|----------------|-----------------------------|----|
| 55  | SA9694001 | 1  | 压板             | CORD HOLDER PLATE           |    |
| 56  | 062500616 | 1  | 螺钉 M5X6        | SCREW PAN M5X6              |    |
| 57  | 081029870 | 1  | O形圈 S29        | O RING S29                  |    |
|     |           |    | <用于-40□>       | <For -40□>                  |    |
| 58  | SA7503001 | 1  | 维尼龙管           | VINYL TUBE L=65             |    |
| 59  | SA7505001 | 1  | 维尼龙管           | VINYL TUBE L=95             |    |
| 60  | SA7410301 | 1  | 管导向            | TUBE GUIDE                  |    |
| 61  | 062500616 | 2  | 螺钉 M5X6        | SCREW PAN M5X6              |    |
| 62  | S08004021 | 1  | 油线夹            | WICK SUPPORT                |    |
| 63  | SA9942001 | 1  | 油盘总组件          | OIL PAN UNIT                |    |
| 64  | SA1321701 | 1  | 油盘组件           | OIL PAN ASSY                |    |
| 65  | SA1322401 | 1  | 油盘             | OIL PAN                     |    |
| 66  | 149578000 | 4  | 轴套             | BUSH                        |    |
| 67  | SA1323101 | 1  | 膝控轴 L          | KNEE LIFTER SHAFT L         |    |
| 68  | SA1324001 | 1  | 膝控轴R           | KNEE LIFTER SHAFT R         |    |
| 69  | SA1325101 | 1  | 膝控             | KNEE LIFTER                 |    |
| 70  | SA1326101 | 1  | 膝控 R           | KNEE LIFTER, R              |    |
| 71  | S25344001 | 2  | 螺栓 M6          | BOLT M6                     |    |
| 72  | SB0687001 | 2  | 螺钉 M6X24       | SET SCREW M6X24             |    |
| 73  | 021060306 | 2  | 六角螺母 M6        | NUT 3 M6                    |    |
| 74  | SA3508001 | 1  | 复位弹簧           | TWIST SPRING                |    |
| 75  | 146293001 | 2  | 挡圈 E10         | RETAINING RING E10          |    |
| 76  | SA1327101 | 1  | 膝控连接杆          | KNEE LIFTER CONNECTING ROD  |    |
| 77  | SA1179001 | 2  | 轴位螺钉 M5        | SHOULDER SCREW, M5          |    |
| 78  | SA9943001 | 1  | 接地线            | EARTH CORD                  |    |
| 79  | 0A5400806 | 1  | 螺钉(带垫圈) M4X8DB | SCREW PAN (S/P WASHER) M4X8 |    |



## K. 穿线装置 / Threading mechanism

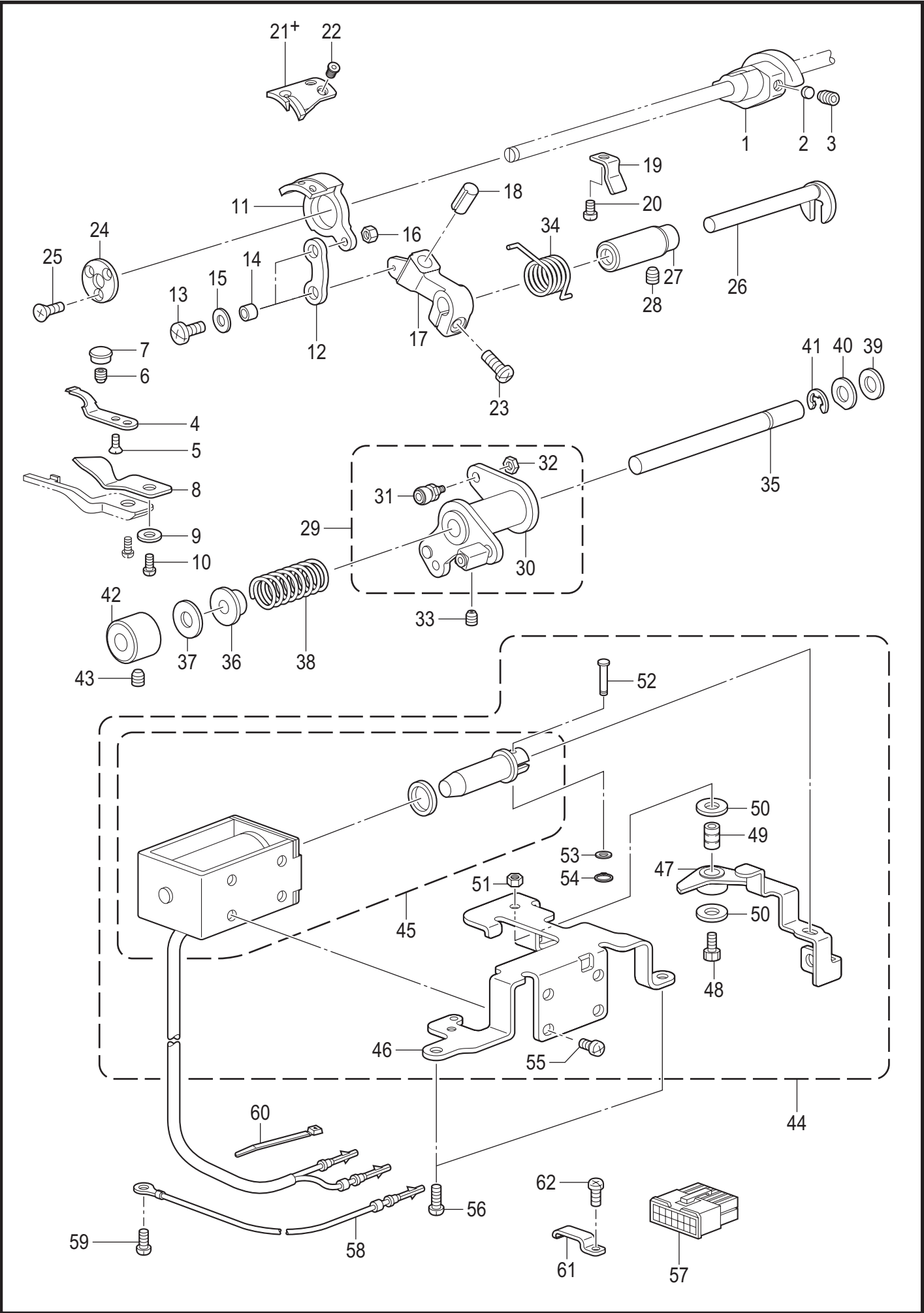
| 参照号 | 零部件序号     | 数量 | 零部件名称             | NAME OF PARTS                             | RM |
|-----|-----------|----|-------------------|-------------------------------------------|----|
| 1   | SA9699001 | 1  | 小夹线过线器            | THREAD GUIDE                              |    |
| 2   | SA9698001 | 1  | 小夹线组件 B           | PRE-TENSION ASSY B                        |    |
| 3   | SA9700001 | 1  | 夹线螺杆              | THREAD GUIDE TENSION STUD                 |    |
| 4   | 144504001 | 2  | 导向盘               | THREAD GUIDE DISC                         |    |
| 5   | SA2358101 | 1  | 小夹线弹簧 B           | PRE-TENSION SPRING B                      |    |
| 6   | SA6167002 | 1  | 线调节螺母             | THREAD TENSION NUT                        |    |
| 7   | SA1359001 | 1  | 穿线杆               | SPOOL PIN                                 |    |
| 8   | SA1229101 | 1  | 螺钉 M6X6           | SET SCREW (FT) M6X6                       |    |
| 9   | SA1343001 | 1  | 松线杆               | TENSION RELEASE STUD                      |    |
| 10  | S01419000 | 1  | 松线销               | TENSION RELEASE PIN                       |    |
| 11  | 116112001 | 1  | 线导向               | THREAD GUIDE                              |    |
| 12  | 012500536 | 1  | 螺钉 M5X5           | SET SCREW SOCKET (FT) M5X5                |    |
| 13  | SA1345001 | 1  | 机壳线导向R            | ARM THREAD GUIDE, R                       |    |
| 14  | 060500616 | 1  | 螺钉 M5X6           | SCREW BIND M5X6                           |    |
| 15  | SA9854001 | 1  | 挑线杆防护罩            | THREAD TAKE-UP LEVER COVER                |    |
| 16  | SB0544001 | 1  | 止动圈               | WASHER                                    |    |
| 17  | 062500816 | 1  | 螺钉 M5X8           | SCREW PAN M5X8                            |    |
| 18  | SB4219001 | 1  | 面板组件              | FACE PLATE ASSY                           |    |
| 19  | SA7413001 | 1  | 面板垫片              | FACE PLATE PACKING                        |    |
| 20  | SA7849001 | 2  | 橡皮塞               | RUBBER CAP                                |    |
| 21  | SA7271001 | 1  | 线导线               | FACE PLATE THREAD GUIDE                   |    |
| 22  | 060350616 | 1  | 螺钉 M3.5X6         | SCREW BIND M3.5X6                         |    |
| 23  | 062501816 | 3  | 螺钉 M5X18          | SCREW, PAN M5X18                          |    |
| 24+ | SA7273202 | 1  | <用于-4□3><br>夹线器组件 | <For -4□3><br>THREAD TENSION BRACKET ASSY |    |
| 25+ | SA7275001 | 1  | 夹线弹簧              | TENSION SPRING                            |    |
| 24+ | SA9788001 | 1  | <用于-405><br>夹线器组件 | <For -405><br>THREAD TENSION BRACKET ASSY |    |
| 25+ | S04632101 | 1  | 夹线弹簧              | TENSION SPRING                            |    |
| 26  | SA9786001 | 1  | 夹线器基座组件           | TENSION BRACKET ASSY                      |    |
| 27  | 100402004 | 1  | 固定螺钉 SM3.57       | SET SCREW SM3.57                          |    |
| 28  | 116922101 | 1  | 夹线螺杆              | TENSION STUD                              |    |
| 29  | 145446001 | 2  | 夹线盘               | DISC TENSION                              |    |
| 30  | 159805001 | 1  | 夹线压盘              | TENSION DISC PRESSER                      |    |
| 31  | S12441001 | 1  | 止动垫圈              | WASHER                                    |    |
| 32  | S31032002 | 1  | 压线螺母              | TENSION NUT                               |    |
| 33  | S02620401 | 1  | 挑线弹簧              | THREAD TAKE-UP SPRING                     |    |



## L. 绕线装置 / Bobbin winder mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称     | NAME OF PARTS               | RM |
|-----|-----------|----|-----------|-----------------------------|----|
| 1   | SB2245002 | 1  | 绕线器组件     | BOBBIN WINDER UNIT          |    |
| 2   | SA8982202 | 1  | 绕线器底座     | BOBBIN WINDER BASE          |    |
| 3   | 048040342 | 1  | 挡圈 E4     | RETAINING RING E4           |    |
| 4   | SA8508001 | 1  | 绕线轴基座组件   | B-WINDER SHAFT SUPPORT ASSY |    |
| 5   | SB2247001 | 1  | 绕线轴       | BOBBIN WINDER SHAFT         |    |
| 6   | SA9563001 | 1  | 梭芯固定簧     | BOBBIN FIXED SPRING         |    |
| 7   | 108549001 | 1  | O形圈       | O RING                      |    |
| 8   | SA8507001 | 1  | 绕线轮       | BOBBIN WINDER WHEEL         |    |
| 9   | 012400636 | 2  | 螺钉 M4X6   | SET SCREW SOCKET (FT) M4X6  |    |
| 10  | SA8503001 | 1  | 橡皮塞       | RUBBER RING                 |    |
| 11  | SA1981301 | 1  | 梭芯夹凸轮组件   | BOBBIN PRESSER CAM ASSY     |    |
| 12  | SA1982101 | 1  | 梭芯夹凸轮     | BOBBIN PRESSER CAM          |    |
| 13  | SA1983201 | 1  | 梭芯夹轴      | BOBBIN WINDER ARM SHAFT     |    |
| 14  | 012500536 | 1  | 螺钉 M5X5   | SET SCREW SOCKET (FT) M5X5  |    |
| 15  | 048040342 | 1  | 挡圈 E4     | RETAINING RING E4           |    |
| 16  | 025060136 | 2  | 平垫圈 S6    | WASHER PLAIN S 6            |    |
| 17  | SA1984001 | 1  | 梭芯压臂柄     | BOBBIN PRESSER ARM          |    |
| 18  | 018401236 | 1  | 螺栓 M4X12  | BOLT SOCKET M4X12           |    |
| 19  | SA1985001 | 1  | 梭芯夹       | BOBBIN PRESSER              |    |
| 20  | S23418002 | 1  | 螺钉 M4X5   | SCREW M4X5                  |    |
| 21  | SB2275001 | 1  | 垫片        | SHEET                       |    |
| 22  | SB2246001 | 1  | 梭芯座       | BOBBIN SUPPORT              |    |
| 23  | SA8512101 | 1  | 绕线杠杆      | BOBBIN WINDER LEVER         |    |
| 24  | SA1990101 | 1  | 弹簧        | SPRING                      |    |
| 25  | SA8509001 | 1  | 弹簧        | BOBBIN WINDER BASE SPRING   |    |
| 26  | SA2190001 | 1  | O形密封圈 SS5 | O RING SS5                  |    |
| 27  | SA1992101 | 3  | 固定螺钉      | BOBBIN WINDER FIXED SCREW   |    |
| 28  | SA1359001 | 1  | 穿线杆       | SPOOL PIN                   |    |
| 29  | SA1360101 | 1  | 切刀        | KNIFE                       |    |
| 30  | 062500616 | 1  | 螺钉 M5X6   | SCREW PAN M5X6              |    |
| 31  | SA9973001 | 1  | 绕线器夹线组件   | BOBBIN WINDER TENSION ASSY  |    |
| 32  | 145446002 | 2  | 夹线盘       | DISC TENSION                |    |
| 33  | SA9855001 | 1  | 夹线弹簧      | TENSION SPRING              |    |
| 34  | S31032002 | 1  | 压线螺母      | TENSION NUT                 |    |
| 35  | S12441001 | 1  | 止动垫圈      | WASHER                      |    |
| 36  | 012500536 | 1  | 螺钉 M5X5   | SET SCREW SOCKET (FT) M5X5  |    |

