

# SIRUBA®

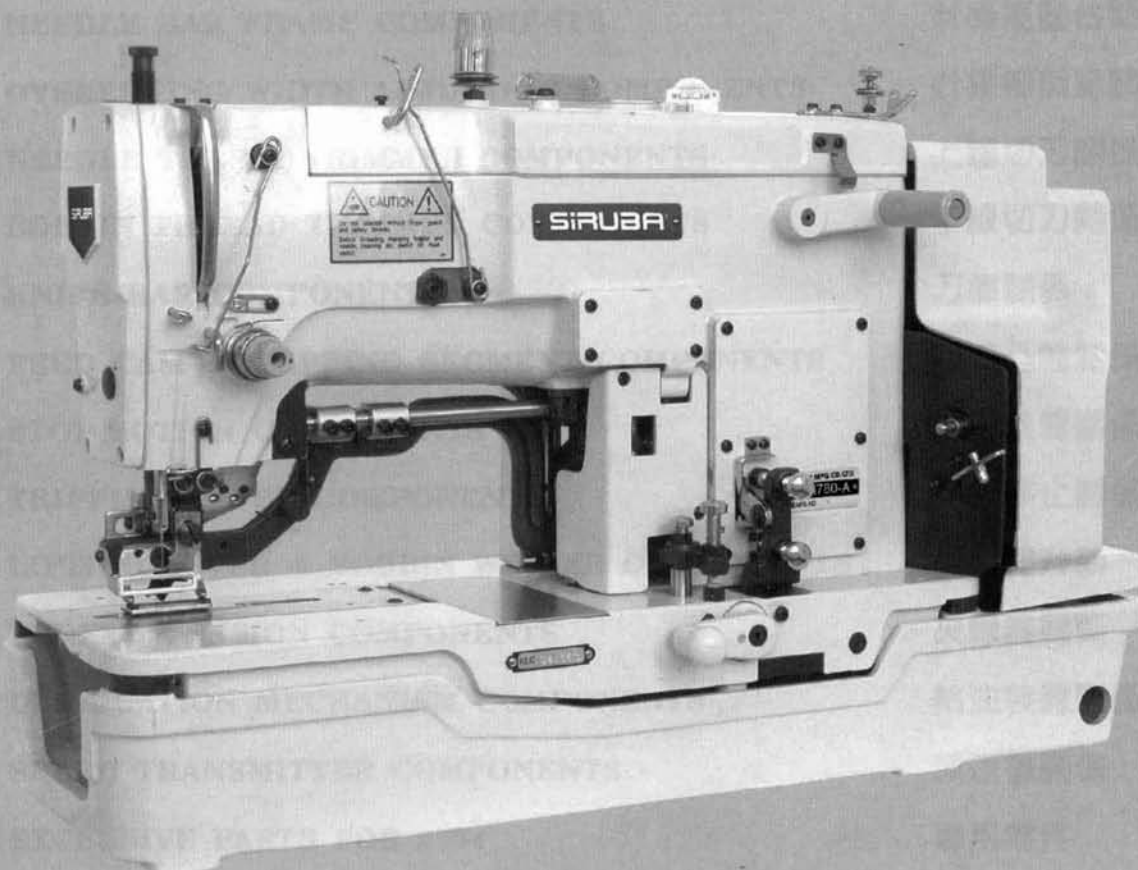
銀箭牌工業用縫紉機

INDUSTRIAL SEWING MACHINE

# BH780

## 使用說明與零件圖

## INSTRUCTION AND PARTS LIST



CE



高林股份有限公司  
KAULIN MFG. CO., LTD.

# 零件冊

## PARTS BOOK

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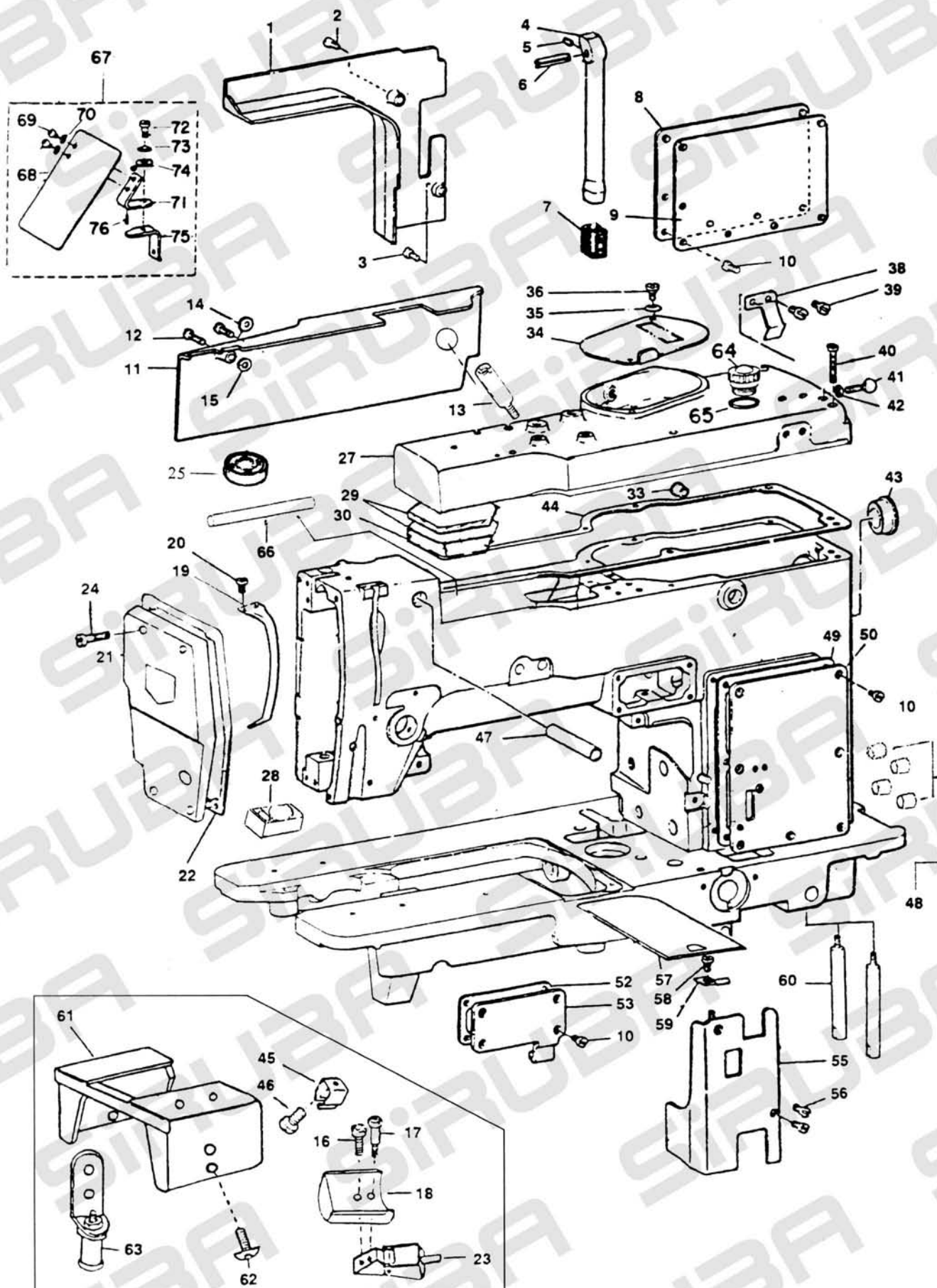
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# 1. FRAME & MISCELLANEOUS COVER COMPONENTS