M.切线装置 / Thread trimmer mechanism

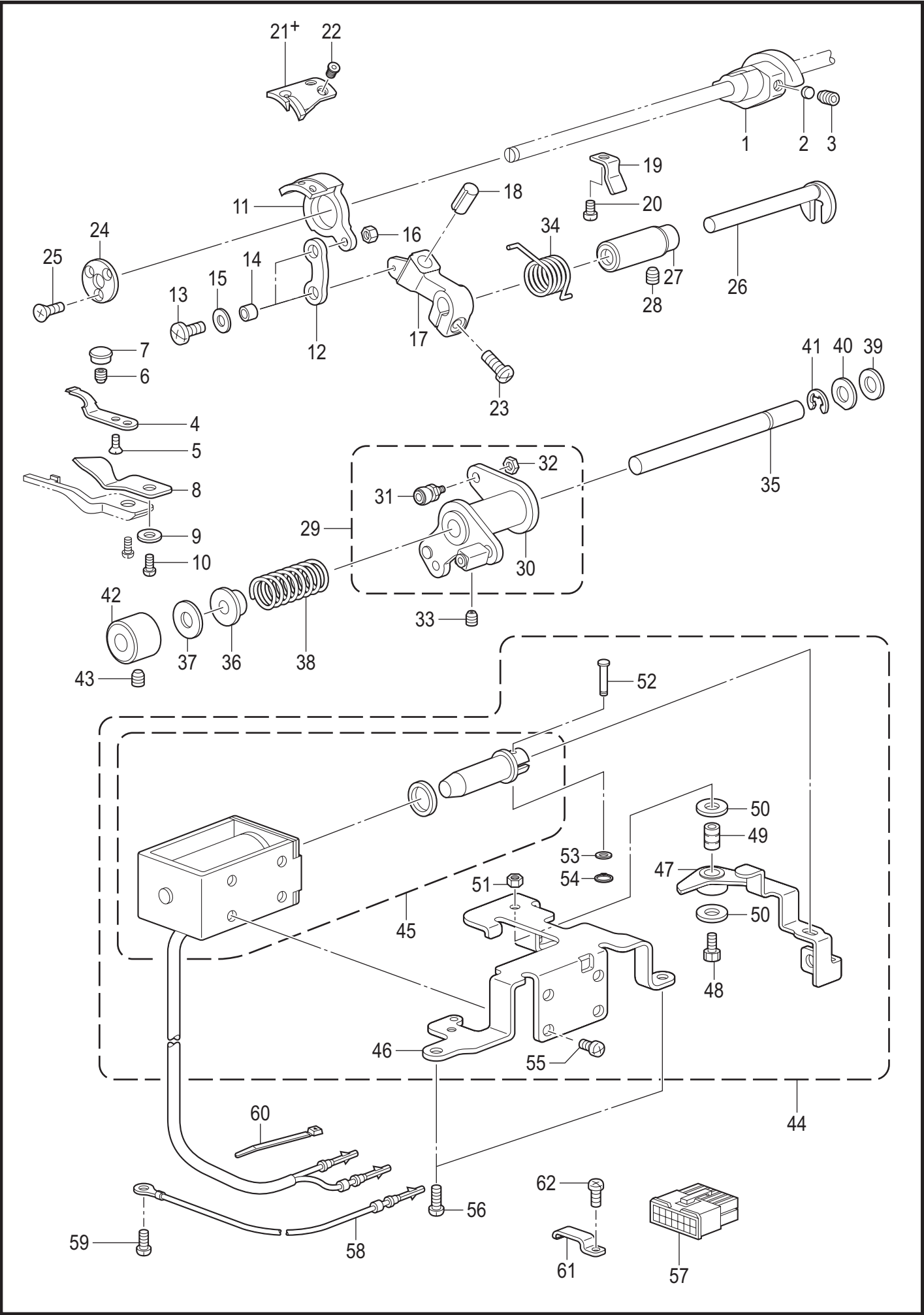


## M. 切线装置 / Thread trimmer mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称             | NAME OF PARTS                  | RM |
|-----|-----------|----|-------------------|--------------------------------|----|
| 1   | SA7552201 | 1  | 切线凸轮              | THREAD TRIMMER CAM             |    |
| 2   | 154567000 | 2  | 衬垫 5.3            | SPACER 5.3                     |    |
| 3   | 014771032 | 2  | 固定螺钉 SM6.35-40X10 | SET SCREW SOCKET SM6.35-40X10  |    |
| 4   | S45900101 | 1  | 固定刀               | FIXED KNIFE                    |    |
| 5   | 102843004 | 1  | 平头螺钉 SM3.57       | SCREW, FLAT SM3.57             |    |
| 6   | 012300632 | 1  | 螺钉 M3X6           | SET SCREW SOCKET (FT) M3X6     |    |
| 7   | 142274101 | 1  | 橡皮塞 4.2           | RUBBER CAP, 4.2                |    |
| 8   | 154569001 | 1  | 分线器               | LOWER THREAD FINGER            |    |
| 9   | 026040236 | 1  | 平垫圈 M4            | WASHER PLAIN M 4               |    |
| 10  | 062400616 | 1  | 螺钉 M4X6           | SCREW PAN M4X6                 |    |
| 11  | SA9643001 | 1  | 切线架               | HOLDER M-KNIFE                 |    |
| 12  | S25426101 | 1  | 切线连杆              | THREAD TRIMMER CONNECTING ROD  |    |
| 13  | 060401016 | 2  | 螺钉 M4X10          | SCREW BIND M4X10               |    |
| 14  | SA5329001 | 2  | 管套                | COLLAR                         |    |
| 15  | 100645003 | 2  | 垫圈                | WASHER                         |    |
| 16  | 021400306 | 2  | 六角螺母 M4           | NUT 3 M4                       |    |
| 17  | SA9755001 | 1  | 切线手杆              | THREAD TRIMMER LEVER           |    |
| 18  | SA7285101 | 1  | 手杆定位              | LEVER STOPPER                  |    |
| 19  | SA7341401 | 1  | 切线定位板             | THREAD TRIMMER STOPPER BASE    |    |
| 20  | 062400616 | 1  | 螺钉 M4X6           | SCREW PAN M4X6                 |    |
| 21+ | 159541001 | 1  | <用于-4□3><br>动刀    | <For -4□3><br>MOVABLE KNIFE    |    |
| 21+ | 159915001 | 1  | <用于-405><br>动刀 S  | <For -405><br>MOVABLE KNIFE, S |    |
| 22  | 148537101 | 2  | 螺钉 SM4.37         | SCREW, FLAT (W/SOCKET) SM4.37  |    |
| 23  | 062501416 | 1  | 螺钉 M5X14          | SCREW PAN M5X14                |    |
| 24  | SA7287001 | 1  | 切线架压板             | KNIFE HOLDER PRESSER PLATE     |    |
| 25  | 004301016 | 3  | 螺钉 M3X10          | SCREW FLAT M3X10               |    |
| 26  | S02647021 | 1  | 切刀驱动曲柄轴           | FORKED SHAFT                   |    |
| 27  | SA9710001 | 1  | 叉轴轴套              | FORKED SHAFT BUSG              |    |
| 28  | 012060536 | 1  | 螺钉 M6X5           | SET SCREW, SOCKET (FT) M6X5    |    |
| 29  | SA1362201 | 1  | 切线凸轮曲柄总组件         | THREAD TRIMMER LEVER UNIT      |    |
| 30  | SA1363001 | 1  | 切线凸轮曲柄组件          | THREAD TRIMMER LEVER ASSY      |    |
| 31  | SA2258101 | 1  | 碾轮轴C组件            | ROLLER SHAFT, C ASSY           |    |
| 32  | 105234003 | 1  | 螺母 SM4.37         | NUT SM4.37                     |    |
| 33  | S23651001 | 1  | 固定螺钉 M6X6         | SET SCREW SOCKET (FT) M6X6     |    |
| 34  | SA9371101 | 1  | 切线手杆弹簧            | THREAD TRIMMER LEVER SPRING    |    |
| 35  | 154593301 | 1  | 切刀驱动轴             | THREAD TRIMMER CAM LEVER SHAFT |    |
| 36  | 154594000 | 1  | 挡圈                | COLLAR                         |    |
| 37  | S25434000 | 1  | 橡皮垫圈              | RUBBER CUSHION                 |    |
| 38  | 154595001 | 1  | 切线凸轮复位弹簧          | SPRING, EXTENSION              |    |
| 39  | 154596000 | 1  | 减震垫圈              | CUSHION                        |    |
| 40  | 110367001 | 1  | 垫圈 8              | WASHER, PLAIN SPECIAL 8        |    |
| 41  | 048060342 | 1  | 挡圈 E6             | RETAINING RING E6              |    |
| 42  | SA1366101 | 1  | 凸轮曲柄轴套            | CAM LEVER SHAFT BUSH           |    |
| 43  | 012060536 | 1  | 螺钉 M6X5           | SET SCREW, SOCKET (FT) M6X5    |    |
| 44  | SA9713301 | 1  | 切线电磁铁组件           | THREAD TRIMMER SOLENOID ASSY   |    |
| 45  | SB2018001 | 1  | 切线电磁铁             | THREAD TRIMMER SOLENOID        |    |
| 46  | SA9715101 | 1  | 切线电磁铁台            | THREAD TRIMMER SOLENOID BASE   |    |
| 47  | SA9800101 | 1  | 电磁铁杆              | SOLENOID LEVER                 |    |
| 48  | 018062536 | 1  | 螺栓 M6X25          | BOLT SOCKET M6X25              |    |
| 49  | SA9801001 | 1  | 挡圈                | COLLAR                         |    |
| 50  | SA9827001 | 2  | 平垫圈               | WASHER PLAIN                   |    |
| 51  | 021060306 | 1  | 六角螺母 M6           | NUT 3 M6                       |    |
| 52  | SA9716001 | 1  | 销                 | PIN                            |    |
| 53  | 026050136 | 1  | 平垫圈 S5            | WASHER PLAIN S 5               |    |
| 54  | 048050142 | 1  | 轴用挡圈 C5           | RETAINING RING EXTERNAL C5     |    |
| 55  | 062400816 | 4  | 螺钉 M4X8           | SCREW PAN M4X8                 |    |
| 56  | 062501216 | 3  | 螺钉 M5X12          | SCREW PAN M5X12                |    |
| 57  | S38687000 | 1  | 插头 5557-14R       | CONNECTOR 5557-14R             |    |

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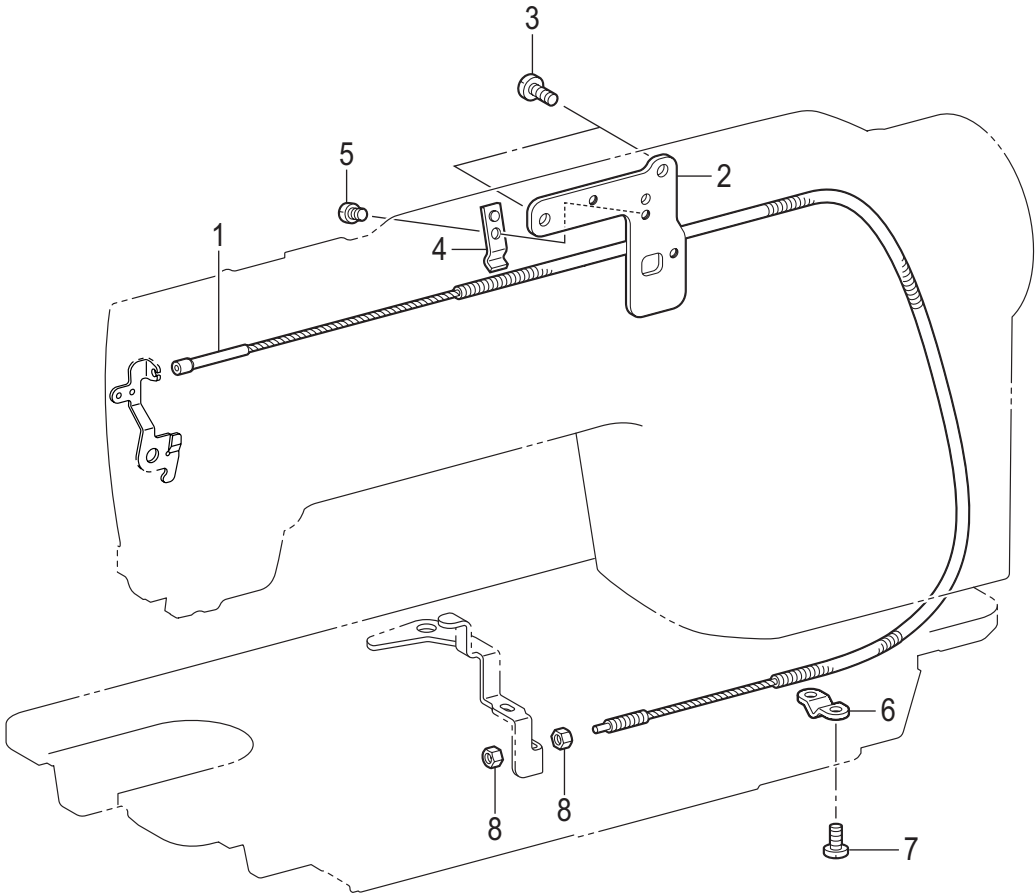
M.切线装置 / Thread trimmer mechanism



## M. 切线装置 / Thread trimmer mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称   | NAME OF PARTS    | RM |
|-----|-----------|----|---------|------------------|----|
| 58  | SA1998001 | 1  | 接地线组件   | GROUND WIRE ASSY |    |
| 59  | 062500816 | 1  | 螺钉 M5X8 | SCREW PAN M5X8   |    |
| 60  | S04159000 | 3  | 线夹1M    | BAND 1M          |    |
| 61  | SA1394101 | 1  | 线夹U3    | CORD HOLDER U3   |    |
| 62  | 062500816 | 1  | 螺钉 M5X8 | SCREW PAN M5X8   |    |

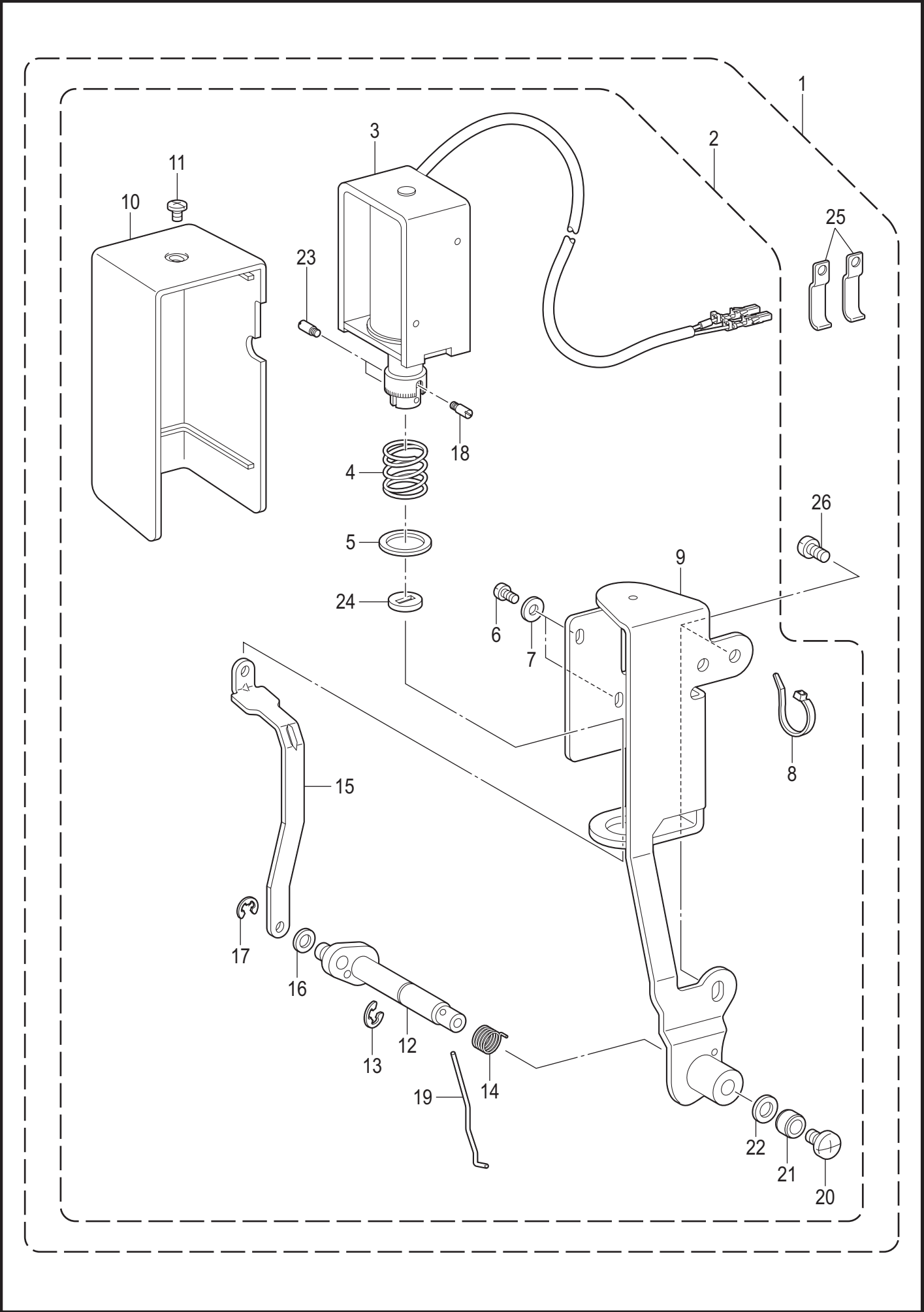
S-7220C-403



# N. 松线装置 / Tension release mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称     | NAME OF PARTS        | RM |
|-----|-----------|----|-----------|----------------------|----|
| 1   | SB0434001 | 1  | 松线电线      | TENSION RELEASE WIRE |    |
| 2   | SA7414101 | 1  | 钢绳固定板 U   | WIRE HOLDER U        |    |
| 3   | 062500816 | 2  | 螺钉 M5X8   | SCREW PAN M5X8       |    |
| 4   | SA1373001 | 1  | 线夹U       | WIRE HOLDER, U       |    |
| 5   | 060400516 | 1  | 螺钉 M4X5   | SCREW BIND M4X5      |    |
| 6   | 154607101 | 1  | 钢绳固定板D    | WIRE HOLDER D        |    |
| 7   | 060400816 | 2  | 螺钉 M4X8   | SCREW BIND M4X8      |    |
| 8   | 110161004 | 2  | 螺母 SM4.76 | NUT SM4.76           |    |

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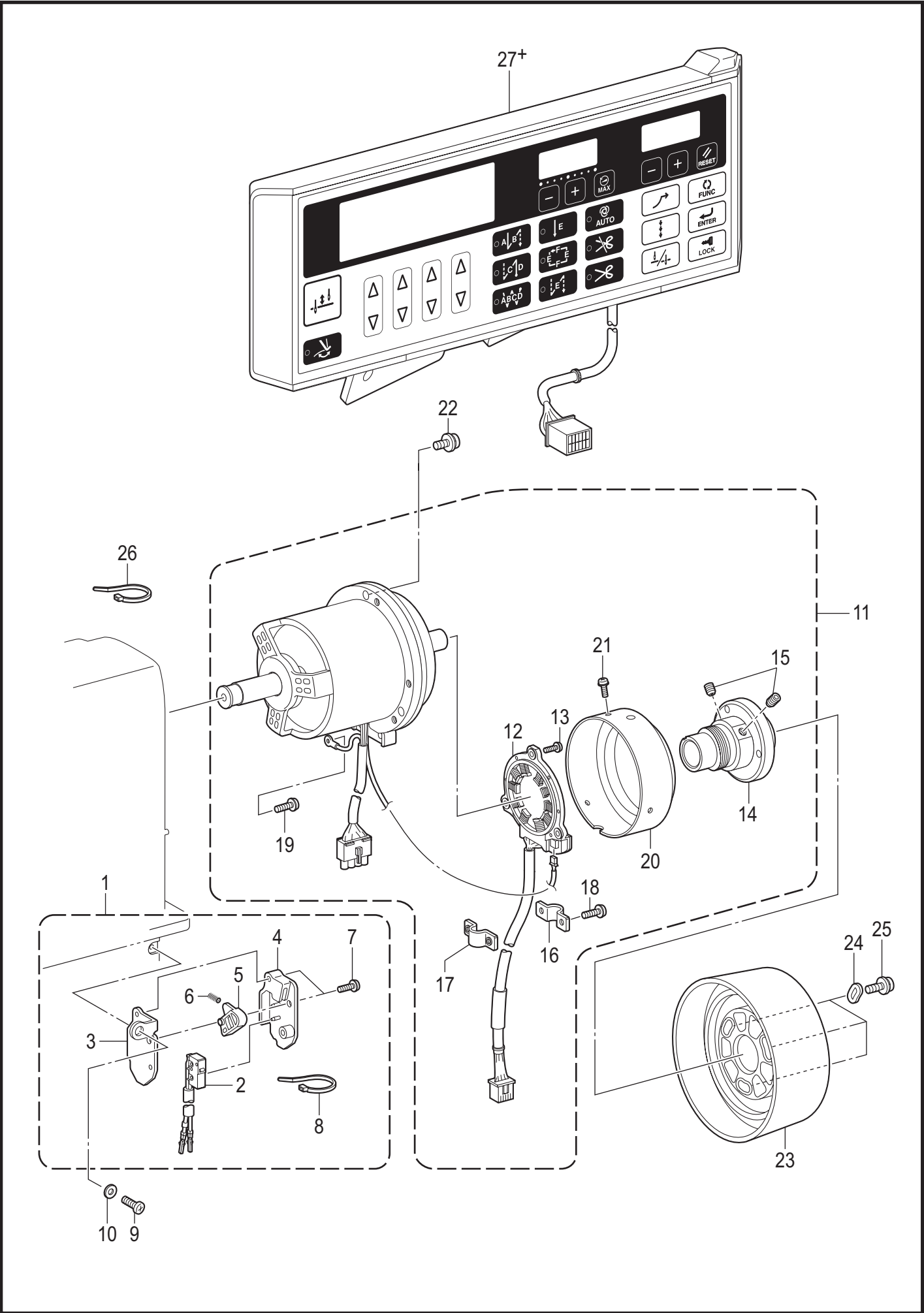


P. 扫线装置 / Thread wiper mechanism

| 参照号 | 零部件序号     | 数量 | 零部件名称   | NAME OF PARTS            | RM |
|-----|-----------|----|---------|--------------------------|----|
| 1   | SA9777002 | 1  | 扫线装置总组件 | THREAD WIPER SET         |    |
| 2   | SA9768102 | 1  | 扫线装置组件  | THREAD WIPER DEVICE ASSY |    |
| 3   | SB2084001 | 1  | 挡线电磁铁   | THREAD WIPER SOLENOID    |    |
| 4   | SA9771001 | 1  | 挡线弹簧    | THREAD WIPER SPRING      |    |
| 5   | S41205001 | 1  | 平垫圈     | WASHER, PLAIN            |    |
| 6   | 062300616 | 2  | 螺钉 M3X6 | SCREW PAN M3X6           |    |
| 7   | 026030136 | 2  | 平垫圈 S3  | WASHER PLAIN S 3         |    |
| 8   | S04159000 | 1  | 线夹1M    | BAND 1M                  |    |
| 9   | SA9356001 | 1  | 电磁铁底座   | THREAD WIPER BASE        |    |
| 10  | SA9773001 | 1  | 电磁铁罩    | SOLENOID COVER           |    |
| 11  | 060400516 | 1  | 螺钉 M4X5 | SCREW BIND M4X5          |    |
| 12  | SA9774001 | 1  | 扫线曲轴组件  | THREAD WIPER CRANK ASSY  |    |
| 13  | 048040342 | 1  | 挡圈 E4   | RETAINING RING E4        |    |
| 14  | SA9352001 | 1  | 弹簧      | WIPER SPRING             |    |
| 15  | SA9778101 | 1  | 扫线连杆    | THREAD WIPER ROD         |    |
| 16  | 110735002 | 1  | 垫圈      | WASHER                   |    |
| 17  | 048030342 | 1  | 挡圈 E3   | RETAINING RING E3        |    |
| 18  | S25456001 | 1  | 柱塞销     | PLUNGER PIN              |    |
| 19  | SB4244001 | 1  | 扫线杆     | THREAD WIPER             |    |
| 20  | 060400516 | 1  | 螺钉 M4X5 | SCREW BIND M4X5          |    |
| 21  | 146288021 | 1  | 挡线轴挡圈   | THREAD WIPER STUD COLLAR |    |
| 22  | SA8085001 | 1  | 垫圈      | WASHER                   |    |
| 23  | S25456001 | 2  | 柱塞销     | PLUNGER PIN              |    |
| 24  | S41207000 | 1  | 橡皮垫圈    | SPACER RUBBER            |    |
| 25  | SA1394101 | 2  | 线夹U3    | CORD HOLDER U3           |    |
| 26  | 062500816 | 2  | 螺钉 M5X8 | SCREW PAN M5X8           |    |