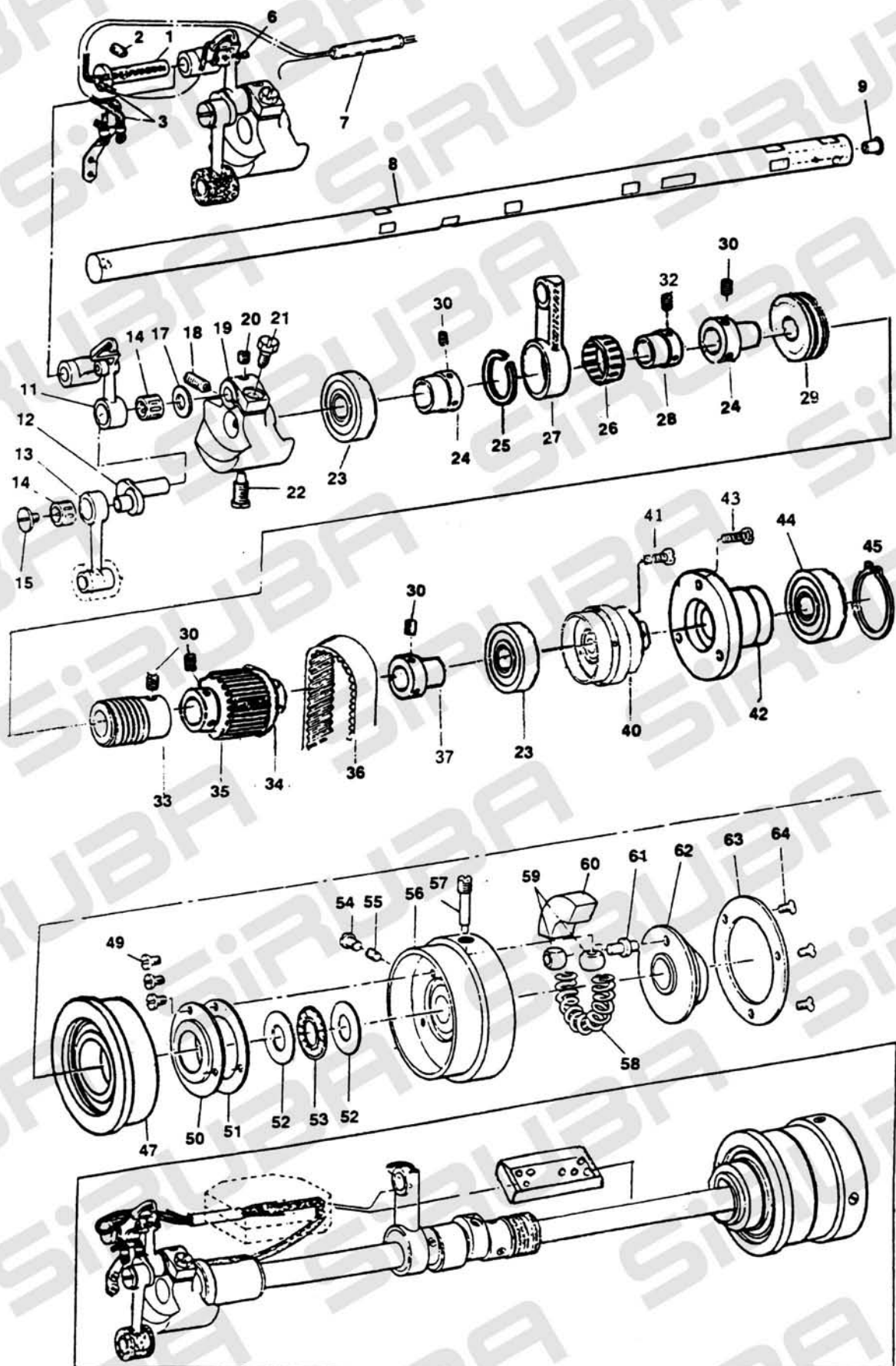
## 頭部外裝關係



|    | Part<br>No. | 零 件 名 稱 | Description                    | Amt.<br>Req. | 1 |
|----|-------------|---------|--------------------------------|--------------|---|
| 1  | 801010      | 機殼側蓋    | FRAME SIDE COVER               | 1            |   |
| 2  | 801021      | 螺釘      | SCREW                          | 1            |   |
| 3  | -----       |         |                                | 0            |   |
| 4  | 801040      | 機頭支承臂   | MACHINE ARM SUPPORT ROD        | 1            |   |
| 5  | 801051      | 緊定螺釘    | SCREW                          | 1            |   |
| 6  | 801060      | 彈性圓柱銷   | PIN                            | 1            |   |
| 7  | 801070      | 橡膠緩衝墊   | RUBBER CUSHION                 | 1            |   |
| 8  | 801080      | 側蓋板     | SIDE COVER                     | 1            |   |
| 9  | 801090      | 側蓋板襯墊   | SIDE COVER GASKET              | 1            |   |
| 10 | 801101      | 螺釘      | SCREW                          | 21           |   |
| 11 | 801110      | 機殼側蓋    | FRAME SIDE COVER               | 1            |   |
| 12 | 801121      | 螺釘      | SCREW                          | 2            |   |
| 13 | 801131      | 螺釘      | SCREW                          | 1            |   |
| 14 | 801140      | 緩衝墊     | CUSHION                        | 1            |   |
| 15 | 801150      | 機殼側蓋襯墊  | FRAME SIDE COVER GASKET        | 2            |   |
| 16 | 801161      | 螺釘      | SCREW                          | 1            |   |
| 17 | 801171      | 螺釘      | SCREW                          | 1            |   |
| 18 | 801180      | 薄殼罩     | THIN COVER                     | 1            |   |
| 19 | 801190      | 挑線杆護罩   | THREAD TAKE-UP LEVER OIL GUARD | 1            |   |
| 20 | 801201      | 螺釘      | SCREW                          | 2            |   |
| 21 | 801210      | 面板      | FACE COVER COMPLETE            | 1            |   |
| 22 | 801220      | 面板襯墊    | GASKET                         | 1            |   |
| 23 | 801230      | 薄殼罩鉸鏈   | THIN COVER HINGE               | 1            |   |
| 24 | 801241      | 螺釘      | SCREW                          | 4            |   |
| 25 | 801250      | 油封      | OIL SEAL                       | 2            |   |
| 27 | 801270      | 頂蓋      | TOP COVER                      | 1            |   |
| 28 | 801280      | 塑膠墊     | PLASTIC GASKET                 | 1            |   |
| 29 | 801290      | 油氈      | OIL FELT                       | 2            |   |
| 30 | 801300      | 油氈墊板    | OIL FELT RETAINER              | 1            |   |
| 33 | 801330      | 橡膠插塞    | PLASTIC PLUG                   | 1            |   |
| 34 | 801340      | 齒輪箱蓋    | GEAR CASE COVER                | 1            |   |
| 35 | 801350      | 彈簧墊     | DISC SPRING                    | 1            |   |
| 36 | 801361      | 鉸鏈螺釘    | HINGE SCREW                    | 1            |   |
| 38 | 801380      | 手制動鉤    | HAND STOP LATCH                | 1            |   |
| 39 | 801391      | 螺釘      | SCREW                          | 2            |   |
| 40 | 801401      | 螺釘      | SCREW                          | 6            |   |
| 41 | 801411      | 球形螺釘    | BALL SCREW                     | 1            |   |
| 42 | 801420      | 螺母      | NUT                            | 1            |   |
| 43 | 801430      | 橡膠插塞    | RUBBER PLUG                    | 1            |   |
| 44 | 801440      | 後頂蓋襯墊   | TOP COVER GASKET,REAR          | 1            |   |
| 45 | 801450      | 蓋鎖彈簧    | COVER LATCH SPRING             | 1            |   |
| 46 | 801461      | 螺釘      | SCREW                          | 1            |   |
| 47 | 801470      | 停刀杆軸導向管 | KNIFE STOP LEVER SHAFT GUIDE   | 1            |   |
| 48 | 801480      | 橡膠插塞    | RUBBER PLUG                    | 1            |   |
| 49 | 801490      | 側蓋板襯墊   | SIDE COVER GASKET              | 1            |   |
| 50 | 801500      | 側蓋板     | SIDE COVER                     | 1            |   |
| 52 | 801520      | 襯墊      | GASKET                         | 1            |   |
| 53 | 801530      | 側蓋      | SIDE COVER                     | 1            |   |
| 55 | 801550      | 側蓋      | SIDE COVER                     | 1            |   |
| 56 | -----       |         |                                | 0            |   |
| 57 | 801570      | 推板      | BED SLIDE                      | 1            |   |
| 58 | 801581      | 螺釘      | SCREW                          | 1            |   |
| 59 | 801590      | 推板簧     | BED SLIDE SPRING               | 1            |   |
| 60 | 801600      | 底板支承螺釘  | BED SCREW STUD                 | 2            |   |
| 61 | 801610      | 前蓋      | FRONT COVER                    | 1            |   |
| 62 | 801621      | 螺絲      | SCREW                          | 4            |   |
| 63 | 801630      | 前蓋鎖組件   | FRONT COVER LATCH ASM.         | 2            |   |
| 64 | 801640      | 油視窗     | OIL SIGHT WINDOW               | 1            |   |
| 65 | 801650      | 油視窗墊片   | OIL SIGHT WINDOW GASKET        | 1            |   |
| 66 | 801660      | 銅管      | BUSHING                        | 1            |   |
| 67 | 801670      | 護目鏡組    | SAFETY PLATE ASM               | 1            |   |
| 68 | 801680      | 護目鏡片    | SAFETY PLATE                   | 1            |   |
| 69 | 801691      | 螺釘      | SCREW                          | 2            |   |
| 70 | 801700      | 華司      | WASHER                         | 2            |   |
| 71 | 801710      | 護目鏡板    | SAFETY PLATE INSTALLING PLATE  | 1            |   |
| 72 | 801721      | 螺釘      | SCREW                          | 1            |   |
| 73 | 801730      | 鐵片      | DISC SPRING                    | 1            |   |
| 74 | 801740      | 華司      | WASHER                         | 1            |   |
| 75 | 801750      | 護目鏡板    | SAFETY PLATE MOUNTING BASE     | 1            |   |
| 76 | 801760      | 彈簧銷     | SPRING PIN                     | 1            |   |

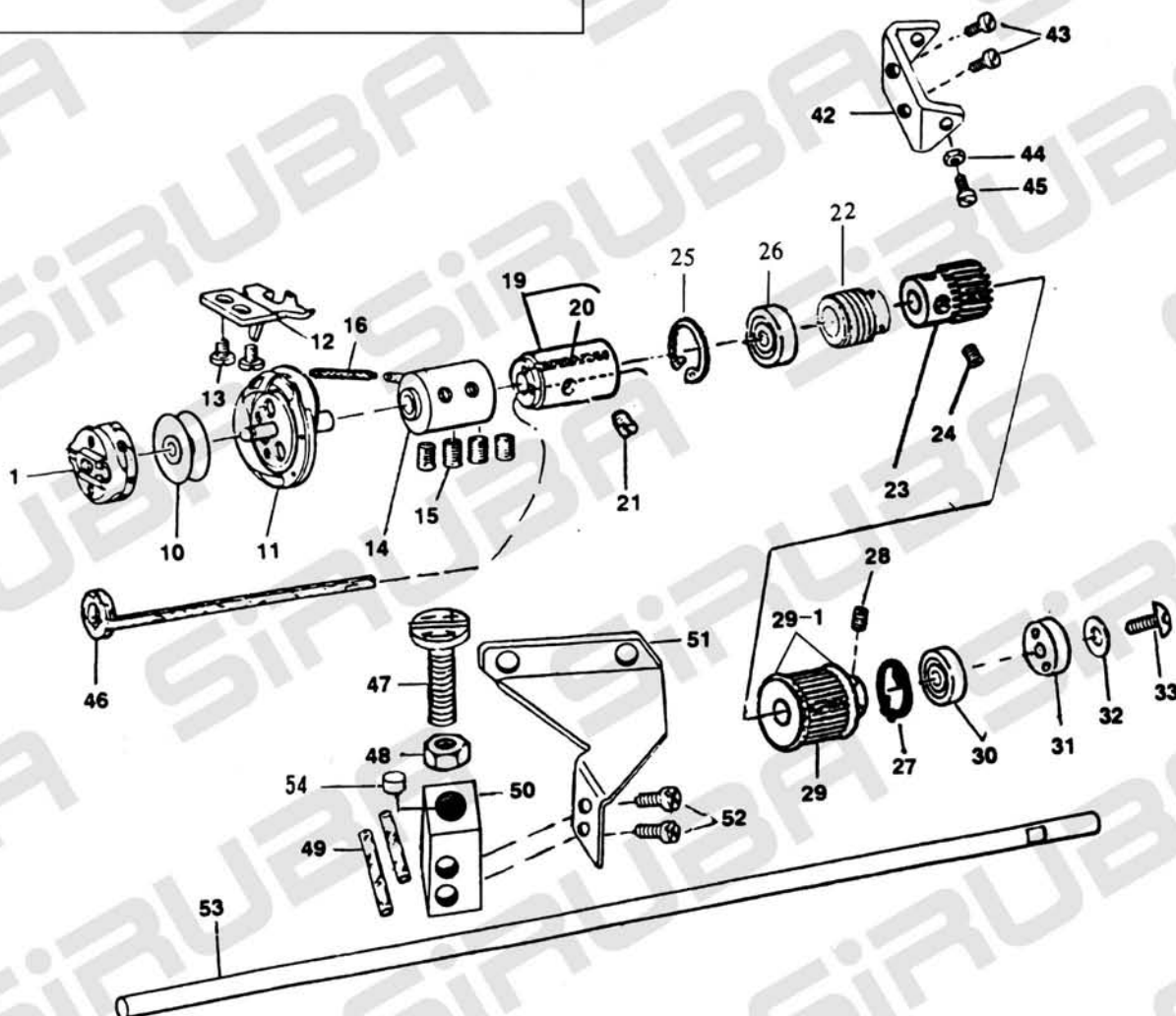
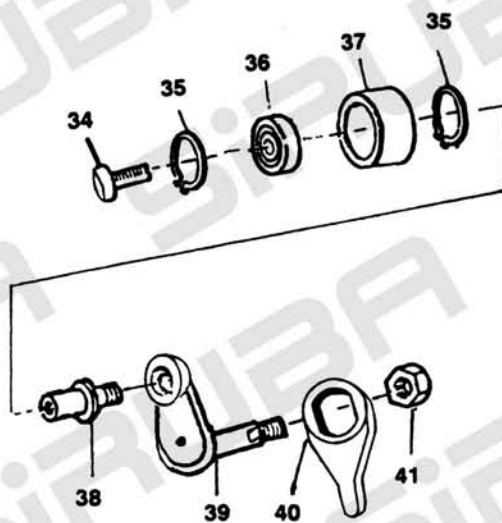
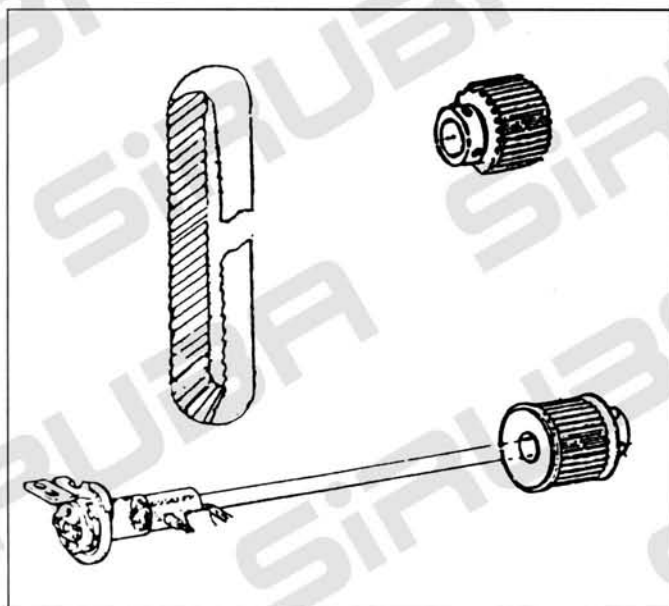
## 2. MAIN SHAFT COMPONENTS

上軸關係



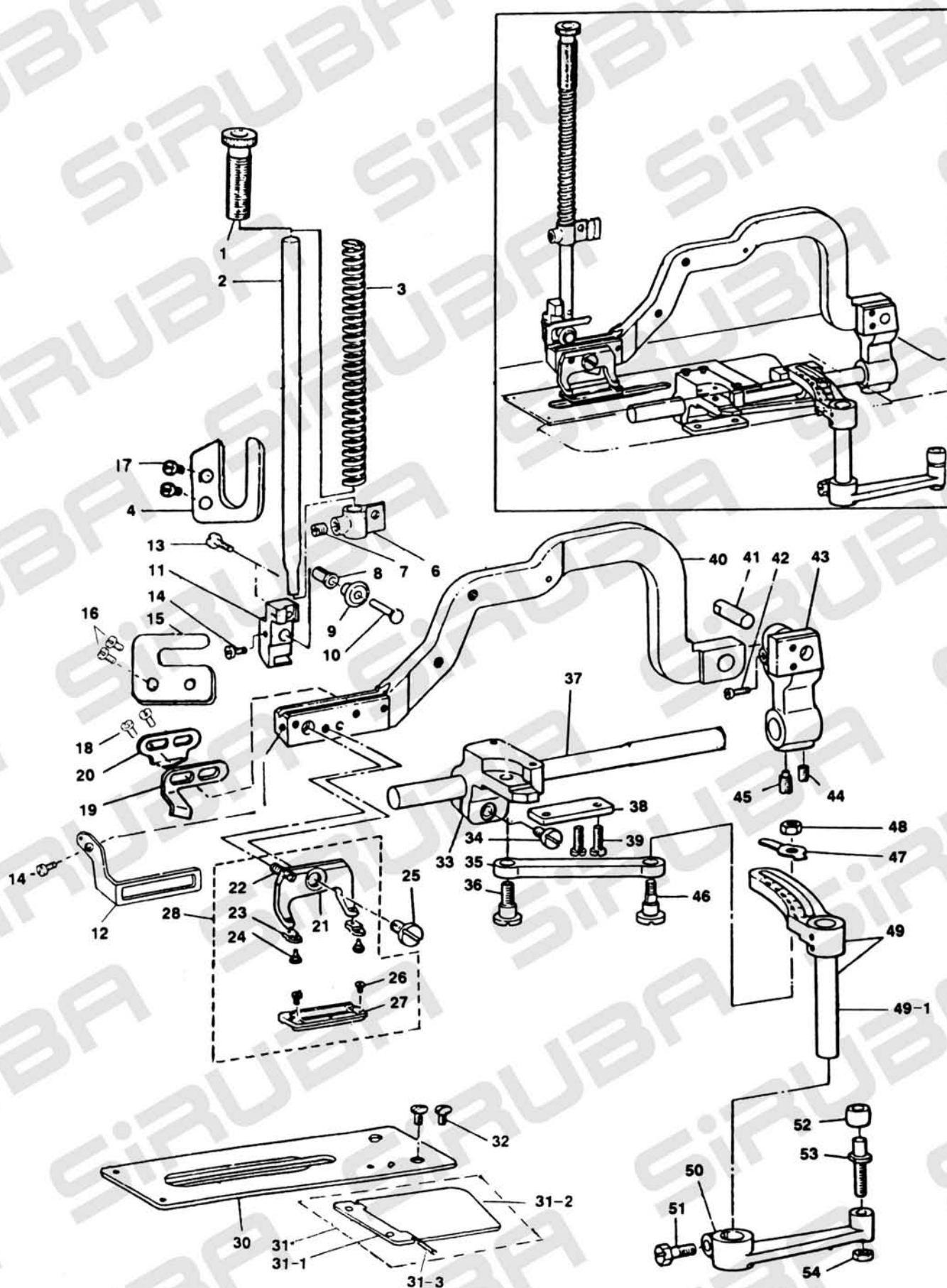
|    | Part<br>No. | 零 件 名 稱  | Description                      | Amt. 2<br>Req. |
|----|-------------|----------|----------------------------------|----------------|
| 1  | 802010      | 鉸鏈銷      | HINGE STUD                       | 1              |
| 2  | 802021      | 螺釘       | SCREW                            | 1              |
| 3  | 802030      | 油芯       | OIL WICK                         | 1              |
| 4  | -----       |          |                                  | 0              |
| 5  | -----       |          |                                  | 0              |
| 6  | 802060      | 油芯環      | OIL WICK SNAP RING               | 1              |
| 7  | 802070      | 乙烯管      | VINYL TUBE                       | 1              |
| 8  | 802080      | 上軸       | MAIN SHAFT                       | 1              |
| 9  | 802090      | 橡皮塞      | RUBBER PLUG                      | 1              |
| 10 | -----       |          |                                  | 0              |
| 11 | 802110      | 挑線杆組件    | THREAD TAKE-UP LEVER ASM.        | 1              |
| 12 | 802120      | 針杆曲柄     | NEEDLE BAR CRANK                 | 1              |
| 13 | 802130      | 針杆曲柄連杆   | NEEDLE BAR CRANK CONNECTING ROD  | 1              |
| 14 | 802140      | 滾針軸承     | NEEDLE BEARING                   | 2              |
| 15 | 802151      | 左旋螺釘     | END SCREW LEFT                   | 1              |
| 16 | -----       |          |                                  | 1              |
| 17 | 802170      | 止推墊圈     | THRUST WASHER                    | 1              |
| 18 | 802181      | 螺釘       | SCREW                            | 1              |
| 19 | 802190      | 平衡塊      | COUNTER WEIGHT                   | 1              |
| 20 | 802201      | 螺釘       | SCREW                            | 1              |
| 21 | 802211      | 螺釘       | SCREW                            | 1              |
| 22 | 802211      | 螺釘       | SCREW                            | 1              |
| 23 | 802230      | 軸承       | BALL BEARING                     | 2              |
| 24 | 802240      | 軸套       | BALL BEARING                     | 2              |
| 25 | 802250      | 扣環       | RETAINING RING                   | 1              |
| 26 | 802260      | 滾動軸承     | ROLLER BEARING                   | 1              |
| 27 | 802270      | 刀杆傳動連杆   | KNIFE BAR DRIVING CONNECTING ROD | 1              |
| 28 | 802280      | 刀杆傳動偏心凸輪 | KNIFE BAR DRIVING ECCENTRIC CAM  | 1              |
| 29 | 802290      | 軸承       | BALL BEARING                     | 1              |
| 30 | 802301      | 螺釘       | SCREW                            | 10             |
| 31 | -----       |          |                                  | 0              |
| 32 | 802321      | 螺釘       | SCREW                            | 4              |
| 33 | 802330      | 蝸杆       | WORM                             | 1              |
| 34 | 802340      | 鐵圈       | IRON RING                        | 1              |
| 35 | 802350      | 鏈輪       | SHAFT SPROCKET                   | 1              |
| 36 | 802360      | 皮帶       | TIMING BELT                      | 1              |
| 37 | 802370      | 軸套       | ADAPTER                          | 1              |
| 38 | -----       |          |                                  | 0              |
| 39 | -----       |          |                                  | 0              |
| 40 | 802400      | 上軸後軸承殼體  | MAIN SHAFT BUSHING               | 2              |
| 41 | 802411      | 螺釘       | SCREW                            | 2              |
| 42 | 802420      | 上軸後軸承座   | BEARING RETAINER                 | 1              |
| 43 | 802430      | 螺釘       | ADAPTER                          | 3              |
| 44 | 802440      | 球軸承      | BALL BEARING                     | 1              |
| 45 | 802450      | 扣環       | RETAINING RING                   | 1              |
| 47 | 802470      | 空轉帶輪     | LOOSE PULLEY                     | 1              |
| 48 | -----       |          |                                  | 0              |
| 49 | 802491      | 螺釘       | SCREW                            | 3              |
| 50 | 802500      | 主軸止推密封圈  | MAIN SHAFT THRUST SEAL           | 1              |
| 51 | 802510      | 襯墊       | GASKET                           | 1              |
| 52 | 802520      | 滾針軸承前後蓋  | THRUST WASHER                    | 2              |
| 53 | 802530      | 推力滾針軸承   | BEARING                          | 1              |
| 54 | 802541      | 螺釘       | SCREW                            | 1              |
| 55 | 802551      | 螺釘       | SCREW                            | 1              |
| 56 | 802560      | 傳動帶輪     | DRIVING PULLEY                   | 1              |
| 57 | 802571      | 螺釘       | SCREW                            | 1              |
| 58 | 802580      | 止動凸輪壓簧   | STOP CAM PRESSURE SPRING         | 1              |
| 59 | 802590      | 止動凸輪滑塊   | STOP-MOTION CAM PIN SLIDE BLOCK  | 2              |
| 60 | 802600      | 電木扇形塊    | BAKELITE SEGMENT                 | 1              |
| 61 | 802610      | 止動凸輪定位銷  | STOP-MOTION CAM POSITION PIN     | 1              |
| 62 | 802620      | 止動凸輪     | STOP-MOTION CAM                  | 1              |
| 63 | 802630      | 止動凸輪壓板   | STOP-MOTION CAM PRESSER PLATE    | 1              |
| 64 | 802641      | 螺釘       | SCREW                            | 3              |

### 3. HOOK DRIVING SHAFT COMPONENTS 下軸關係



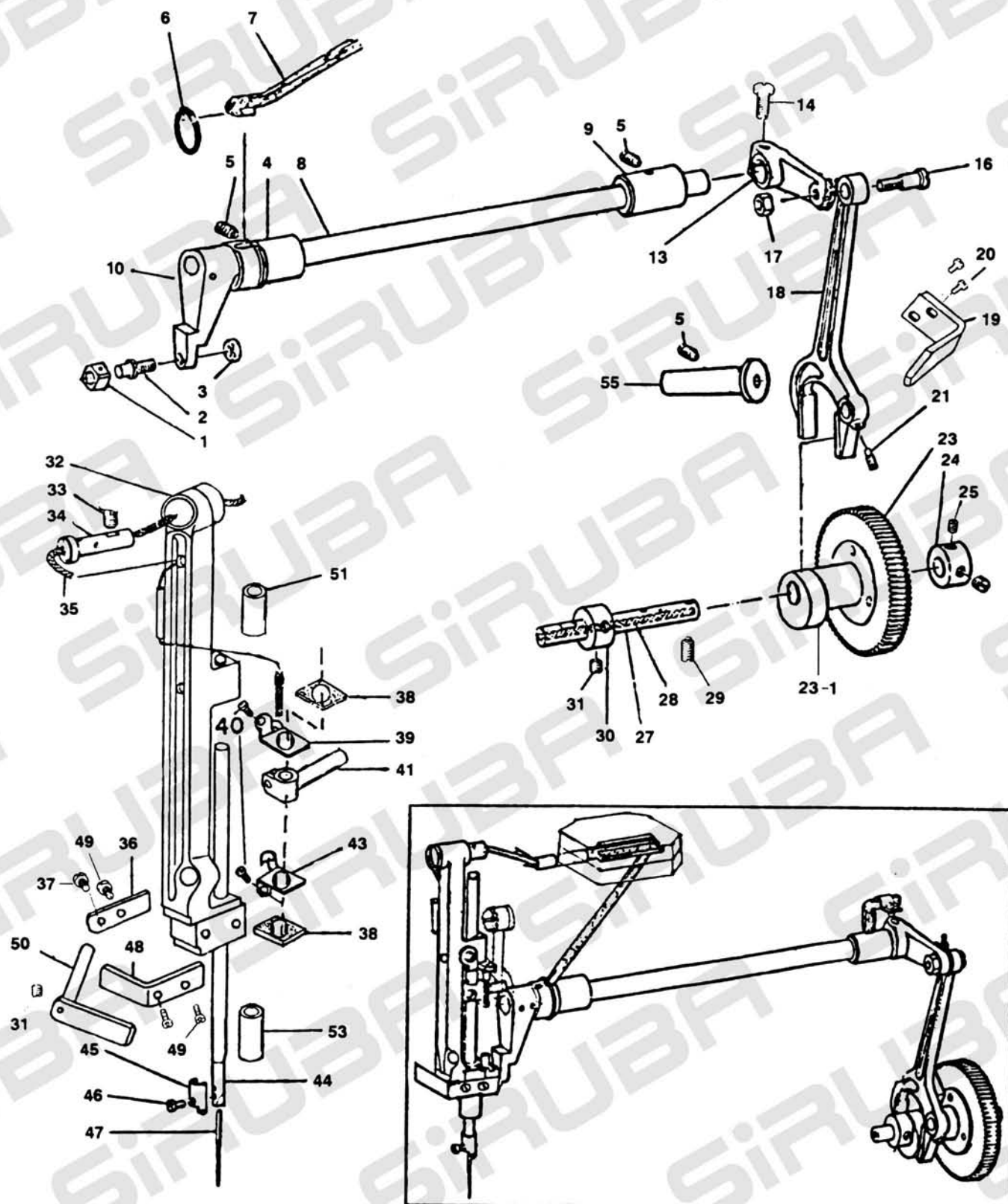
|      | Part<br>No. | 零 件 名 稱  | Description                   | Amt. 3<br>Req. |
|------|-------------|----------|-------------------------------|----------------|
| 1    | 803010      | 梭殼組件     | BOBBIN CASE ASM.              | 1              |
| 10   | 803100      | 梭子       | BOBBIN                        | 1              |
| 11   | 803110      | 旋梭套組件    | HOOK C ASM.                   | 1              |
| 12   | 803120      | 梭子定位板    | BOBBIN CASE POSITIONING PLATE | 1              |
| 13   | 803131      | 螺釘       | SCREW                         | 2              |
| 14   | 803140      | 旋梭軸套組件   | HOOK SLEEVE ASM.              | 1              |
| 15   | 803151      | 螺釘       | SCREW                         | 4              |
| 16   | 803160      | 油芯       | OIL WICK                      | 1              |
| 17   | -----       |          |                               | 0              |
| 18   | -----       |          |                               | 0              |
| 19   | 803190      | 下軸前套管    | BUSHING ASM.                  | 1              |
| 20   | 803200      | 油芯       | OIL WICK                      | 1              |
| 21   | 803211      | 螺釘       | SCREW                         | 1              |
| 22   | 803220      | 蝸杆       | WORM                          | 0              |
| 23   | 803230      | 小齒輪      | PINION                        | 1              |
| 24   | 803241      | 螺釘       | SCREW                         | 2              |
| 25   | 803251      | 扣環       | RETAINING RING                | 1              |
| 26   | 803260      | 球軸承      | BALL BEARING                  | 1              |
| 27   | 803270      | 扣環       | RETAINING RING                | 1              |
| 28   | 803281      | 螺釘       | SCREW                         | 2              |
| 29   | 803290      | 皮帶鏈輪     | BELT SPROCKET                 | 1              |
| 29-1 | 803290-1    | 鐵圈       | IRON RING                     | 2              |
| 30   | 803300      | 球軸承      | BALL BEARING                  | 1              |
| 31   | 803310      | 軸承固定擋圈   | COLLAR                        | 1              |
| 32   | 803320      | 墊圈       | WASHER                        | 1              |
| 33   | 803331      | 螺釘       | SCREW                         | 1              |
| 34   | 803341      | 螺釘       | SCREW                         | 1              |
| 35   | 803350      | 扣環       | RETAINING RING                | 1              |
| 36   | 803360      | 球軸承      | BALL BEARING                  | 1              |
| 37   | 803370      | 皮帶張緊輪    | TENSION PULLEY                | 1              |
| 38   | 803380      | 調整槓桿針    | ADJUSTING LEVER PIN           | 1              |
| 39   | 803390      | 張緊輪連杆    | TENSION PULLEY LINK           | 1              |
| 40   | 803400      | 調節配件     | ADJUSTING GUIDE               | 1              |
| 41   | 803410      | 螺母       | NUT                           | 1              |
| 42   | 803420      | 調節杆座     | ADJUSTING BASE                | 1              |
| 43   | 803431      | 螺釘       | SCREW                         | 2              |
| 44   | 803440      | 螺母       | NUT                           | 2              |
| 45   | 803451      | 螺釘       | SCREW                         | 2              |
| 46   | 803460      | 油氈       | OIL FELT                      | 1              |
| 47   | 803470      | 旋梭調節潤滑螺釘 | HOOK OIL ADJUSTING SCREW      | 1              |
| 48   | 803480      | 螺母       | NUT                           | 1              |
| 49   | 803490      | 油管       | OIL TUBE                      | 2              |
| 50   | 803500      | 調節潤滑螺釘座  | OIL ADJUSTING SCREW BASE      | 1              |
| 51   | 803510      | 調節潤滑螺釘座架 | OIL ADJUSTING SCREW BRACKET   | 1              |
| 52   | 803521      | 螺釘       | SCREW                         | 2              |
| 53   | 803530      | 下軸       | HOOK DRIVING SHAFT            | 1              |
| 54   | 803540      | 油控制閥     | OIL CONTROL BASE              | 1              |