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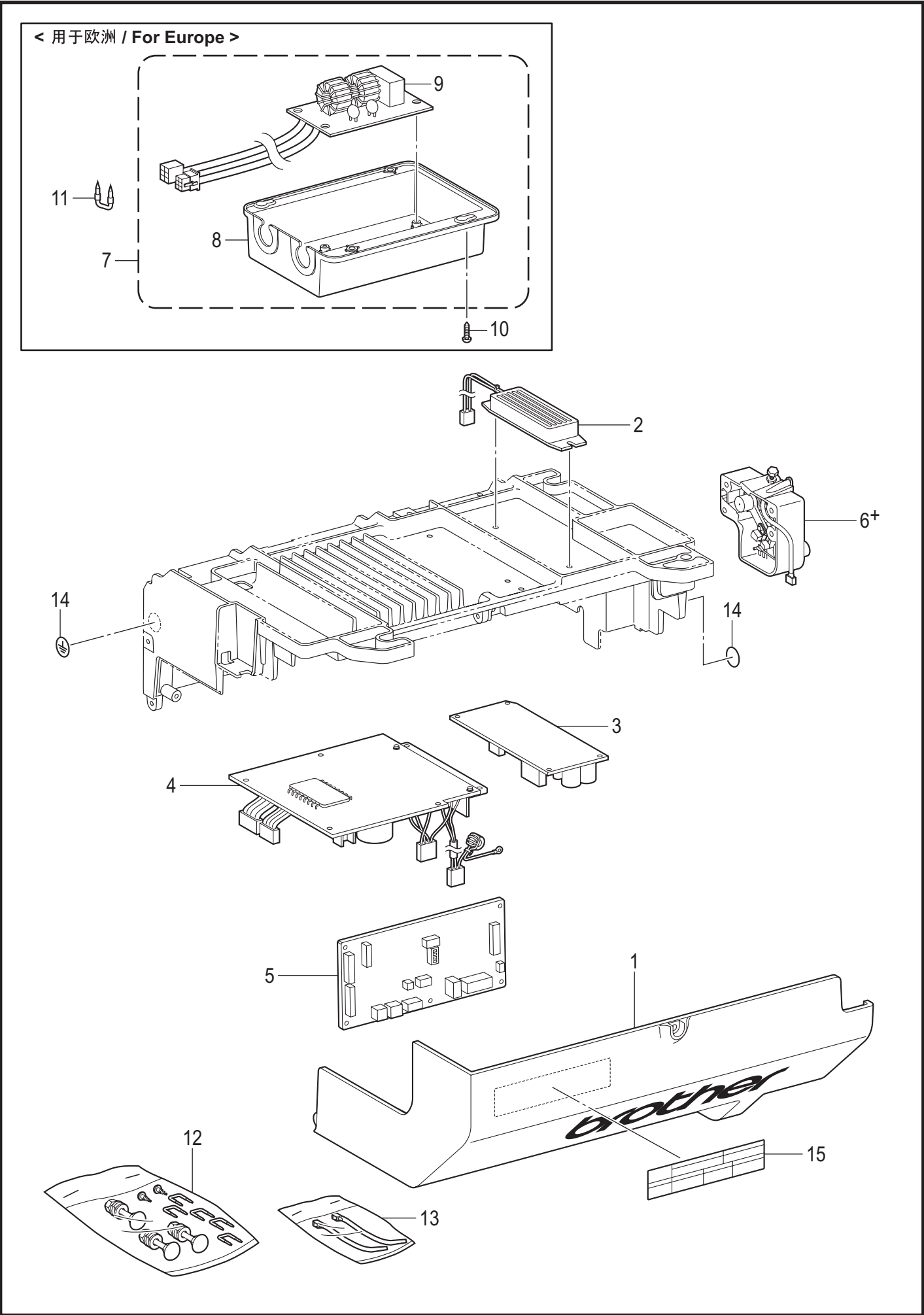
Q1. 操作盘和马达装置 / Operation panel and motor mechanism



# Q1. 操作盘和马达装置 / Operation panel and motor mechanism

| 参照号 | 零部件序号                | 数量 | 零部件名称                | NAME OF PARTS                        | RM |
|-----|----------------------|----|----------------------|--------------------------------------|----|
| 1   | SB0100001            | 1  | 安全开关组件               | SAFETY SWITCH ASSY                   |    |
| 2   | SA7325001            | 1  | 微处理开关组件              | MICRO SWITCH ASSY                    |    |
| 3   | SA7292101            | 1  | 开关基板                 | SAFETY SWITCH PLATE                  |    |
| 4   | SA9865001            | 1  | 开关基座                 | SAFETY SWITCH BASE                   |    |
| 5   | SA9866001            | 1  | 开关手柄                 | SAFETY SWITCH LEVER                  |    |
| 6   | SA9867001            | 1  | 开关弹簧                 | SAFETY SWITCH SPRING                 |    |
| 7   | SA7293001            | 2  | 螺钉(带垫圈) M3X12        | SCREW PAN (S/P W) M3X12              |    |
| 8   | S04159000            | 1  | 线夹1M                 | BAND 1M                              |    |
| 9   | 062060816            | 1  | 螺钉 M6X8              | SCREW PAN M6X8                       |    |
| 10  | 025060136            | 1  | 平垫圈 S6               | WASHER PLAIN S 6                     |    |
| 11  | SA9442001            | 1  | 备用马达(小)组件            | MOTOR S SUPPLY                       |    |
| 12  | SA9437001            | 1  | 传感定子组件               | RESOLVER STATOR ASSY                 |    |
| 13  | 0A4301206            | 3  | 螺钉(带垫圈) M3X12DA      | SCREW PAN (S/P WASHER) M3X12         |    |
| 14  | SA9443001            | 1  | 上轮保持架(S)组件           | PULLEY HOLDER S ASSY                 |    |
| 15  | 012501032            | 2  | 螺钉 M5X10             | SET SCREW SOCKET (FT) M5X10          |    |
| 16  | SA9447001            | 1  | 线夹A                  | CORD HOLDER A                        |    |
| 17  | SA9448001            | 1  | 线夹B                  | CORD HOLDER B                        |    |
| 18  | 0A4401606            | 2  | 螺钉(带垫圈) M4X16DA      | SCREW PAN (S/P WASHER) M4X16         |    |
| 19  | 0A4401006            | 1  | 螺钉(带垫圈) M4X10DA      | SCREW PAN (S/P WASHER) M4X10         |    |
| 20  | SA9449001            | 1  | 传感定子罩                | RESOLVER COVER                       |    |
| 21  | 0A4300806            | 3  | 螺钉(带垫圈) M3X8DA       | SCREW PAN (S/P WASHER) M3X8          |    |
| 22  | SA9856001            | 3  | 螺钉 M5X20             | SCREW PAN M5X20                      |    |
| 23  | SA9384001            | 1  | 手轮                   | PULLEY                               |    |
| 24  | SA9452001            | 3  | 上轮垫圈                 | PULLEY WASHER                        |    |
| 25  | 060501016            | 3  | 螺钉 M5X10             | SCREW BIND M5X10                     |    |
| 26  | S04159000            | 2  | 线夹1M                 | BAND 1M                              |    |
| 27+ | BMP206A-1100000-JG50 |    | <用于日本><br>G50操作盘(JA) | <For Japan only><br>G-50-PANEL-JAPAN |    |
| 27+ | BMP206A-1100000-CG50 |    | <用于中国><br>G50操作盘(CH) | <For China only><br>G-50-PANEL-CHINA |    |
| 27+ | BMP206A-1100000-EG50 |    | <用于欧洲><br>G50操作盘(EU) | <For Europe only><br>G-50-PANEL-EU   |    |
| 27+ | BMP206A-1100000-OG50 |    | <用于一般出口><br>G50操作盘   | <For General export><br>G-50-PANEL   |    |

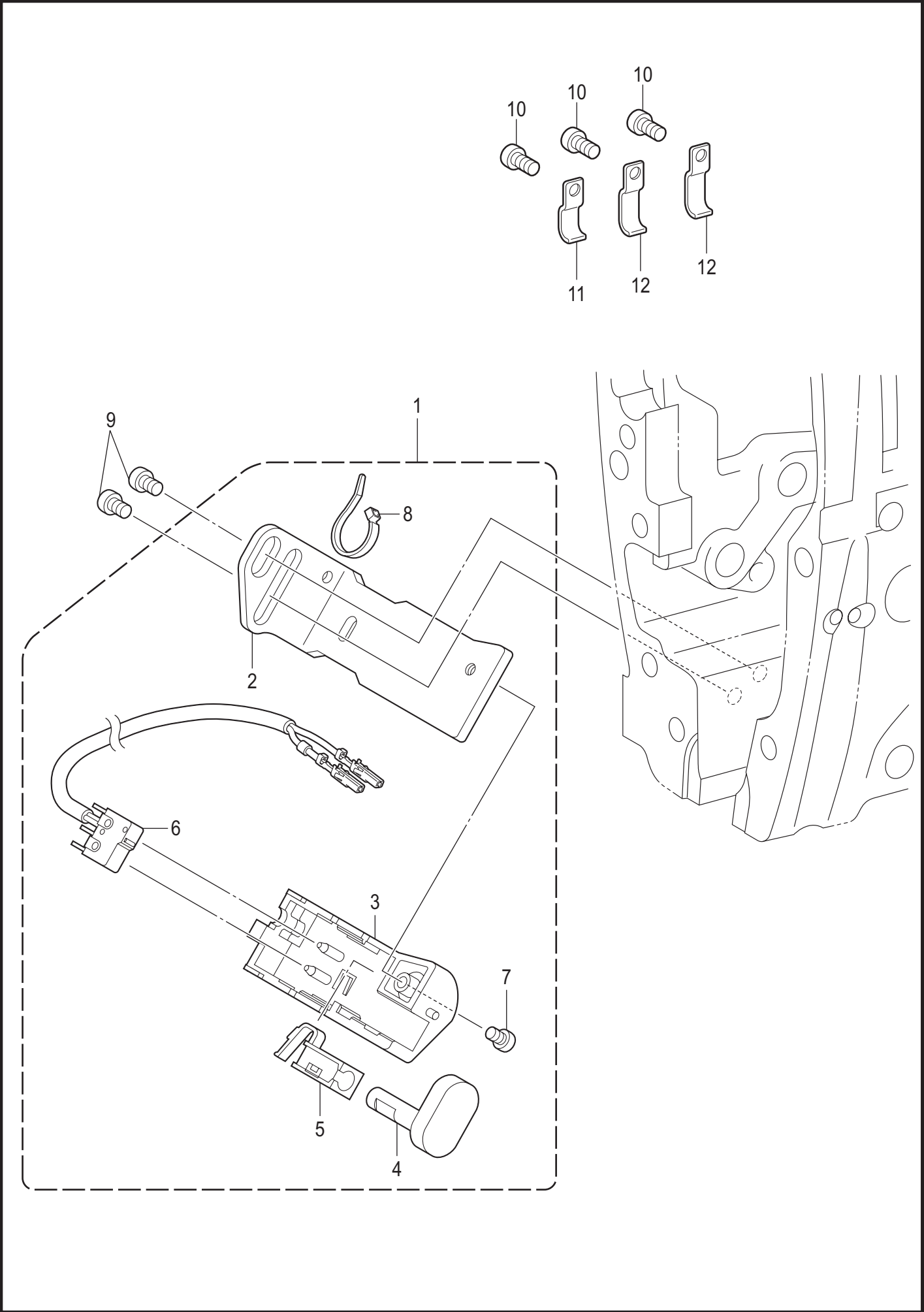
Q2. 控制箱 / Control box



## Q2. 控制箱 / Control box

| 参照号 | 零部件序号     | 数量 | 零部件名称                       | NAME OF PARTS                                              | RM |
|-----|-----------|----|-----------------------------|------------------------------------------------------------|----|
| 1   | SA9546001 | 1  | 箱盖7200C                     | BOX COVER 7200C                                            |    |
| 2   | SA9549001 | 1  | 电阻组件 R60/220                | CEMENT RESISTOR ASSY 60/220                                |    |
| 3   | SA9727001 | 1  | SW电源基板组件                    | SW POWER PCB ASSY                                          |    |
| 4   | SA9553001 | 1  | D基板组件(驱动用)                  | D PCB ASSY                                                 |    |
| 5   | SB2903101 | 1  | S基板组件(控制用)                  | S PCB ASSY                                                 |    |
| 6+  | SA9587101 | 1  | <前和后各一档规格><br>踏板控制器组件(日本规格) | <Type forward 1 step, backward 1 step><br>TREADLE UNIT -DM |    |
| 6+  | SA9602101 | 1  | <前和后各二挡规格><br>踏板控制器组件(海外规格) | <Type forward 2 step, backward 2 step><br>TREADLE UNIT -EX |    |
| 7   | SB4593001 | 1  | <用于欧洲><br>CE滤波器组件           | <For Europe><br>CE FILTER BOX ASSY                         |    |
| 8   | SA9564001 | 1  | CE滤波器座罩                     | CE FILTER CASE                                             |    |
| 9   | SB4594001 | 1  | CE滤波器基板组件                   | CE FILTER PCB ASSY                                         |    |
| 10  | 032461606 | 4  | 木螺钉 M4.5X16                 | WOOD SCREW ROUND 2 M4.5X16                                 |    |
| 11  | 200190001 | 5  | U形卡钉                        | STAPLE 10X20                                               |    |
| 12  | J04210101 | 1  | 螺钉一组 M8X65                  | BOLT ASSY SQUARE M8X65                                     |    |
| 13  | SA9894001 | 1  | 电线固定夹组件                     | REPEATE CABLE TIE ASSY                                     |    |
| 14  | S37060001 | 2  | 接地标记                        | LABEL, GROUNDING                                           |    |
| 15  | SA9725001 | 1  | 感电标签 36 X 150               | LABEL ELECTRICAL SHOCK 36 X 150                            |    |