#### 4. PRESSER BAR. WORK CLAMP CARRIER COMPONENTS 押腳棒、布送板關係



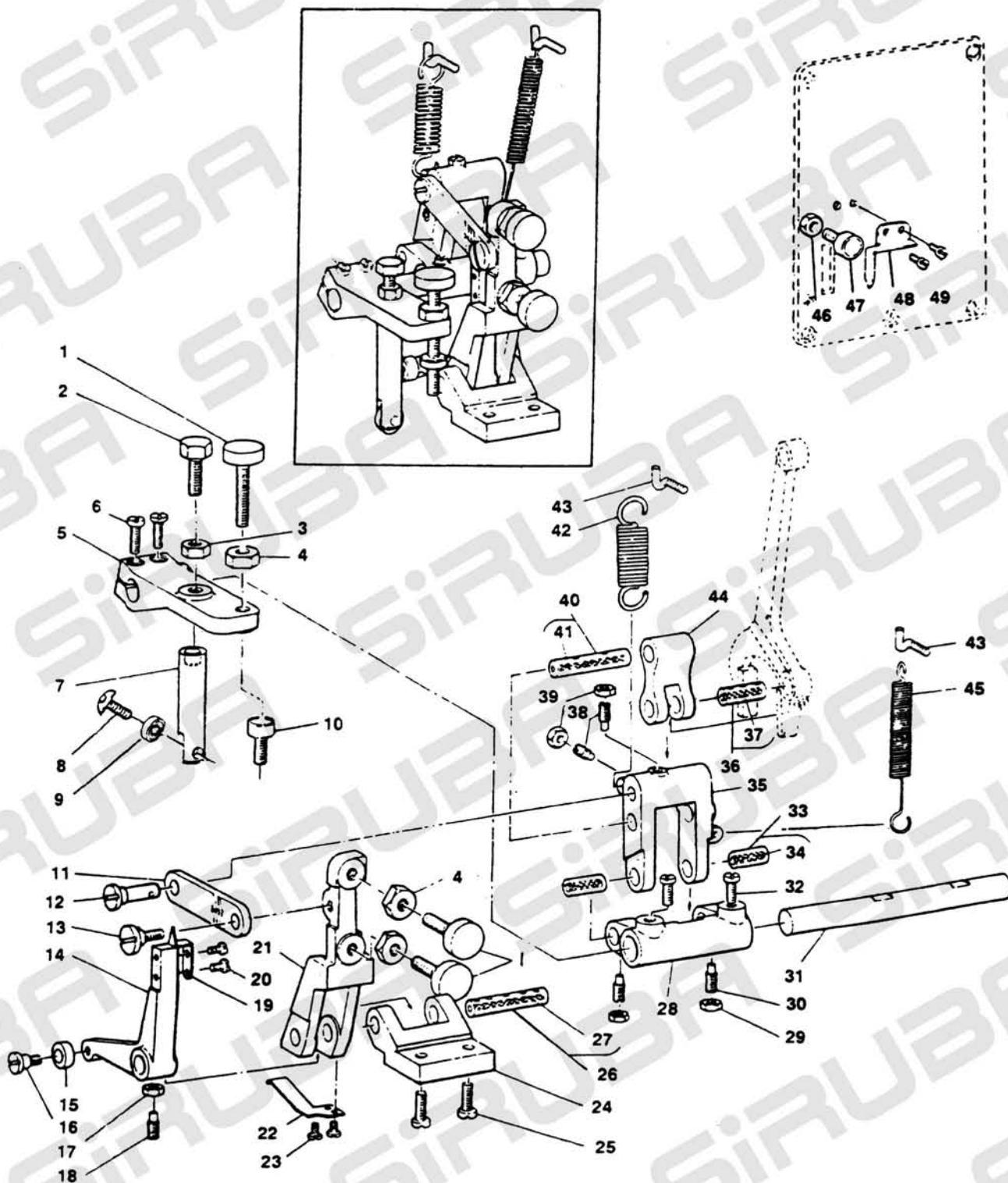
|      | Part<br>No. | 零 件 名 稱     | Description                       | Amt. 4<br>Req. |
|------|-------------|-------------|-----------------------------------|----------------|
| 1    | 804010      | 壓簧調節        | PRESSER SPRING REGULATOR          | 1              |
| 2    | 804020      | 壓棒          | PRESSER BAR                       | 1              |
| 3    | 804030      | 壓簧          | PRESSER SPRING                    | 1              |
| 4    | 804040      | 導向支架        | GUIDE BRACKET                     | 1              |
| 5    | -----       |             |                                   | 0              |
| 6    | 804060      | 壓棒定位架       | PRESSER BAR POSITION BRACKET      | 1              |
| 7    | 804071      | 螺釘          | SCREW                             | 1              |
| 8    | 804080      | 套管          | COLLAR                            | 1              |
| 9    | 804090      | 滑動滾輪        | SLIDE ROLLER                      | 1              |
| 10   | 804100      | 滑動滾輪銷       | CONNECTING PIN                    | 1              |
| 11   | 804110      | 支架          | BRACKET                           | 1              |
| 12   | 804120      | 安全防護        | SAFE DEFEND GUIDE                 | 1              |
| 13   | 804131      | 壓棒螺釘        | SCREW                             | 1              |
| 14   | 804141      | 螺釘          | SCREW                             | 2              |
| 15   | 804150      | 導向支架        | GUIDE BRACKET                     | 1              |
| 16   | 804161      | 螺釘          | SCREW                             | 2              |
| 17   | 804171      | 螺釘          | SCREW                             | 2              |
| 18   | 804181      | 螺釘          | SCREW                             | 2              |
| 19   | 804190      | 面線剪斷器導架     | NEEDLETHREAD TRIMMER GUIDE        | 1              |
| 20   | 804200      | 面線剪斷器導架     | NEEDLETHREAD TRIMMER GUIDE        | 1              |
| 21   | 804210      | 壓腳板座        | WORK CLAMP CHECK HOLDER           | 1              |
| 22   | 804220      | 壓腳板座彈簧銷     | WORK CLAMP CHECK HOLDER SPRING    | 1              |
| 23   | 804230      | 壓腳彈簧板       | WORK CLAMP CHECK SPRING           | 2              |
| 24   | 804240      | 壓腳彈簧定位銷     | WORK CLAMP CHECK SPRING SET PIN   | 2              |
| 25   | 804251      | 鉸鏈銷螺釘       | HINGE SCREW                       | 1              |
| 26   | 804261      | 螺釘          | SCREW                             | 2              |
| 27   | 804270      | 壓腳板         | WORK CLAMP CHECK                  | 1              |
| 28   | 804280      | 壓腳板座組       | WORK CLAMP CHECK HOLDER ASM.      | 1              |
| 29   | -----       |             |                                   | 0              |
| 30   | 804300      | 送布拖板        | STITCH PLATE                      | 1              |
| 31   | 804310      | 支架蓋板組件      | BRACKET COVER                     | 1              |
| 31-1 | 804310-1    | 支架蓋板(小)     | BRACKET PLATE (SMALL)             | 1              |
| 31-2 | 804310-2    | 支架蓋板(大)     | BRACKET PLATE (BIG)               | 1              |
| 31-3 | 804310-3    | 蓋板梢         | BRACKET PIN                       | 1              |
| 32   | 804321      | 螺釘          | SCREW                             | 2              |
| 33   | 804330      | 送料支架        | WORK CLAMP ARM BRACKET ASM        | 1              |
| 34   | 804341      | 螺釘          | SCREW                             | 1              |
| 35   | 804350      | 送料支架連杆      | WORK CLAMP CARRIER BRACKET PITMAN | 1              |
| 36   | 804361      | 鉸鏈銷螺釘       | HINGE SCREW                       | 1              |
| 37   | 804370      | 壓腳臂滑杆       | WORK CLAMP ARM SLIDE ROD          | 1              |
| 38   | 804380      | 送布拖板支架導塊    | WORK CLAMP CARRIER BRACKET GUIDE  | 1              |
| 39   | 804391      | 螺釘          | SCREW                             | 2              |
| 40   | 804400      | 布料夾支架       | WORK CLAMP BRACKET                | 1              |
| 41   | 804410      | 連接銷         | CONNECTING PIN                    | 1              |
| 42   | 804421      | 螺釘          | SCREW                             | 1              |
| 43   | 804430      | 拖架          | BEARING ARM                       | 1              |
| 44   | 804441      | 螺釘          | SCREW                             | 1              |
| 45   | 804451      | 螺釘          | SCREW                             | 1              |
| 46   | 804461      | 調節送料長度鉸鏈銷螺釘 | LENGTH REGULATING HINGE STUD      | 1              |
| 47   | 804470      | 調節送料長度軸導板   | LENGTH REGULATING SHAFT GUIDE     | 1              |
| 48   | 804480      | 螺母          | NUT                               | 1              |
| 49   | 804490      | 調節送料長度刻度盤組件 | LENGTH REGULATING SCALE ASM.      | 1              |
| 49-1 | 804490-1    | 刻度盤桿        | LENGTH REGULATING SCALE LEVER     | 1              |
| 50   | 804500      | 曲柄          | BELL CRANK                        | 1              |
| 51   | 804511      | 螺釘          | SCREW                             | 1              |
| 52   | 804520      | 滾子          | ROLLER                            | 1              |
| 53   | 804530      | 曲柄滾子銷       | BELL CRANK ROLLER STUD            | 1              |
| 54   | 804540      | 螺母          | NUT                               | 1              |