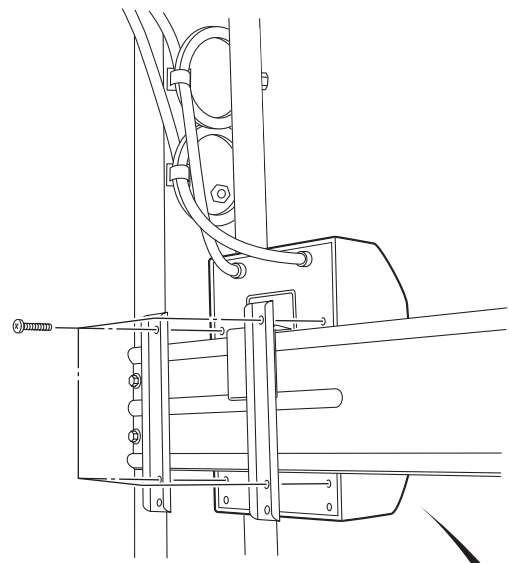
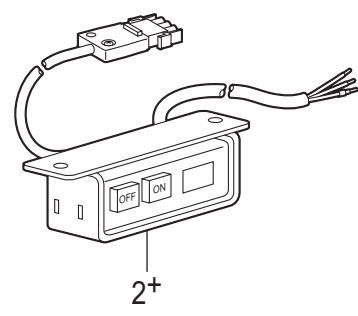
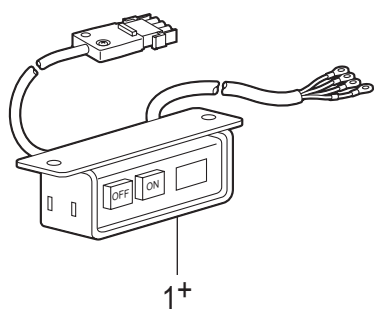
S-7220C-502



## R. 倒缝开关装置 / Quick reverse switch mechanism

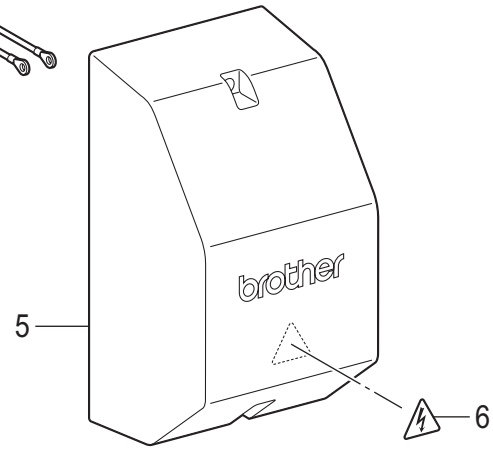
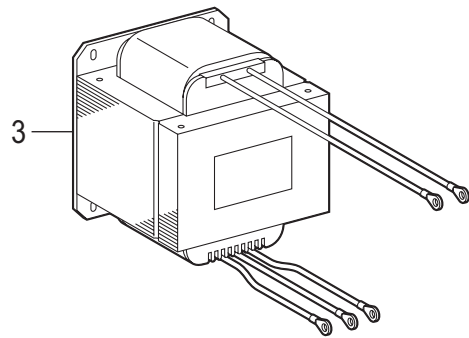
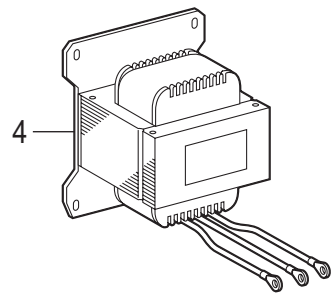
| 参照号 | 零部件序号     | 数量 | 零部件名称   | NAME OF PARTS          | RM |
|-----|-----------|----|---------|------------------------|----|
| 1   | SB4222001 | 1  | R调节器组件  | R-ACTUATOR ASSY        |    |
| 2   | SB4178001 | 1  | 开关安装板   | SWITCH SETTING BASE    |    |
| 3   | SA9723001 | 1  | 倒缝开关基体  | REVERSE SWITCH BRACKET |    |
| 4   | SA4098201 | 1  | 按钮      | ACTUATOR               |    |
| 5   | SA9724001 | 1  | 倒缝开关弹簧  | REVERSE SWITCH SPRING  |    |
| 6   | SA1390001 | 1  | R开关组件   | R-SWITCH ASSY          |    |
| 7   | 060300606 | 1  | 螺钉 M3X6 | SCREW BIND M3X6        |    |
| 8   | S04159000 | 1  | 线夹1M    | BAND 1M                |    |
| 9   | 062500816 | 2  | 螺钉 M5X8 | SCREW PAN M5X8         |    |
| 10  | 062500816 | 3  | 螺钉 M5X8 | SCREW PAN M5X8         |    |
| 11  | SA1388101 | 1  | 线夹      | CORD HOLDER            |    |
| 12  | SA1394101 | 2  | 线夹U3    | CORD HOLDER U3         |    |

S-7220C-508



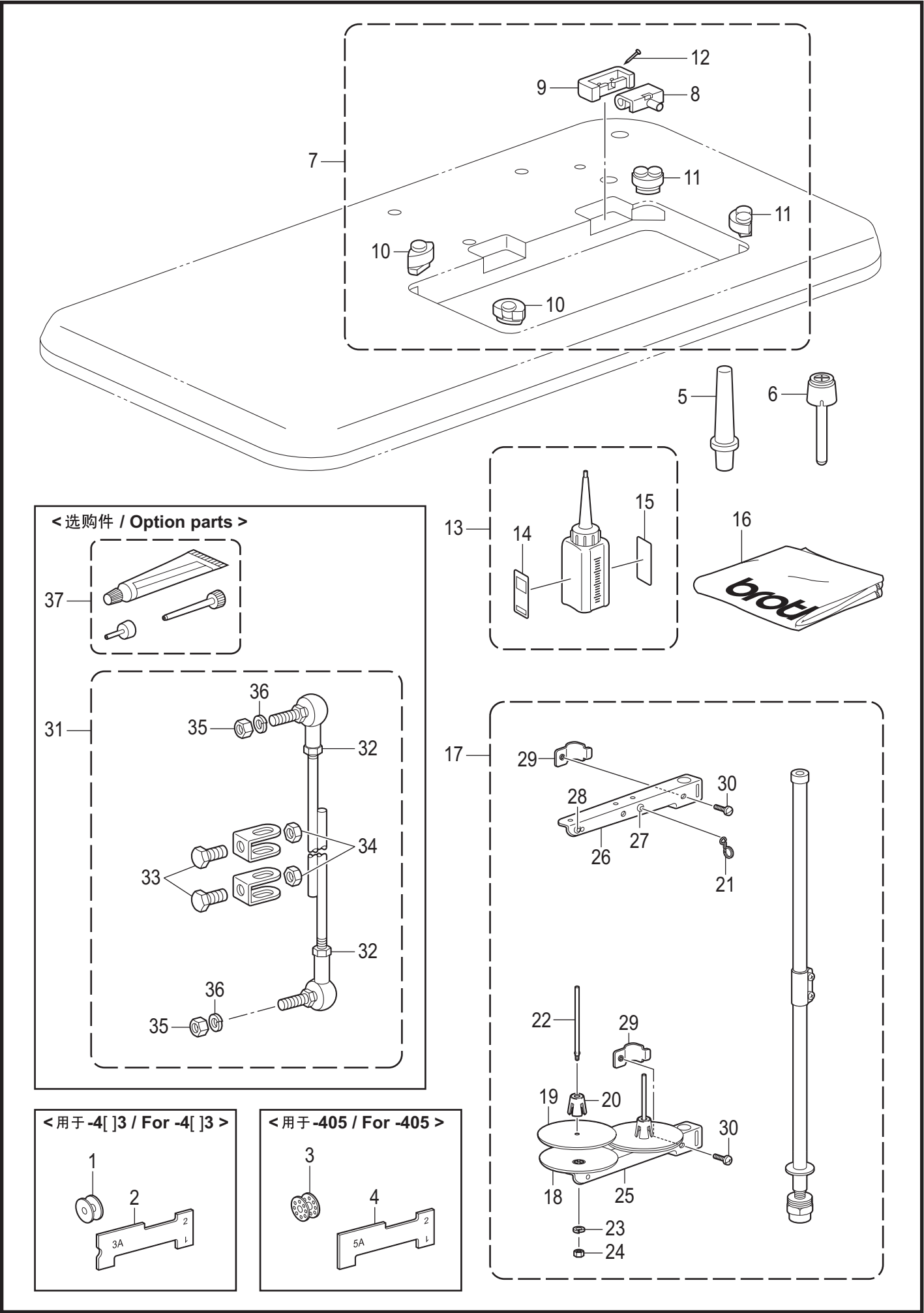
< 用于 三相 380V / 400V  
For Three phase 380V / 400V >

< 用于 单相 100V / 110V  
For Single phase 100V / 110V >



## S. 电气部品 / Power supply equipment

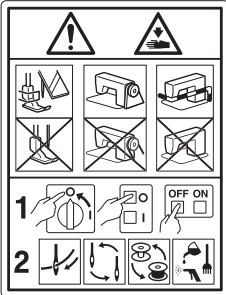
| 参照号 | 零部件序号                | 数量 | 零部件名称                                    | NAME OF PARTS                                                                       | RM |
|-----|----------------------|----|------------------------------------------|-------------------------------------------------------------------------------------|----|
| 1+  | SA9616001            | 1  | <用于三相 200V AC><br><用于日本><br>电源开关组件 SJT   | <For Three phase 200V AC><br><For Japan><br>POWER SWITCH ASSY SJT                   |    |
| 1+  | SA9831001            | 1  | <用于三相 220V AC><br><用于美洲><br>电源开关组件 SJT#2 | <For Three phase 220V AC><br><For the Americas><br>POWER SWITCH ASSY SJT#2          |    |
| 2+  | SA9535001            | 1  | <用于单相 220V AC><br><用于一般亚洲><br>电源开关组件CCC  | <For Single phase 220V AC><br><For General of Asia><br>POWER SUPPLY SWITCH ASSY CCC |    |
| 2+  | BMP3010-0000001-3S00 | 1  | <用于单相 220V AC><br><用于中国><br>电源开关组件 CCC#2 | <For Single phase 220V AC><br><For China><br>POWER SUPPLY SWITCH ASSY CCC#2         |    |
| 3   | SA9923001            | 1  | <用于单相 100V/110V><br>变压器100/110/220V      | <For Single phase 100V/110V><br>TRANSFORMER 100/110/220V                            |    |
| 4   | SA9901001            | 1  | <用于三相 380V/400V><br>变压器400/230V          | <For Three phase 380V/400V><br>TRANSFORMER 400/230V                                 |    |
| 5   | SA9896001            | 1  | 变压器罩盖                                    | TR BOX COVER                                                                        |    |
| 6   | SA9914001            | 1  | 感电标签 25 X 28                             | LABEL ELECTRICAL SHOCK 25 X 28                                                      |    |



## Z. 附件 / Accessories

| 参照号 | 零部件序号     | 数量 | 零部件名称          | NAME OF PARTS                         | RM |
|-----|-----------|----|----------------|---------------------------------------|----|
| 1   | 146290001 | 1  | <用于-4□3><br>梭芯 | <For -4□3><br>BOBBIN                  |    |
| 2   | SA7453201 | 1  | 相遇工夹具          | TIMING GAUGE                          |    |
| 3   | 117132001 | 1  | <用于-405><br>梭芯 | <For -405><br>BOBBIN                  |    |
| 4   | SA7454301 | 1  | 相遇工夹具          | TIMING GAUGE                          |    |
| 5   | S06055009 | 1  | 机头撑杆 S         | HEAD REST, S                          |    |
| 6   | SB3831001 | 1  | 膝控提升顶杆         | KNEE LIFTER COMPLYING BAR             |    |
| 7   | SA1969001 | 1  | 橡胶铰链组件         | RUBBER HINGE ASSY                     |    |
| 8   | 143882001 | 2  | 机头铰链           | HEAD HINGE                            |    |
| 9   | 143910009 | 2  | 机头铰链套          | RUBBER CUSHION                        |    |
| 10  | SA1962001 | 2  | 头部防震垫          | HEAD CUSHION...<For left side>        |    |
| 11  | SA1963001 | 2  | 头部防震垫          | HEAD CUSHION...<For right side>       |    |
| 12  | 109714000 | 4  | 钉              | NAIL                                  |    |
| 13  | SA8239202 | 1  | 油壶组件           | OIL TANK ASSY                         |    |
| 14  | SB1270001 | 1  | 油壶警示标贴 英文      | OIL WARNING LABEL EN                  |    |
| 15  | SB1271001 | 1  | 油壶警示标贴 日文      | OIL WARNING LABEL JP                  |    |
| 16  | 144226001 | 1  | 机头罩            | HEAD COVER                            |    |
| 17  | S02763602 | 1  | 线架组件 2DR       | COTTON STAND ASSY 2DR                 |    |
| 18  | S51283001 | 2  | 垫圈             | SPOOL STAND BASE                      |    |
| 19  | 150182000 | 2  | 线盘软垫           | SPOOL MAT                             |    |
| 20  | S51282101 | 2  | 线轴缓冲架          | SPOOL CUSHION                         |    |
| 21  | S02747101 | 1  | 弹簧             | SPRING                                |    |
| 22  | 150179002 | 2  | 线轴 B           | SPOOL SHAFT B                         |    |
| 23  | 028050243 | 2  | 弹簧垫圈 2-5       | WASHER, SPRING 2-5                    |    |
| 24  | 021500203 | 2  | 螺母 M5          | NUT, 2 M5                             |    |
| 25  | SA6607001 | 1  | 过线架 2          | SPOOL HOLDER 2                        |    |
| 26  | SA6607001 | 1  | 过线架 2          | SPOOL HOLDER 2                        |    |
| 27  | 150183000 | 2  | 过线管套           | THREAD HANGER BASE                    |    |
| 28  | 142990001 | 2  | 过线架上过线管        | THREAD BUSH                           |    |
| 29  | SA6609001 | 2  | 过线架定位          | SPOOL HOLDER SUPPORTER                |    |
| 30  | 062061603 | 2  | 螺钉 M6X16       | SCREW PAN M6X16                       |    |
| 31  | S40765001 | 1  | <选购件><br>连杆组件  | <Option parts><br>CONNECTING ROD ASSY |    |
| 32  | 021060103 | 2  | 螺母 M6          | NUT 1 M6                              |    |
| 33  | 017081603 | 2  | 螺栓 M8X16       | BOLT M8X16                            |    |
| 34  | 021080103 | 2  | 螺母 M8          | NUT 1 M8                              |    |
| 35  | S36119021 | 2  | 螺母 M6          | NUT 1 M6                              |    |
| 36  | S36121021 | 2  | 弹簧垫圈 2-6       | WASHER SPRING 2-6                     |    |
| 37  | SA8837001 | 1  | 润滑脂组           | GREASE UNIT                           |    |