## 5. NEEDLE BAR FRAME COMPONENTS 針棒搖動台關係



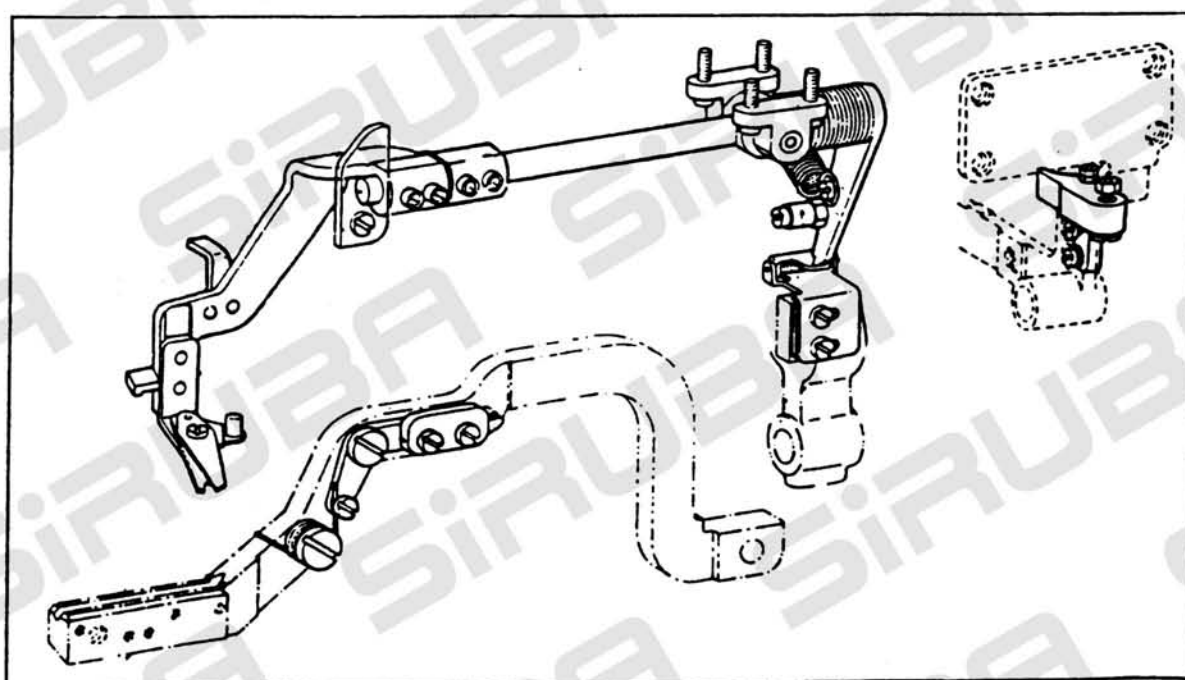
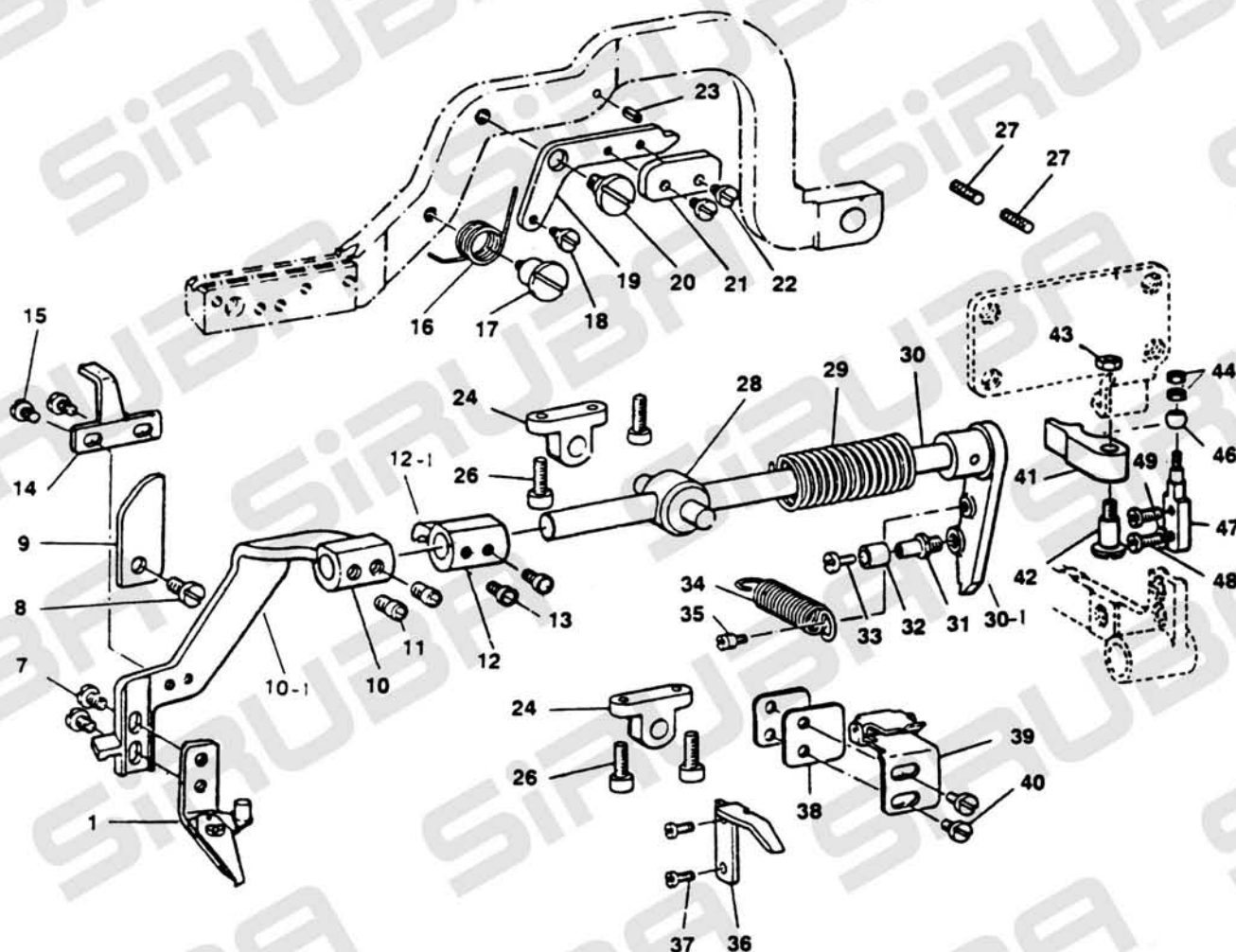
|      | Part<br>No. | 零 件 名 稱  | Description                       | Amt. 5<br>Req. |
|------|-------------|----------|-----------------------------------|----------------|
| 1    | 805010      | 針杆架滑塊    | NEEDLE BAR CONNECTION SLIDE BLOCK | 1              |
| 2    | 805021      | 滑塊銷螺釘    | STUD                              | 1              |
| 3    | 805030      | 螺母       | NUT                               | 1              |
| 4    | 805040      | 擺杆前套管    | FRAME ROCK SHAFT BUSHING,FRONT    | 1              |
| 5    | 805051      | 螺釘       | SCREW                             | 3              |
| 6    | 805060      | O型密封圈    | O-TYPE RUBBER                     | 1              |
| 7    | 805070      | 油芯       | OIL WICK                          | 1              |
| 8    | 805080      | 擺杆軸心     |                                   | 1              |
| 9    | 805090      | 擺杆後套管    | FRAME ROCK SHAFT BUSHING,REAR     | 1              |
| 10   | 805100      | 千鳥擺動曲柄   | FRAME ROCK SHAFT CRANK,           | 1              |
| 13   | 805130      | 擺杆後柄     | FRAME ROCK SHAFT CRANK,FRONT      | 1              |
| 14   | 805141      | 螺釘       | SCREW                             | 1              |
| 15   | -----       |          |                                   | 0              |
| 16   | 805161      | 鉸鏈銷螺釘    | HINGE SCREW                       | 1              |
| 17   | 805170      | 螺母       | NUT                               | 1              |
| 18   | 805180      | 針杆搖杆     | NEEDLE BAR PITMAN                 | 1              |
| 19   | 805190      | 擺杆連接導板   | ROCK SHAFT CONNECTION GUIDE       | 1              |
| 20   | 805201      | 螺釘       | SCREW                             | 2              |
| 21   | 805211      | 螺釘       | SCREW                             | 1              |
| 22   | -----       |          |                                   |                |
| 23   | 805230      | 機針傳動齒輪組件 | NEEDLE DRIVING GEAR               | 1              |
| 23-1 | 805230-1    | 齒輪架      | GEAR HOLDER                       | 1              |
| 24   | 805240      | 擋圈       | THRUST COLLAR                     | 1              |
| 25   | 805251      | 螺釘       | SCREW                             | 2              |
| 26   | -----       |          |                                   | 0              |
| 27   | 805270      | 凸輪軸心     | CAM SHAFT                         | 1              |
| 28   | 805280      | 油繩       | OIL WICK                          | 1              |
| 29   | 805291      | 螺釘       | SCREW                             | 1              |
| 30   | 805300      | 擋圈       | THRUST COLLAR                     | 1              |
| 31   | 805311      | 螺釘       | SCREW                             | 5              |
| 32   | 805320      | 針杆架      | NEEDLE BAR FRAME                  | 1              |
| 33   | 805331      | 螺釘       | SCREW                             | 1              |
| 34   | 805340      | 鉸鏈銷      | HINGE STUD                        | 1              |
| 35   | 805350      | 油繩       | OIL WICK                          | 1              |
| 36   | 805360      | 左固定片     | RETAINER,LEFT                     | 1              |
| 37   | 805371      | 螺釘       | SCREW                             | 1              |
| 38   | 805380      | 毛氈       | FELT                              | 2              |
| 39   | 805390      | 油繩高端固定板  | OIL FELT RETAINER,HIGH            | 1              |
| 40   | 805401      | 螺釘       | SCREW                             | 2              |
| 41   | 805410      | 針杆連接杆    | NEEDLE BAR CONNECTION             | 1              |
| 42   | -----       |          |                                   | 0              |
| 43   | 805430      | 油繩低端固定板  | OIL FELT RETAINER,LOWER           | 1              |
| 44   | 805440      | 針杆       | NEEDLE BAR                        | 1              |
| 45   | 805450      | 針杆導線架    | NEEDLE BAR BOBBIN THREAD GUIDE    | 1              |
| 46   | 805461      | 螺釘       | SCREW                             | 1              |
| 47   | 805470      | 機針       | NEEDLE DPx5                       | 1              |
| 48   | 805480      | 右固定片     | RETAINER,RIGHT                    | 1              |
| 49   | 805491      | 螺釘       | SCREW                             | 2              |
| 50   | 805500      | 固定導片     | POSITION BRACKET                  | 1              |
| 51   | 805510      | 針棒襯套管    | NEEDLE BAR BUSHING                | 1              |
| 52   | -----       |          |                                   | 0              |
| 53   | 805530      | 針棒襯套管    | NEEDLE BAR BUSHING                | 1              |
| 54   | -----       |          |                                   | 0              |
| 55   | 805550      | 軸心       | SHAFT                             | 1              |