Wa. 警告标签 / Warning labels

| 警告标签 / Warning labels                                                               | 零部件名称 / Name of parts                               | 尺寸 / Size(mm) | 零部件序号 / Code |
|-------------------------------------------------------------------------------------|-----------------------------------------------------|---------------|--------------|
|     | 感电标签 36 X 150<br>Label electrical shock<br>36 X 150 | 36 X 150      | SA9725-001   |
|    | 感电标签 25 X 28<br>Label electrical shock<br>25 X 28   | L=28.4        | SA9914-001   |
|   | 操作注意标签<br>Label caution                             | 56 X 43       | SA9826-001   |
|  | 警告标记<br>Injury mark                                 | L=16          | SA9957-001   |
|  | 警告标记<br>Injury mark                                 | L=25          | SA9957-002   |
|  | 接地标记<br>Label, grounding                            | φ 12          | S37060-001   |

Wa. 警告标签 / Warning labels

| 警告标签 / Warning labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 零部件名称 / Name of parts             | 尺寸 / Size(mm) | 零部件序号 / Code |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|--------------|
| <div><div><div>brother</div><div>ミシン用潤滑油</div></div><div><div>▲ 注意</div><div>目に入ったり皮膚につくと、炎症を起こすことがある。保護めがね、手袋を使うこと。</div><div>飲み込むと、下痢、嘔吐する。飲み込まないこと。</div><div>●子供の手の届かない所に置いてください。</div><div>●目に入った場合は、清浄な水で15分間洗浄し、医師の診断を受けてください。</div><div>●皮膚に触れた場合は、水と石けんで十分に洗ってください。</div><div>●飲み込んだ場合は、無理に吐かせずに、直ちに医師の診断を受けてください。</div><div>第4類 第3石油類<br/>危険等級III 火気厳禁</div></div></div>                                                                                                                                                                                 | 油壶警示标贴 日文<br>Oil warning label JP | 68 X 30       | SB1271-001   |
| <div><div><div>brother</div><div>Lubricating Oil for Machining</div></div><div><div>▲ CAUTION</div><div>Lubricating oil may cause inflammation to eye and skin. Wear protective glasses and gloves.</div><div>Swallowing oil can cause diarrhoea and vomiting. Do not swallow.</div><div>Keep away from children.</div><div>FIRST AID</div><div>Eye contact :<br/>-Rinse with plenty of cold water.<br/>-Seek medical help.</div><div>Skin contact :<br/>-Wash with soap and water.</div><div>If swallowed :<br/>-Seek medical help immediately.</div></div></div> | 油壶警示标贴 英文<br>Oil warning label EN | 68 X 30       | SB1270-001   |

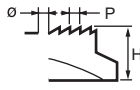
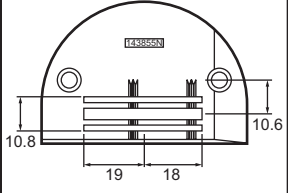
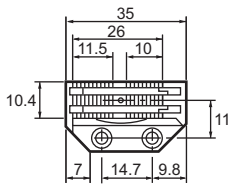
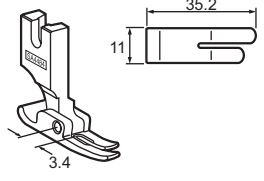
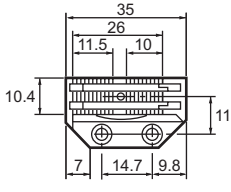
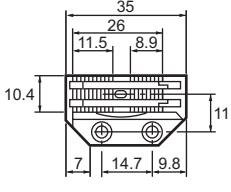
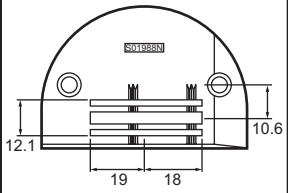
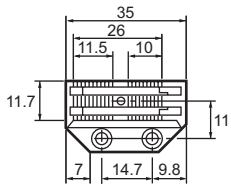
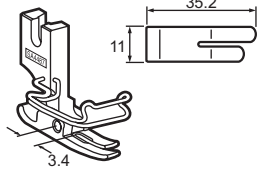
Sp. 不同规格零部件一览表 / Different parts list

| 发送 / Destination | REF.NO | 零部件名称 / Name of parts           | 规格 / Specification             |                              |
|------------------|--------|---------------------------------|--------------------------------|------------------------------|
|                  |        |                                 | -403, 433                      | -405                         |
|                  |        |                                 | 中厚布料 / Medium-weight materials | 厚布料 / Heavy-weight materials |
| 日本 / For Japan   | B1-23+ | 针杆 / Needle bar                 | SA7449101                      | SA7450101                    |
|                  | B1-24+ | 机针 / Needle                     | DBX1 (#14)                     | DBX1 (#22)                   |
|                  | B1-33+ | 针板 (DBX1) / Needle plate (DBX1) | 143855001                      | 148842001                    |
|                  | D-2+   | 弹簧 / Presser bar spring         | S13561101                      | 141728001                    |
|                  | D-10+  | 压脚组件 / Presser foot assy        | SA4484001                      | SA4489001                    |
|                  | E-82+  | 送布牙 / Feed dog                  | 159521001                      | 159525001                    |
|                  | H-16+  | 旋梭定位钩 / Hook stopper            | SA7830001                      | SA7829001                    |
|                  | H-17+  | 旋梭盒组件 / Rotary hook assy, w/box | SB1305001                      | SB1677001                    |
|                  | H-18   | 梭芯 / Bobbin                     | 146290001                      | ---                          |
|                  | H-19   | 梭芯 / Bobbin                     | ---                            | 117132001                    |

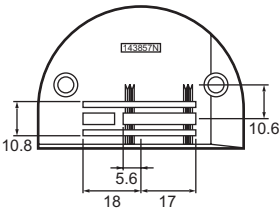
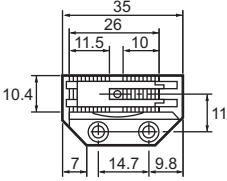
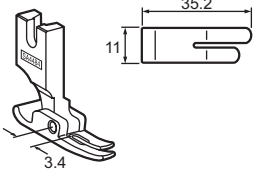
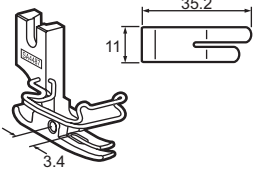
| 发送 / Destination                                       | REF.NO | 零部件名称 / Name of parts           | 规格 / Specification             |                              |
|--------------------------------------------------------|--------|---------------------------------|--------------------------------|------------------------------|
|                                                        |        |                                 | -403, 433                      | -405                         |
|                                                        |        |                                 | 中厚布料 / Medium-weight materials | 厚布料 / Heavy-weight materials |
| 美国, 中国<br>及一般出口 / For<br>USA, China,<br>General export | B1-23+ | 针杆 / Needle bar                 | SA7449101                      | SA7450101                    |
|                                                        | B1-24+ | 机针 / Needle                     | DBX1 (#14)                     | DBX1 (#22)                   |
|                                                        | B1-33+ | 针板 (DBX1) / Needle plate (DBX1) | 143855001                      | S13101001                    |
|                                                        | D-2+   | 弹簧 / Presser bar spring         | S13561101                      | 141728001                    |
|                                                        | D-10+  | 压脚组件 / Presser foot assy        | SA4484001                      | SA4489001                    |
|                                                        | E-82+  | 送布牙 / Feed dog                  | 159521001                      | S13102101                    |
|                                                        | H-16+  | 旋梭定位钩 / Hook stopper            | SA7830001                      | SA7829001                    |
|                                                        | H-17+  | 旋梭盒组件 / Rotary hook assy, w/box | SB1305001                      | SB1677001                    |
|                                                        | H-18   | 梭芯 / Bobbin                     | 146290001                      | ---                          |
|                                                        | H-19   | 梭芯 / Bobbin                     | ---                            | 117132001                    |

| 发送 / Destination                   | REF.NO | 零部件名称 / Name of parts           | 规格 / Specification             |                              |
|------------------------------------|--------|---------------------------------|--------------------------------|------------------------------|
|                                    |        |                                 | -403, 433                      | -405                         |
|                                    |        |                                 | 中厚布料 / Medium-weight materials | 厚布料 / Heavy-weight materials |
| 欧洲和加拿大 /<br>For Europe &<br>Canada | B1-23+ | 针杆 / Needle bar                 | SA7450101                      | SA7450101                    |
|                                    | B1-24+ | 机针 / Needle                     | DPX5 (#14)                     | DPX5 (#22)                   |
|                                    | B1-33+ | 针板 (DBX5) / Needle plate (DBX5) | 143855001                      | S13101001                    |
|                                    | D-2+   | 弹簧 / Presser bar spring         | S13561101                      | 141728001                    |
|                                    | D-9+   | 压脚组件 / Presser foot assy        | SA8110001                      | SA8111001                    |
|                                    | E-82+  | 送布牙 / Feed dog                  | 159521001                      | S13102101                    |
|                                    | H-16+  | 旋梭定位钩 / Hook stopper            | SA7830001                      | SA7829001                    |
|                                    | H-17+  | 旋梭盒组件 / Rotary hook assy, w/box | SB1305001                      | SB1677001                    |
|                                    | H-18   | 梭芯 / Bobbin                     | 146290001                      | ---                          |
|                                    | H-19   | 梭芯 / Bobbin                     | ---                            | 117132001                    |

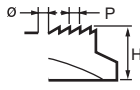
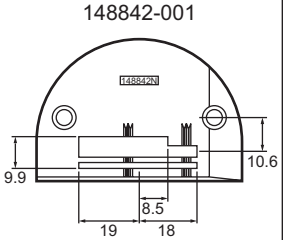
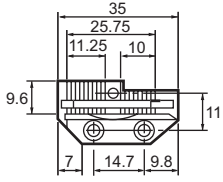
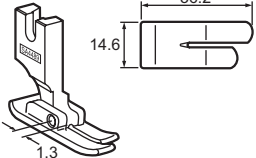
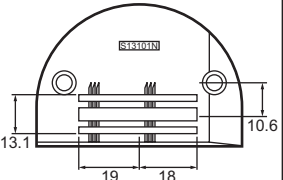
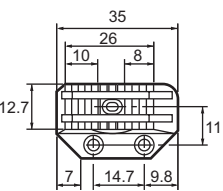
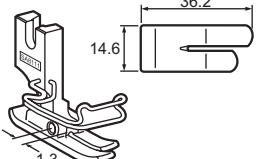
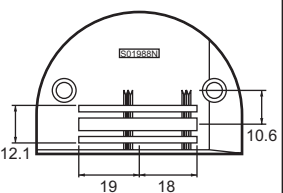
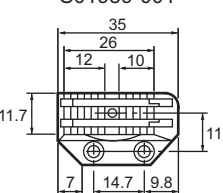
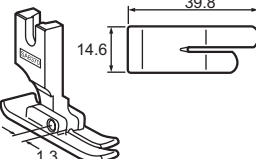
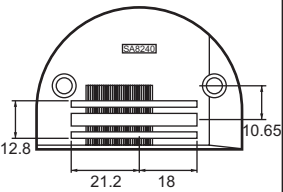
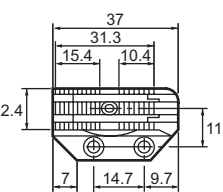
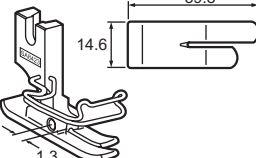
Ga . 工模具一览表 / Gauge parts list

| 规格<br>Specification               | 针板<br>Needle plate |                                                                                                   |     | 送布牙<br>Feed dog                                                                                   |  |                                                                                       |   | 压脚组件<br>Presser foot assy                                                                           |
|-----------------------------------|--------------------|---------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------|
|                                   | 记号<br>Mark         |                                                                                                   | T   |                                                                                                   | P                                                                                   | ø                                                                                     | H |                                                                                                     |
| 用于中厚布料<br>Medium-weight materials | 143855N            | 143855-001<br>   | 3.2 | S03357-001<br>   | 1.15                                                                                | ø1.4                                                                                  | 7 | SA4484-001<br>   |
|                                   |                    |                                                                                                   |     | 159521-001<br>   |                                                                                     | ø2                                                                                    |   |                                                                                                     |
|                                   |                    |                                                                                                   |     | 159522-001<br> |                                                                                     |  |   |                                                                                                     |
|                                   | S01988N            | S01988-001<br> | 3.2 | 159914-001<br> |                                                                                     | ø2.1                                                                                  |   | SA8110-001<br> |

Ga . 工模具一览表 / Gauge parts list

| 规格<br>Specification               | 针板<br>Needle plate |                                                                                                         |     | 送布牙<br>Feed dog                                                                                         |      |    |   | 压脚组件<br>Presser foot assy                                                                                   |
|-----------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------|------|----|---|-------------------------------------------------------------------------------------------------------------|
|                                   | 记号<br>Mark         |                                                                                                         | T   |                                                                                                         | P    | ø  | H |                                                                                                             |
| 用于中厚布料<br>Medium-weight materials | 143857N            | <div>143857-001</div>  | 3.2 | <div>159523-001</div>  | 1.15 | ø2 | 7 | <div>SA4484-001</div>    |
|                                   |                    |                                                                                                         |     |                                                                                                         |      |    |   | <div>SA8110-001</div>  |

Ga . 工模具一览表 / Gauge parts list

| 规格<br>Specification             | 针板<br>Needle plate |                                                                                     |     | 送布牙<br>Feed dog                                                                                   |  |                          |   | 压脚组件<br>Presser foot assy                                                                           |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------|---|-----------------------------------------------------------------------------------------------------|
|                                 | 记号<br>Mark         |                                                                                     | T   |                                                                                                   | P                                                                                   | ø                        | H |                                                                                                     |
| 用于厚布料<br>Heavy-weight materials | 148842N            |    | 3.2 | 159525-001<br>   | 1.25                                                                                | $\Phi$ 2.8<br>$\Phi$ 2.8 | 7 | SA4489-001<br>   |
|                                 | S13101N            |   | 3.2 | S13102-101<br>  | 2.0                                                                                 | $\Phi$ 2.4<br>$\Phi$ 3.6 |   | SA8111-001<br>  |
|                                 | S01988N            |  | 3.2 | S01989-001<br> | 2.0                                                                                 | $\Phi$ 2.4<br>$\Phi$ 2.4 |   |                |
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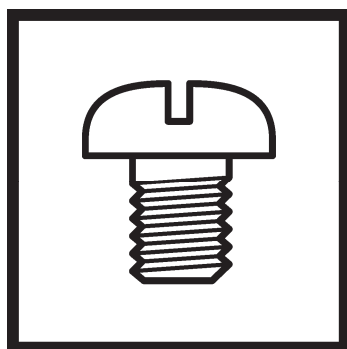
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| 012060536 | C - 32  | 10   | 021400306 | M - 16  | 34   |           | L - 30  | 32   |           | C - 34  | 10   |
|           | C - 36  | 10   | 021500203 | Z - 24  | 50   | 062500816 | C - 66  | 12   | 114561001 | B1 - 36 | 4    |
|           | C - 41  | 10   | 025040232 | D - 23  | 14   |           | E - 18  | 16   | 116112001 | K - 11  | 30   |
|           | C - 42  | 10   | 025040332 | J - 52  | 26   |           | E - 104 | 18   | 116922101 | K - 28  | 30   |
|           | E - 33  | 16   | 025060136 | B2 - 8  | 8    |           | G - 4   | 22   | 117132001 | H - 19  | 24   |
|           | E - 61  | 18   |           | L - 16  | 32   |           | G - 6   | 22   |           | Z - 3   | 50   |
|           | M - 28  | 34   |           | Q1 - 10 | 42   |           | J - 33  | 26   |           | Sp      | 53   |
|           | M - 43  | 34   | 025100132 | E - 15  | 16   |           | K - 17  | 30   | 117936001 | A - 14  | 2    |
| 012060636 | E - 12  | 16   | 025350132 | D - 12  | 14   |           | M - 59  | 36   |           | A - 15  | 2    |
| 012061036 | B1 - 19 | 4    | 026030136 | P - 7   | 40   |           | M - 62  | 36   | 140004001 | B1 - 21 | 4    |
|           | E - 70  | 18   | 026040236 | M - 9   | 34   |           | N - 3   | 38   | 140327001 | J - 11  | 26   |
|           | G - 16  | 22   | 026050136 | D - 5   | 14   |           | P - 26  | 40   | 140407001 | D - 8   | 14   |
|           | H - 13  | 24   |           | M - 53  | 34   |           | R - 9   | 46   | 140553102 | B1 - 25 | 4    |
| 012300632 | M - 6   | 34   | 028050243 | Z - 23  | 50   |           | R - 10  | 46   | 141728001 | D - 2+  | 14   |
| 012400436 | B1 - 14 | 4    | 032461606 | Q2 - 10 | 44   | 062501216 | A - 5   | 2    |           | Sp      | 53   |
|           | C - 35  | 10   | 048030342 | P - 17  | 40   |           | A - 8   | 2    | 142274101 | H - 7   | 24   |
|           | C - 54  | 12   | 048040142 | C - 63  | 12   |           | C - 38  | 10   |           | M - 7   | 34   |
|           | C - 55  | 12   | 048040342 | E - 50  | 16   |           | J - 54  | 26   | 142990001 | Z - 28  | 50   |
| 012400636 | L - 9   | 32   |           | L - 3   | 32   |           | M - 56  | 34   | 143855001 | Sp      | 53   |
| 012500536 | B1 - 18 | 4    |           | L - 15  | 32   | 062501416 | E - 20  | 16   |           | Ga      | 54   |
|           | C - 6   | 10   |           | P - 13  | 40   |           | E - 56  | 18   | 143857001 | Ga      | 55   |
|           | C - 14  | 10   | 048050142 | M - 54  | 34   |           | M - 23  | 34   | 143882001 | Z - 8   | 50   |
|           | C - 47  | 10   | 048050342 | D - 26  | 14   | 062501816 | K - 23  | 30   | 143910009 | Z - 9   | 50   |
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|           | E - 10  | 16   | 048060342 | B1 - 16 | 4    | 081004870 | J - 10  | 26   | 144504001 | K - 4   | 30   |
|           | E - 24  | 16   |           | M - 41  | 34   | 081006670 | J - 20  | 26   | 144875001 | J - 5   | 26   |
|           | E - 30  | 16   | 048080142 | C - 18  | 10   | 081008070 | J - 18  | 26   | 145446001 | K - 29  | 30   |
|           | E - 38  | 16   | 048080342 | E - 16  | 16   |           | J - 49  | 26   | 145446002 | L - 32  | 32   |
|           | E - 42  | 16   | 048100142 | E - 105 | 18   | 081015870 | J - 45  | 26   | 146288021 | P - 21  | 40   |
|           | E - 45  | 16   | 048120142 | B1 - 39 | 4    | 081022870 | J - 39  | 26   | 146290001 | H - 18  | 24   |
|           | G - 11  | 22   | 048150142 | E - 72  | 18   | 081025870 | H - 5   | 24   |           | Z - 1   | 50   |
|           | G - 17  | 22   | 060300606 | R - 7   | 46   | 081029870 | J - 57  | 28   |           | Sp      | 53   |
|           | K - 12  | 30   | 060350616 | K - 22  | 30   | 0A4300806 | Q1 - 21 | 42   | 146293001 | J - 75  | 28   |
|           | L - 14  | 32   | 060400416 | C - 53  | 12   | 0A4301206 | Q1 - 13 | 42   | 148537101 | M - 22  | 34   |
|           | L - 36  | 32   | 060400516 | J - 32  | 26   | 0A4401006 | Q1 - 19 | 42   | 148842001 | Sp      | 53   |
| 012501032 | Q1 - 15 | 42   |           | N - 5   | 38   | 0A4401606 | Q1 - 18 | 42   |           | Ga      | 56   |
| 014300432 | C - 24  | 10   |           | P - 11  | 40   | 0A5400806 | J - 79  | 28   | 148967101 | H - 25  | 24   |
|           | E - 78  | 18   |           | P - 20  | 40   | 0A5501205 | J - 27  | 26   | 149578000 | J - 66  | 28   |
|           | E - 90  | 18   | 060400816 | N - 7   | 38   | 100080004 | E - 83  | 18   | 150179002 | Z - 22  | 50   |
| 014500536 | C - 58  | 12   | 060401016 | M - 13  | 34   | 100328001 | E - 6   | 16   | 150182000 | Z - 19  | 50   |
| 014771032 | M - 3   | 34   | 060500616 | K - 14  | 30   | 100402004 | K - 27  | 30   | 150183000 | Z - 27  | 50   |
| 017060813 | F - 8   | 20   | 060501016 | Q1 - 25 | 42   | 100645003 | M - 15  | 34   | 151267001 | B1 - 34 | 4    |
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| 017062013 | F - 4   | 20   | 062061016 | G - 7   | 22   | 104449001 | A - 12  | 2    |           | E - 9   | 16   |
| 017081603 | Z - 33  | 50   | 062061603 | Z - 30  | 50   |           | E - 58  | 18   |           | E - 37  | 16   |
| 018061032 | B2 - 10 | 8    | 062061616 | C - 26  | 10   | 104450101 | A - 9   | 2    | 151594001 | B1 - 32 | 4    |
| 018061036 | B2 - 7  | 8    | 062300616 | E - 88  | 18   |           | A - 11  | 2    | 153132000 | E - 22  | 16   |
| 018061636 | C - 59  | 12   |           | P - 6   | 40   |           | J - 26  | 26   | 153138001 | G - 13  | 22   |
|           | E - 28  | 16   | 062350616 | C - 30  | 10   | 104821001 | J - 8   | 26   | 154567000 | M - 2   | 34   |
| 018062536 | M - 48  | 34   |           | E - 55  | 18   | 105234003 | M - 32  | 34   | 154569001 | M - 8   | 34   |
| 018102536 | B2 - 3  | 8    | 062400616 | A - 19  | 2    | 108549001 | E - 4   | 16   | 154593301 | M - 35  | 34   |
| 018400532 | D - 22  | 14   |           | C - 50  | 12   |           | L - 7   | 32   | 154594000 | M - 36  | 34   |
| 018401236 | L - 18  | 32   |           | J - 51  | 26   | 109714000 | Z - 12  | 50   | 154595001 | M - 38  | 34   |
| 018501436 | C - 8   | 10   |           | M - 10  | 34   | 110161004 | N - 8   | 38   | 154596000 | M - 39  | 34   |
| 018501636 | C - 68  | 12   |           | M - 20  | 34   | 110367001 | B1 - 7  | 4    | 154607101 | N - 6   | 38   |
|           | E - 25  | 16   | 062400816 | M - 55  | 34   |           | C - 3   | 10   | 156243021 | E - 71  | 18   |
| 021060103 | Z - 32  | 50   | 062401216 | C - 70  | 12   |           | C - 10  | 10   | 156958021 | E - 48  | 16   |
| 021060306 | D - 37  | 14   | 062500616 | A - 24  | 2    |           | C - 19  | 10   | 158722001 | E - 79  | 18   |
|           | E - 96  | 18   |           | D - 4   | 14   |           | C - 57  | 12   | 159150000 | A - 16  | 2    |
|           | J - 73  | 28   |           | J - 35  | 26   |           | M - 40  | 34   | 159521001 | Sp      | 53   |
|           | M - 51  | 34   |           | J - 47  | 26   | 110735002 | P - 16  | 40   |           | Ga      | 54   |
| 021080103 | Z - 34  | 50   |           | J - 56  | 28   | 111863001 | J - 1+  | 26   | 159522001 | Ga      | 54   |