## 6. OVEREDGING WIDTH ADJUSTING COMPONENTS 針擺幅調節關係



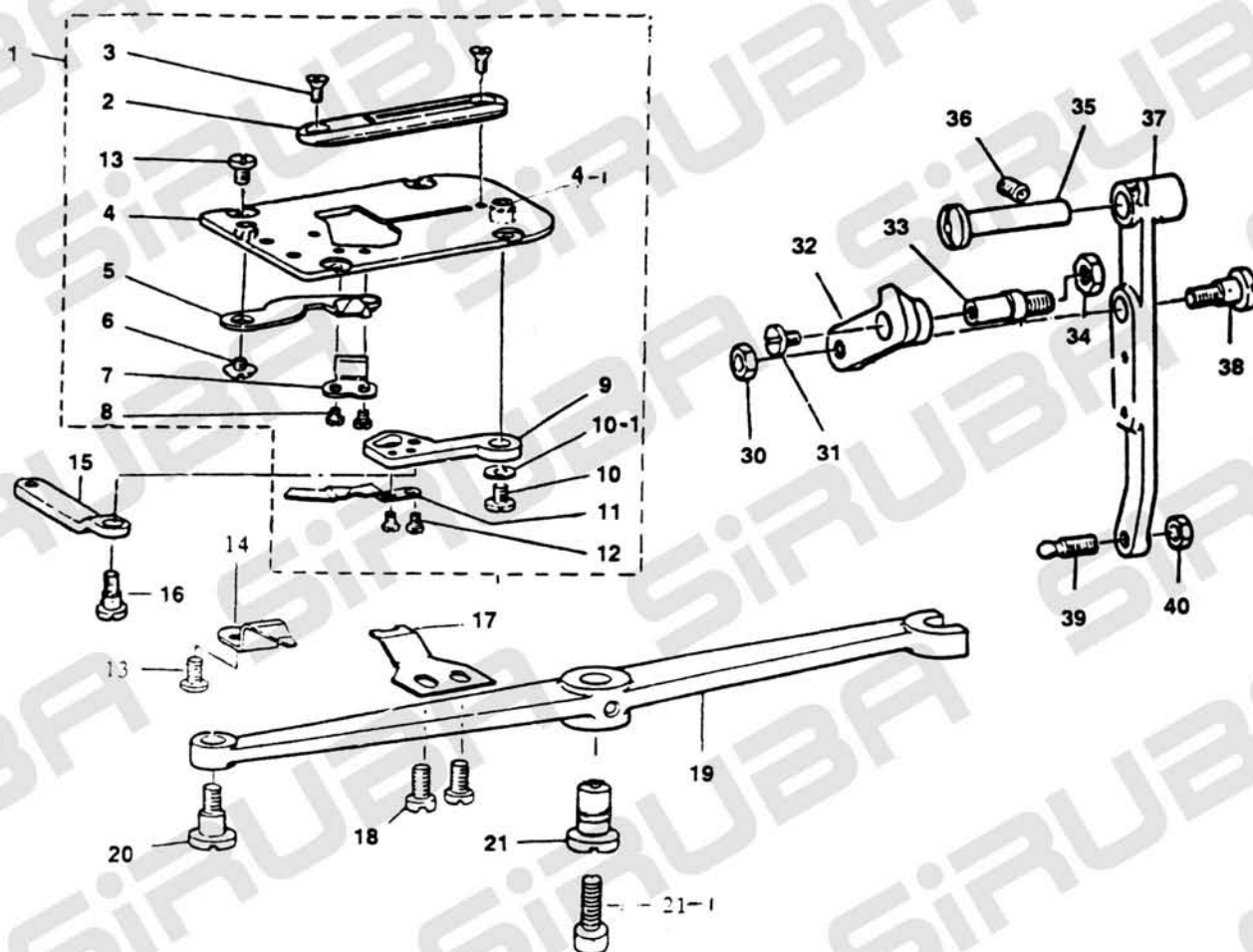
|    | Part No. | 零件名稱     | Description                      | Amt. Req. |
|----|----------|----------|----------------------------------|-----------|
| 1  | 806011   | 線跡寬度調節螺釘 | STITCH WIDTH REGULATING SCREW    | 3         |
| 2  | 806021   | 螺釘       | SCREW                            | 1         |
| 3  | -----    |          |                                  | 0         |
| 4  | 806040   | 螺母       | NUT                              | 4         |
| 5  | 806050   | 復位杆      | REPOSITIONING LEVER              | 1         |
| 6  | 806061   | 螺釘       | SCREW                            | 2         |
| 7  | 806070   | 離合杆      | TRIPPING ROD                     | 1         |
| 8  | 806081   | 螺釘       | SCREW                            | 1         |
| 9  | 806090   | 滾輪       | BALL BEARING                     | 1         |
| 10 | 806101   | 調節杆螺釘    | REGULATING LEVER STOPPER         | 1         |
| 11 | 806110   | 調節杆連接板   | REGULATING LEVER CONNECTION      | 1         |
| 12 | 806120   | 調節銷      | REGULATING HINGE PIN             | 1         |
| 13 | 806131   | 鉸鏈銷螺釘    | HINGE SCREW                      | 1         |
| 14 | 806140   | 指示曲柄     | BELL CRANK                       | 1         |
| 15 | 806150   | 滾輪       | ROLLER                           | 1         |
| 16 | 806161   | 鉸鏈銷螺釘    | HINGE SCREW                      | 1         |
| 17 | -----    |          |                                  | 0         |
| 18 | 806181   | 螺釘       | SCREW                            | 5         |
| 19 | 806190   | 刻度指示針    | BARRED WIDTH INDICATOR           | 1         |
| 20 | 806201   | 螺釘       | SCREW                            | 6         |
| 21 | 806210   | 調節杆叉     | REGULATING LEVER                 | 1         |
| 22 | 806220   | 彈簧板      | SPRING                           | 1         |
| 23 | 806231   | 螺釘       | SCREW                            | 2         |
| 24 | 806240   | 調節杆座     | REGULATING LEVER BRACKET         | 1         |
| 25 | 806251   | 螺釘       | SCREW                            | 2         |
| 26 | 806260   | 調節杆軸     | REGULATING LEVER SHAFT           | 1         |
| 27 | 806270   | 油繩       | OIL WICK                         | 1         |
| 28 | 806280   | 軸承座      | BEARING BRACKET                  | 1         |
| 29 | 806290   | 螺母       | NUT                              | 2         |
| 30 | 806301   | 緊定螺釘     | SCREW                            | 2         |
| 31 | 806310   | 針擺復位軸    | NEEDLE THROW REPOSITIONING SHAFT | 1         |
| 32 | 806321   | 螺釘       | SCREW                            | 2         |
| 33 | 806330   | 連接銷      | BEARING BRACKET                  | 2         |
| 34 | 806340   | 油繩       | OIL WICK                         | 2         |
| 35 | 806350   | 叉形連杆     | REPOSITIONING LEVER LINK         | 1         |
| 36 | 806360   | 連接銷      | CONNECTING FORKED LINK PIN       | 1         |
| 37 | 806370   | 油繩       | OIL WICK                         | 1         |
| 38 | -----    |          |                                  | 0         |
| 39 | -----    |          |                                  | 0         |
| 40 | 806400   | 連接銷      | CONNECTING STUD                  | 1         |
| 41 | 806410   | 油繩       | OIL WICK                         | 1         |
| 42 | 806420   | 拉簧       | SPRING                           | 1         |
| 43 | 806431   | 懸掛螺釘     | SUSPENSION SCREW                 | 2         |
| 44 | 806440   | 叉形連杆     | CONNECTING FORKED LINK           | 1         |
| 45 | 806450   | 拉簧       | SPRING                           | 1         |
| 46 | 806460   | 螺母       | NUT                              | 1         |
| 47 | 806471   | 調節杆限位螺釘  | REGULATING LEVER STOPPER         | 1         |
| 48 | 806480   | 縫寬指示針    | SEAM WIDTH INDICATOR             | 1         |
| 49 | 806491   | 螺釘       | SCREW                            | 2         |

# 7. NEEDLE THREAD TRIMMER COMPONENTS 上線切刀關係

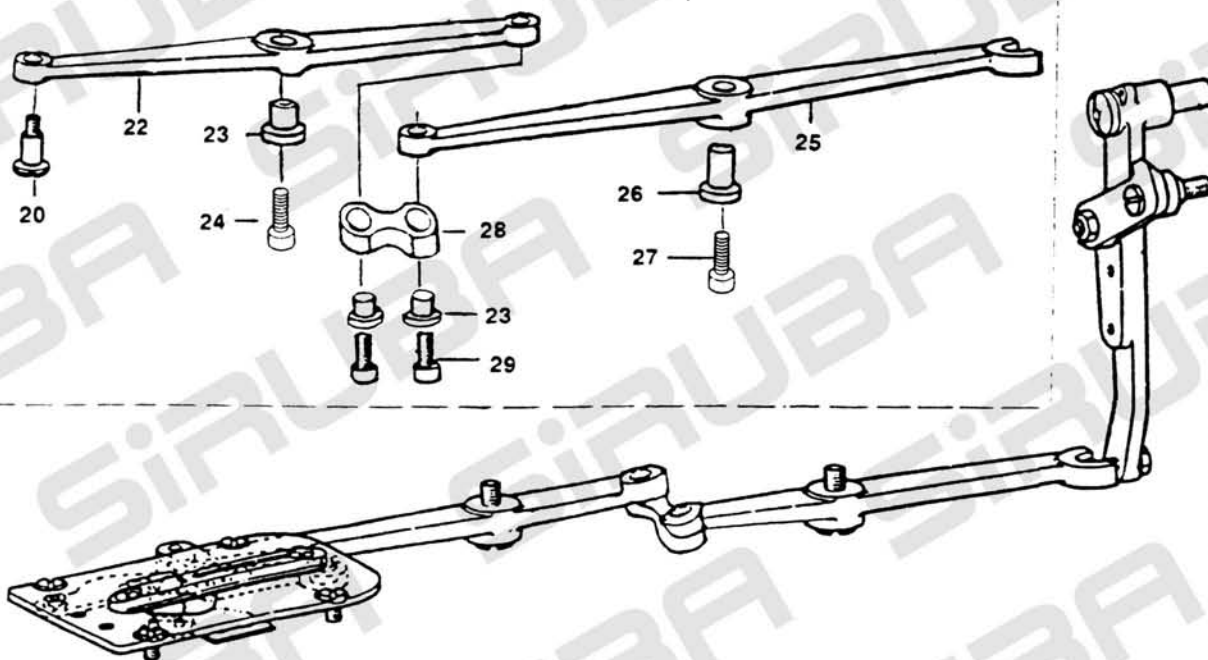


|      | Part<br>No. | 零 件 名 稱   | Description                         | Amt. 7<br>Req. |
|------|-------------|-----------|-------------------------------------|----------------|
| 1    | 807010      | 面線修整器組件   | NEEDLE THREAD TRIMMER ASM.          | 1              |
| 7    | 807071      | 螺釘        | SCREW                               | 2              |
| 8    | 807081      | 螺釘        | SCREW                               | 1              |
| 9    | 807090      | 剪面線器軸導板   | NEEDLE THREAD TRIMMER SHAFT GUIDE   | 1              |
| 10   | 807100      | 保持架組件     | THREAD TRIMMER HOLDER               | 1              |
| 10-1 | 807100-1    | 剪刀架       | NEEDLE THREAD TRIMMER HOLDER        | 1              |
| 11   | 807111      | 螺釘        | SCREW                               | 4              |
| 12   | 807120      | 剪面線保持架組件  | THREAD TRIMMER HOLDER               | 1              |
| 12-1 | 807120-1    | 附件        | THREAD TRIMMER HOLDER ATTACHMENT    | 1              |
| 13   | -----       |           |                                     | 0              |
| 14   | 807140      | 限位板       | LIMITING PLATE                      | 1              |
| 15   | 807151      | 螺釘        | SCREW                               | 2              |
| 16   | 807160      | 轉矩彈簧      | DRIVING CAM SPRING                  | 1              |
| 17   | 807170      | 傳動凸輪轉矩彈簧軸 | DRIVING CAM SPRING AXLE             | 1              |
| 18   | 807181      | 鉸鏈銷螺釘     | HINGE SCREW                         | 1              |
| 19   | 807190      | 傳動凸輪安裝板   | DRIVING CAM INSTALLING PLATE        | 1              |
| 20   | 807201      | 鉸鏈銷螺釘     | HINGE SCREW                         | 1              |
| 21   | 807210      | 傳動凸輪板     | DRIVING CAM                         | 1              |
| 22   | 807221      | 螺釘        | SCREW                               | 2              |
| 23   | 807230      | 彈性圓柱銷     | SPRING PIN                          | 1              |
| 24   | 807240      | 支架        | BRACKET                             | 2              |
| 25   | -----       |           |                                     |                |
| 26   | 807261      | 螺釘        | SCREW                               | 4              |
| 28   | 807280      | 萬向接頭      | UNI ERSAL JOINT                     | 1              |
| 29   | 807270      | 彈簧        | SPRING                              | 1              |
| 30   | 807300      | 剪面線器軸組件   | NEEDLE THREAD TRIMMER SHAFT         | 1              |
| 30-1 | 807300-1    | 剪面線器進出移動件 | NEEDLE THREAD TRIMMER MOVEABLE BASE | 1              |
| 31   | 807310      | 滾輪銷       | STUD                                | 1              |
| 32   | 807320      | 滾子        | CAM ROLL                            | 1              |
| 33   | 807331      | 螺釘        | SCREW                               | 1              |
| 34   | 807340      | 彈簧        | SPRING                              | 1              |
| 35   | 807351      | 懸掛螺釘      | SUSPENSION SCREW                    | 1              |
| 36   | 807360      | 壓腳臂鎖門     | LATCH PRESSER ARM                   | 1              |
| 37   | 807371      | 螺釘        | SCREW                               | 2              |
| 38   | 807380      | 墊片        | SPACER                              | 2              |
| 39   | 807390      | 鎖架組件      | LOCKING BRACKET LATCH               | 1              |
| 40   | 807401      | 螺釘        | SCREW                               | 2              |
| 41   | 807410      | 剪線軸頂塊     | THREAD TRIMMING SHAFT SEGMENT       | 1              |
| 42   | 807421      | 鉸鏈銷螺釘     | HINGE SCREW                         | 1              |
| 43   | 807430      | 螺母        | NUT                                 | 1              |
| 44   | 807440      | 螺母        | NUT                                 | 2              |
| 45   | -----       |           |                                     | 0              |
| 46   | 807460      | 滾柱        | ROLLER                              | 1              |
| 47   | 807470      | 嵌件        | STUD                                | 1              |
| 48   | 807481      | 螺釘        | SCREW                               | 2              |
| 49   | 807490      | 墊圈        | WASHER                              | 1              |