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| 159525001            | Sp       | 53   |           | B1 - 6  | 4    | S51272100 | J - 44  | 26   | SA1345001 | K - 13  | 30   |
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| 159541001            | M - 21+  | 34   |           | B1 - 45 | 4    | S51815001 | J - 16  | 26   | SA1360101 | L - 29  | 32   |
| 159805001            | K - 30   | 30   |           | B1 - 48 | 6    |           | J - 38  | 26   | SA1362201 | M - 29  | 34   |
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| 183293001            | H - 24   | 24   |           | E - 74  | 18   | SA1166001 | B1 - 42 | 4    | SA1394101 | M - 61  | 36   |
| 183809001            | H - 30   | 24   |           | E - 98  | 18   | SA1173101 | D - 1+  | 14   |           | P - 25  | 40   |
| 183810001            | H - 31   | 24   |           | H - 10  | 24   | SA1179001 | D - 16  | 14   |           | R - 12  | 46   |
| 183811001            | H - 32   | 24   |           | H - 15  | 24   |           | D - 27  | 14   | SA1718001 | H - 27  | 24   |
| 200190001            | Q2 - 11  | 44   |           | M - 33  | 34   |           | D - 30  | 14   | SA1719001 | H - 26  | 24   |
| BMP206A-1100000-0G50 |          |      | S23848001 | H - 33  | 24   |           | J - 77  | 28   | SA1962001 | Z - 10  | 50   |
|                      | Q1 - 27+ | 42   | S24904201 | H - 28  | 24   | SA1181101 | D - 18  | 14   | SA1963001 | Z - 11  | 50   |
| BMP206A-1100000-CG50 |          |      | S24905101 | H - 29  | 24   | SA1186001 | D - 24  | 14   | SA1969001 | Z - 7   | 50   |
|                      | Q1 - 27+ | 42   | S25235001 | B1 - 2  | 4    | SA1206001 | E - 13  | 16   | SA1981301 | L - 11  | 32   |
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|                      | Q1 - 27+ | 42   |           | E - 52  | 16   | SA1209001 | E - 21  | 16   | SA1983201 | L - 13  | 32   |
| BMP206A-1100000-JG50 |          |      |           | E - 86  | 18   | SA1210101 | E - 23  | 16   | SA1984001 | L - 17  | 32   |
|                      | Q1 - 27+ | 42   | S25310101 | C - 73  | 12   | SA1218001 | E - 36  | 16   | SA1985001 | L - 19  | 32   |
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|                      | S - 2+   | 48   | S25339301 | E - 87  | 18   | SA1223001 | E - 43  | 16   | SA1992101 | L - 27  | 32   |
| J04210101            | Q2 - 12  | 44   | S25344001 | J - 71  | 28   | SA1225001 | E - 49  | 16   | SA1998001 | M - 58  | 36   |
| S01419000            | K - 10   | 30   | S25380601 | J - 6   | 26   | SA1226401 | E - 57  | 18   | SA2161001 | B1 - 15 | 4    |
| S01988001            | Ga       | 54   | S25382001 | J - 12  | 26   | SA1227501 | E - 59  | 18   | SA2165001 | D - 28  | 14   |
|                      | Ga       | 56   |           | J - 30  | 26   | SA1228001 | E - 60  | 18   | SA2170001 | A - 2   | 2    |
| S01989001            | Ga       | 56   | S25401100 | B1 - 40 | 4    | SA1229101 | E - 62  | 18   | SA2190001 | L - 26  | 32   |
| S02620401            | K - 33   | 30   | S25426101 | M - 12  | 34   |           | K - 8   | 30   | SA2250101 | B1 - 28 | 4    |
| S02647021            | M - 26   | 34   | S25427101 | E - 99  | 18   | SA1230001 | E - 66  | 18   | SA2251001 | B1 - 44 | 4    |
| S02747101            | Z - 21   | 50   | S25434000 | M - 37  | 34   | SA1233101 | E - 69  | 18   | SA2252101 | B1 - 49 | 6    |
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|                      | Q1 - 8   | 42   | S31032002 | K - 32  | 30   | SA1247101 | E - 85+ | 18   | SA2378001 | B1 - 46 | 4    |
|                      | Q1 - 26  | 42   |           | L - 34  | 32   | SA1251101 | E - 85+ | 18   | SA2400101 | E - 77  | 18   |
|                      | R - 8    | 46   | S31885001 | F - 9   | 20   | SA1261001 | E - 51+ | 16   | SA2401001 | E - 89  | 18   |
| S04630000            | J - 1+   | 26   | S32263001 | A - 10  | 2    | SA1263001 | E - 51+ | 16   | SA2404001 | B1 - 31 | 4    |
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| S06055009            | Z - 5    | 50   | S34756021 | F - 6   | 20   | SA1284101 | H - 11  | 24   | SA2844101 | G - 9   | 22   |
| S07350001            | D - 25   | 14   | S36119021 | Z - 35  | 50   | SA1285001 | H - 12  | 24   | SA2848001 | G - 10  | 22   |
| S08004021            | J - 62   | 28   | S36121021 | Z - 36  | 50   | SA1287001 | H - 14  | 24   | SA2849001 | E - 8   | 16   |
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|                      | Ga       | 56   | S38713100 | B1 - 30 | 4    | SA1313101 | J - 46  | 26   | SA4259002 | A - 4   | 2    |
| S13102101            | Sp       | 53   | S39051001 | D - 32  | 14   | SA1314001 | J - 53  | 26   | SA4270001 | J - 2   | 26   |
|                      | Ga       | 56   | S39830101 | E - 93  | 18   | SA1315301 | J - 50  | 26   | SA4294001 | C - 65  | 12   |
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|                      | Sp       | 53   | S41207000 | P - 24  | 40   | SA1322401 | J - 65  | 28   | SA4300001 | C - 71  | 12   |
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| S16337001            | E - 47   | 16   | S45900101 | M - 4   | 34   | SA1324001 | J - 68  | 28   | SA4302001 | C - 61  | 12   |
| S20356001            | C - 11   | 10   | S47508101 | E - 92  | 18   | SA1325101 | J - 69  | 28   | SA4346001 | C - 51  | 12   |
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| SA5278001 | B1 - 38 | 4    | SA7554101 | H - 9   | 24   | SA8903001 | D - 35  | 14   | SA9774001 | P - 12  | 40   |
| SA5329001 | M - 14  | 34   | SA7558001 | C - 60  | 12   |           | H - 20  | 24   | SA9777002 | P - 1   | 40   |
| SA6025001 | J - 3   | 26   | SA7562001 | J - 29  | 26   | SA8982202 | L - 2   | 32   | SA9778101 | P - 15  | 40   |
| SA6130001 | J - 28  | 26   | SA7607101 | D - 7   | 14   | SA8985101 | J - 14  | 26   | SA9786001 | K - 26  | 30   |
| SA6167002 | K - 6   | 30   | SA7626001 | B1 - 9+ | 4    | SA8986201 | J - 13  | 26   | SA9788001 | K - 24+ | 30   |
| SA6607001 | Z - 25  | 50   | SA7628001 | B1 - 9+ | 4    | SA8987001 | J - 21  | 26   | SA9792001 | J - 9   | 26   |
|           | Z - 26  | 50   |           | B1 - 11 | 4    | SA8989001 | J - 19  | 26   | SA9795101 | J - 40  | 26   |
| SA6609001 | Z - 29  | 50   | SA7635001 | E - 11  | 16   | SA8990001 | J - 15  | 26   | SA9800101 | M - 47  | 34   |
| SA7239101 | B1 - 17 | 4    | SA7660001 | E - 7   | 16   | SA8991001 | J - 22  | 26   | SA9801001 | M - 49  | 34   |
| SA7242001 | D - 3   | 14   | SA7661101 | E - 27  | 16   | SA8992001 | J - 25  | 26   | SA9813001 | G - 8   | 22   |
| SA7253101 | E - 32  | 16   | SA7664201 | E - 97  | 18   | SA8997001 | J - 24  | 26   | SA9823101 | E - 39  | 16   |
| SA7254001 | E - 44  | 16   | SA7670001 | E - 31  | 16   | SA9154001 | D - 20  | 14   | SA9824001 | E - 40  | 16   |
| SA7255101 | E - 67  | 18   | SA7674001 | E - 75  | 18   | SA9352001 | P - 14  | 40   | SA9826001 | A - 20  | 2    |
| SA7257001 | E - 81  | 18   | SA7675001 | E - 100 | 18   | SA9356001 | P - 9   | 40   |           | Wa      | 51   |
| SA7271001 | K - 21  | 30   | SA7676001 | E - 101 | 18   | SA9359001 | D - 1+  | 14   | SA9827001 | M - 50  | 34   |
| SA7273202 | K - 24+ | 30   | SA7679001 | E - 103 | 18   | SA9371101 | M - 34  | 34   | SA9831001 | S - 1+  | 48   |
| SA7275001 | K - 25+ | 30   | SA7697101 | E - 35  | 16   | SA9384001 | Q1 - 23 | 42   | SA9854001 | K - 15  | 30   |
| SA7285101 | M - 18  | 34   | SA7725001 | C - 9   | 10   | SA9437001 | Q1 - 12 | 42   | SA9855001 | L - 33  | 32   |
| SA7287001 | M - 24  | 34   | SA7814001 | A - 17  | 2    | SA9442001 | Q1 - 11 | 42   | SA9856001 | Q1 - 22 | 42   |
| SA7292101 | Q1 - 3  | 42   | SA7824101 | B1 - 1  | 4    | SA9443001 | Q1 - 14 | 42   | SA9865001 | Q1 - 4  | 42   |
| SA7293001 | Q1 - 7  | 42   | SA7829001 | H - 16+ | 24   | SA9447001 | Q1 - 16 | 42   | SA9866001 | Q1 - 5  | 42   |
| SA7320001 | H - 6   | 24   |           | Sp      | 53   | SA9448001 | Q1 - 17 | 42   | SA9867001 | Q1 - 6  | 42   |
| SA7321002 | E - 19  | 16   | SA7830001 | H - 16+ | 24   | SA9449001 | Q1 - 20 | 42   | SA9894001 | Q2 - 13 | 44   |
| SA7325001 | Q1 - 2  | 42   |           | Sp      | 53   | SA9452001 | Q1 - 24 | 42   | SA9896001 | S - 5   | 48   |
| SA7330001 | E - 76  | 18   | SA7842001 | C - 17  | 10   | SA9523001 | B1 - 37 | 4    | SA9901001 | S - 4   | 48   |
| SA7336002 | A - 6   | 2    |           | C - 56  | 12   | SA9535001 | S - 2+  | 48   | SA9914001 | S - 6   | 48   |
| SA7337001 | J - 34  | 26   | SA7849001 | K - 20  | 30   | SA9546001 | Q2 - 1  | 44   |           | Wa      | 51   |
| SA7338001 | J - 31  | 26   | SA7850001 | G - 1   | 22   | SA9549001 | Q2 - 2  | 44   | SA9923001 | S - 3   | 48   |
| SA7341401 | M - 19  | 34   | SA7854001 | G - 15  | 22   | SA9553001 | Q2 - 4  | 44   | SA9942001 | J - 63  | 28   |
| SA7358101 | C - 1   | 10   | SA7858001 | E - 2   | 16   | SA9563001 | L - 6   | 32   | SA9943001 | J - 78  | 28   |
| SA7359101 | C - 4   | 10   | SA7904001 | G - 2   | 22   | SA9564001 | Q2 - 8  | 44   | SA9945201 | H - 2   | 24   |
| SA7361101 | C - 7   | 10   | SA7907001 | G - 3   | 22   | SA9587101 | Q2 - 6+ | 44   | SA9957001 | A - 22  | 2    |
| SA7362401 | C - 12  | 10   | SA7984001 | C - 43  | 10   | SA9602101 | Q2 - 6+ | 44   |           | Wa      | 51   |
| SA7364101 | C - 13  | 10   | SA7985001 | C - 45  | 10   | SA9616001 | S - 1+  | 48   | SA9957002 | A - 23  | 2    |
| SA7368001 | C - 16  | 10   | SA7986001 | C - 44  | 10   | SA9643001 | M - 11  | 34   |           | Wa      | 51   |
| SA7370201 | C - 20  | 10   | SA8026001 | C - 40  | 10   | SA9650001 | B1 - 20 | 4    | SA9973001 | L - 31  | 32   |
| SA7371201 | C - 21  | 10   | SA8058501 | B2 - 1  | 8    | SA9661101 | E - 84+ | 18   | SB0100001 | Q1 - 1  | 42   |
| SA7374001 | C - 22  | 10   | SA8059101 | B2 - 5  | 8    | SA9666101 | E - 84+ | 18   | SB0434001 | N - 1   | 38   |
| SA7377201 | C - 25  | 10   | SA8060201 | B2 - 6  | 8    | SA9672001 | E - 95  | 18   | SB0544001 | K - 16  | 30   |
| SA7378101 | C - 27+ | 10   | SA8061001 | B1 - 12 | 4    | SA9673001 | F - 1   | 20   | SB0687001 | J - 72  | 28   |
| SA7380101 | C - 27+ | 10   | SA8069001 | D - 21  | 14   | SA9674001 | F - 2   | 20   | SB1029001 | B1 - 22 | 4    |
| SA7382001 | C - 29  | 10   | SA8085001 | P - 22  | 40   | SA9676001 | F - 7   | 20   | SB1270001 | Z - 14  | 50   |
| SA7383301 | C - 31  | 10   | SA8100001 | D - 13  | 14   | SA9682101 | H - 1   | 24   |           | Wa      | 52   |
| SA7384201 | C - 33  | 10   | SA8110001 | Sp      | 53   | SA9684001 | H - 8   | 24   | SB1271001 | Z - 15  | 50   |
| SA7390401 | C - 48+ | 12   |           | Ga      | 54   | SA9694001 | J - 55  | 28   |           | Wa      | 52   |
| SA7401201 | C - 62  | 12   |           | Ga      | 55   | SA9698001 | K - 2   | 30   | SB1305001 | H - 17+ | 24   |
| SA7403401 | C - 48+ | 12   | SA8111001 | Sp      | 53   | SA9699001 | K - 1   | 30   |           | Sp      | 53   |
| SA7406201 | D - 17  | 14   |           | Ga      | 56   | SA9700001 | K - 3   | 30   | SB1537001 | B1 - 26 | 4    |
| SA7407201 | D - 15  | 14   | SA8239202 | Z - 13  | 50   | SA9710001 | M - 27  | 34   | SB1538001 | B1 - 52 | 6    |
| SA7408101 | D - 29  | 14   | SA8240001 | Ga      | 56   | SA9713301 | M - 44  | 34   | SB1677001 | H - 17+ | 24   |
| SA7410301 | J - 60  | 28   | SA8277001 | Ga      | 56   | SA9715101 | M - 46  | 34   |           | Sp      | 53   |
| SA7413001 | K - 19  | 30   | SA8356001 | C - 37  | 10   | SA9716001 | M - 52  | 34   | SB2018001 | M - 45  | 34   |
| SA7414101 | N - 2   | 38   | SA8370001 | Ga      | 56   | SA9723001 | R - 3   | 46   | SB2084001 | P - 3   | 40   |
| SA7422001 | E - 94  | 18   | SA8403001 | C - 67  | 12   | SA9724001 | R - 5   | 46   | SB2245002 | L - 1   | 32   |

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