# 8. BOBBIN THREAD TRIMMER COMPONENTS 下線切刀關係



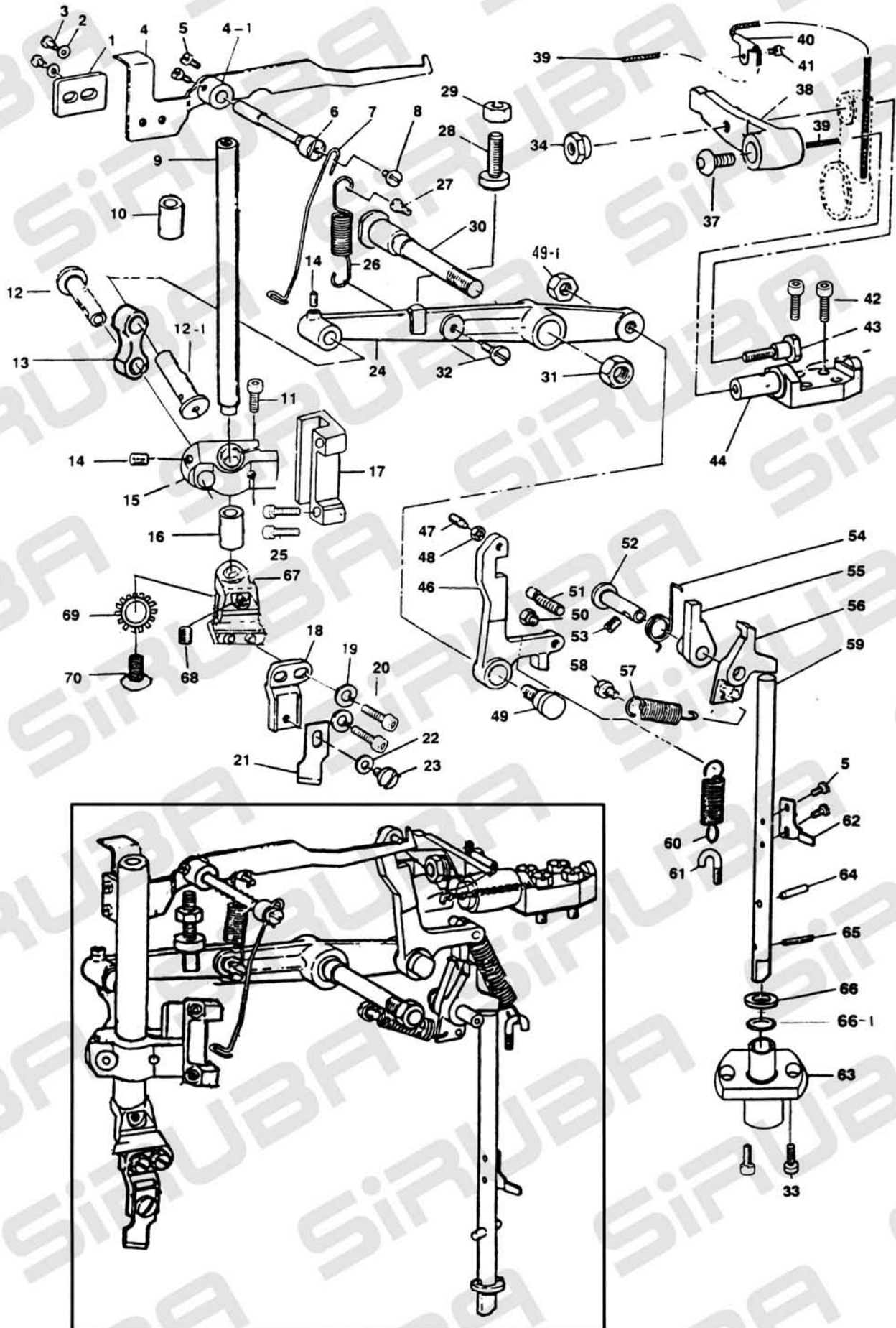
## EXCLUSIVE PARTS FOR 890 ( CYLINDER BED MACHINE ) 890 專用零件 ( 筒狀機台 )



|      | Part<br>No. | 零 件 名 稱  | Description                         | Amt. 8<br>Req. |
|------|-------------|----------|-------------------------------------|----------------|
| 1    | 808010      | 剪底線器組件   | BOBBIN THREAD TRIMMER ASM.          | 1              |
| 2    | 808020      | 針板       | NEEDLE PLATE                        | 1              |
| 3    | 808031      | 螺釘       | SCREW                               | 2              |
| 4    | 808040      | 針板座      | THROAT PLATE BASE                   | 1              |
| 4-1  | 808040 -1   | 附件       | ATTACHMENT                          | 1              |
| 5    | 808050      | 剪底線動刀    | BOBBIN THREAD TRIMMER               | 1              |
| 6    | 808061      | 螺釘       | SCREW                               | 1              |
| 7    | 808070      | 剪底線定刀    | COUNTER KNIFE                       | 1              |
| 8    | 808081      | 定刀螺釘     | SCREW                               | 2              |
| 9    | 808090      | 剪底線杆     | BOBBIN THREAD TRIMMER LEVER         | 1              |
| 10   | 808101      | 螺釘       | SCREW                               | 1              |
| 10-1 | 808100      | 墊圈       | WASHER                              | 1              |
| 11   | 808110      | 底線拉杆     | BOBBIN THREAD PULLER                | 1              |
| 12   | 808121      | 螺釘       | SCREW                               | 2              |
| 13   | 808131      | 螺釘       | SCREW                               | 4              |
| 14   | 808141      | 壓板       | PRESS PLATE                         | 1              |
| 15   | 808150      | 剪底線連杆    | BOBBIN THREAD TRIMMER LINK          | 1              |
| 16   | 808161      | 螺釘       | SCREW                               | 1              |
| 17   | 808170      | 梭芯導線架    | BOBBIN THREAD GUIDE                 | 1              |
| 18   | 808181      | 螺釘       | SCREW                               | 2              |
| 19   | 808190      | 剪底線傳動杆   | BOBBIN THREAD TRIMMER DRIVING LEVER | 1              |
| 20   | 808201      | 鉸鏈銷螺釘    | HINGE SCREW                         | 1              |
| 21   | 808211      | 鉸鏈銷螺釘    | HINGE SCREW                         | 1              |
| 22   | 808220      | 剪底線傳動杆   | BOBBIN THREAD TRIMMER DRIVING LEVER | 1              |
| 23   | 808230      | 套筒       | SLEEVE                              | 3              |
| 24   | 808241      | 鉸鏈銷螺釘杆套筒 | HINGE SCREW                         | 1              |
| 25   | 808250      | 剪底線傳動杆   | BOBBIN THREAD TRIMMER DRIVING LEVER | 1              |
| 26   | 808260      | 套筒       | SLEEVE                              | 1              |
| 27   | 808271      | 螺釘       | SCREW                               | 1              |
| 28   | 808280      | 剪底線傳動杆連接 | DRIVING LEVER CONNECTION            | 1              |
| 29   | 808291      | 螺釘       | SCREW                               | 2              |
| 30   | 808300      | 螺母       | NUT                                 | 1              |
| 31   | 808311      | 螺釘銷      | SCREW                               | 1              |
| 32   | 808320      | 凸輪連杆     | CONNECTING LINK                     | 1              |
| 33   | 808331      | 限位螺釘     | STOP SCREW                          | 1              |
| 34   | 808340      | 螺母       | NUT                                 | 1              |
| 35   | 808350      | 鉸鏈銷      | HING STUD                           | 1              |
| 36   | 808361      | 緊定螺釘     | SCREW                               | 1              |
| 37   | 808370      | 剪底線器傳動臂  | BOBBIN THREAD TRIMMER DRIVING ARM   | 1              |
| 38   | 808381      | 鉸鏈銷螺釘    | HINGE SCREW                         | 1              |
| 39   | 808391      | 球形螺釘     | BALL SCREW                          | 1              |
| 40   | 808400      | 螺母       | NUT                                 | 1              |

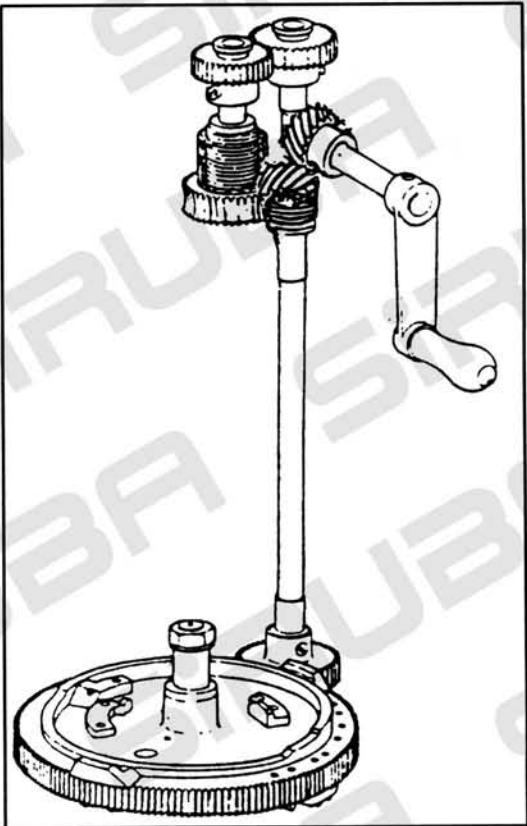
# 9. KNIFE BAR COMPONENTS

刀棒關係



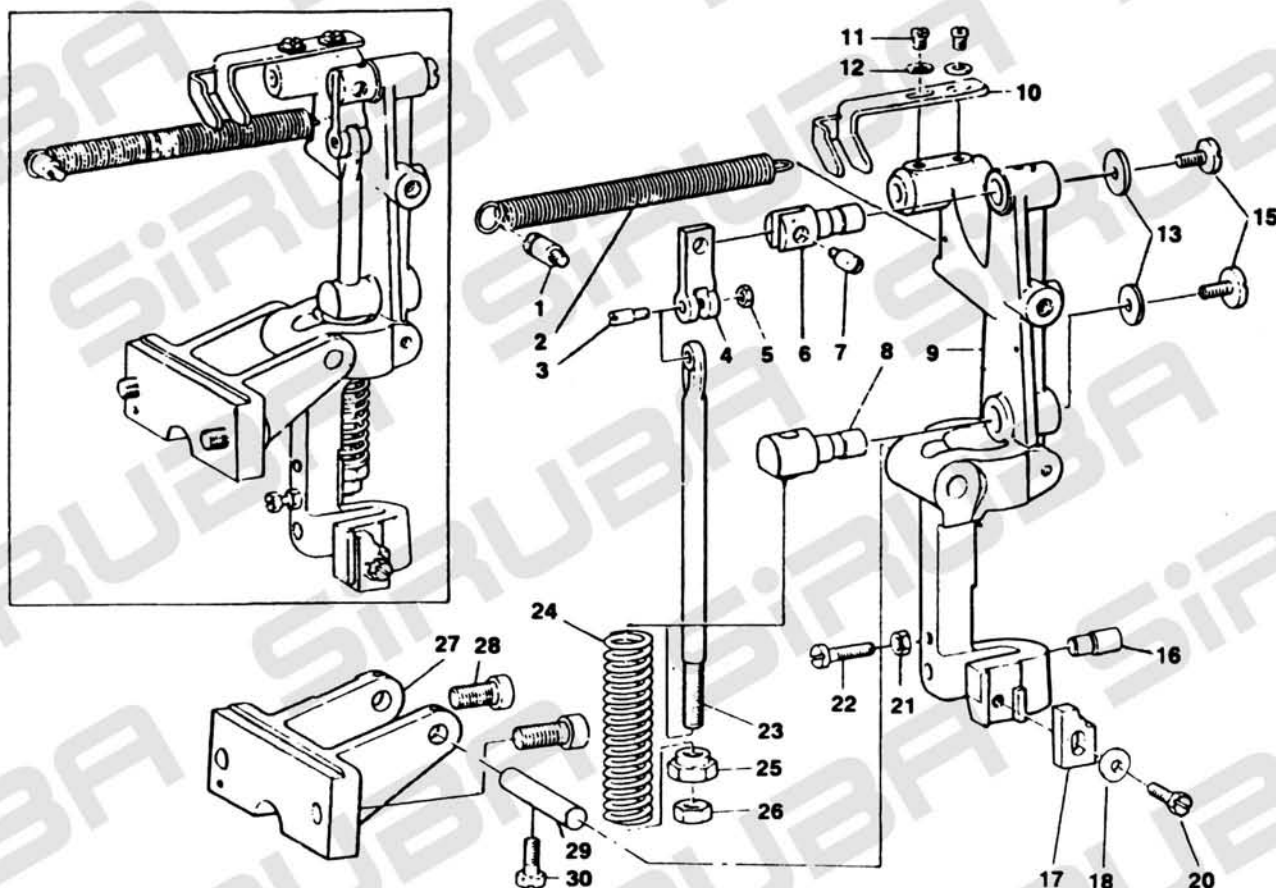
|      | Part<br>No. | 零 件 名 稱 | Description                        | Amt. 9<br>Req. |
|------|-------------|---------|------------------------------------|----------------|
| 1    | 809010      | 停刀杆架    | KNIFE STOP LEVER BRACKET           | 1              |
| 2    | 809020      | 墊圈      | WASHER                             | 2              |
| 3    | 809031      | 螺釘      | SCREW                              | 2              |
| 4    | 809040      | 停刀杆     | KNIFE STOP LEVER                   | 1              |
| 4-1  | 809040-1    | 停刀杆組件   | KNIED STOP LEVER ASM               | 1              |
| 5    | 809051      | 螺釘      | SCREW                              | 4              |
| 6    | 809060      | 停刀杆鉸鏈銷  | KNIFE STOP LEVER HINGE STUD        | 1              |
| 7    | 809070      | 線檢測鋼絲   | THREAD CHECK WIRE                  | 1              |
| 8    | 809081      | 螺釘      | SCREW                              | 1              |
| 9    | 809090      | 刀杆      | KNIFE BAR                          | 1              |
| 10   | 809100      | 套管      | KNIFE BAR BUSHUNG                  | 1              |
| 11   | 809111      | 螺釘      | SCREW                              | 1              |
| 12   | 809120      | 連桿銷(長)  | CONNECTING LINK PIN(LONG)          | 2              |
| 12-1 | 809120-1    | 連桿銷(短)  | CONNECTING LINK PIN(SHORT)         | 1              |
| 13   | 809130      | 刀杆連杆    | KNIFE BAR CONNECTING LINK          | 1              |
| 14   | 809141      | 螺釘      | SCREW                              | 2              |
| 15   | 809150      | 刀杆定位架   | KNIFE BAR POSITION BRACKET         | 1              |
| 16   | 809160      | 套管      | KNIFE BAR BUSHING                  | 1              |
| 17   | 809170      | 刀杆導引    | KNIFE BAR GUIDE                    | 1              |
| 18   | 809180      | 刀固定架    | KNIFE HOLDER                       | 1              |
| 19   | 809190      | 彈簧墊圈    | SPRING WASHER                      | 1              |
| 20   | 809201      | 螺釘      | SCREW                              | 2              |
| 21   | 809210      | 1/2"L刀  | KNIFE 1/2"                         | 1              |
| 22   | 809220      | 墊圈      | WASHER                             | 1              |
| 23   | 809231      | 螺釘      | SCREW                              | 1              |
| 24   | 809240      | 刀杆傳動杆   | KNIFE BAR DRIVING LEVER            | 1              |
| 25   | 809251      | 螺釘      | SCREW                              | 2              |
| 26   | 809260      | 彈簧      | SPRING                             | 1              |
| 27   | 809271      | 鉸鏈銷螺釘   | HINGE SCREW                        | 1              |
| 28   | 809281      | 調節螺釘    | ADJUSTING SCREW                    | 1              |
| 29   | 809290      | 螺母      | NUT                                | 2              |
| 30   | 809300      | 刀杆傳動杆軸  | KNIFE BAR DRIVING LEVER SHAFT      | 1              |
| 31   | 809310      | 螺母      | NUT                                | 1              |
| 32   | 809321      | 鉸鏈銷螺釘   | HINGE SCREW                        | 1              |
| 33   | 809330      | 螺絲      | SCREW                              | 2              |
| 34   | 809340      | 刀杆傳動杆螺母 | KNIFE BAR DRIVING CRANK NUT        | 1              |
| 37   | 809371      | 螺釘      | SCREW                              | 1              |
| 38   | 809380      | 刀杆傳動杆曲柄 | KNIFE BAR DRIVING CRANK            | 1              |
| 39   | 809390      | 油芯      | OIL WICK                           | 1              |
| 40   | 809400      | 油芯保持架   | OIL WICK HOLDER                    | 1              |
| 41   | 809411      | 螺釘      | SCREW                              | 1              |
| 42   | 809421      | 螺釘      | SCREW                              | 2              |
| 43   | 809431      | 鉸鏈銷螺釘   | HINGE SCREW                        | 1              |
| 44   | 809440      | 刀杆傳動曲柄軸 | KNIFE BAR DRIVING CRANK SHAFT      | 1              |
| 46   | 809460      | 刀杆傳動杆   | KNIFE BAR DRIVING LEVER BELL CRANK | 1              |
| 47   | 809471      | 螺釘      | SCREW                              | 1              |
| 48   | 809480      | 螺母      | NUT                                | 1              |
| 49   | 809491      | 鉸鏈銷螺釘   | HINGE SCREW                        | 1              |
| 49-1 | 809491-1    | 螺帽      | NUT                                | 1              |
| 50   | 809500      | 螺母      | NUT                                | 1              |
| 51   | 809510      | 偏心銷     | PIN                                | 1              |
| 52   | 809520      | 鉸鏈銷     | HING STUD                          | 1              |
| 53   | 809531      | 螺釘      | SCREW                              | 1              |
| 54   | 809540      | 轉矩扭簧    | TENSION SPRING                     | 1              |
| 55   | 809550      | 棘輪爪(B)  | RATCHET PAWL(B)                    | 1              |
| 56   | 809560      | 棘輪爪(A)  | RATCHET PAWL(A)                    | 1              |
| 57   | 809570      | 拉簧      | TENSION SPRING                     | 1              |
| 58   | 809581      | 鉸鏈銷螺釘   | HINGE SCREW                        | 1              |
| 59   | 809590      | 傳動杆     | DRIVING ROD                        | 1              |
| 60   | 809600      | 拉簧      | TENSION SPRING                     | 1              |
| 61   | 809611      | 懸掛螺釘    | SUSPENSION SCREW                   | 1              |
| 62   | 809620      | 指形板     | FINGER                             | 1              |
| 63   | 809631      | 傳動杆定位架  | DRIVING ROD POSITION BRACKET       | 1              |
| 64   | 809640      | 圍柱銷     | POSITIONING PIN                    | 1              |
| 65   | 809650      | 彈簧圍柱銷   | SPRING PIN                         | 1              |
| 66   | 809660      | 止推墊圈    | THRUST WASHER                      | 1              |
| 66-1 | 809660-1    | 鐵圈      | IRON RING                          | 1              |
| 67   | 809670      | 刀座固定架   | KNIFE HOLDER POSITION BRACKET      | 1              |
| 68   | 809681      | 螺釘      | SCREW                              | 1              |
| 69   | 809690      | 墊圈      | WASHER                             | 1              |
| 70   | 809701      | 螺釘      | SCREW                              | 1              |

### 送布凸輪關係



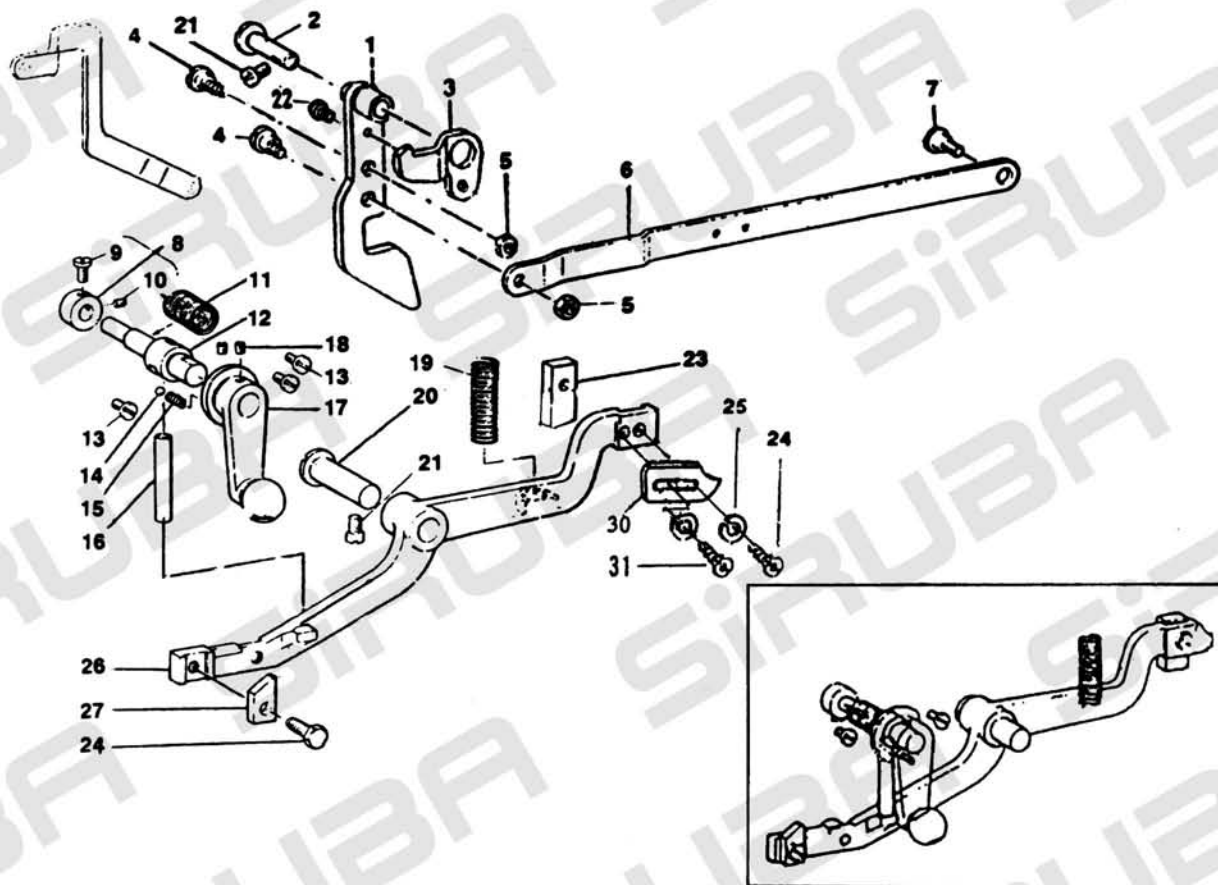
|    | Part<br>No. | 零 件 名 稱  | Description                       | Amt. 10<br>Req. |
|----|-------------|----------|-----------------------------------|-----------------|
| 1  | 810010      | 直齒輪      | SPUR GEAR                         | 1               |
| 2  | 810020      | 直齒輪軸套    | SPUR GEAR BUSHING                 | 2               |
| 3  | 810030      | 直齒輪定位銷   | SPUR GEAR BUSHING PIN             | 4               |
| 4  | 810041      | 螺釘       | SCREW                             | 4               |
| 5  | 810050      | 離合環      | CLUTCH COLLAR                     | 2               |
| 6  | 810061      | 螺釘       | SCREW                             | 4               |
| 7  | 810070      | 固定套管     | POSITION BUSHING                  | 1               |
| 8  | 810080      | 離合彈簧     | CLUTCH SPRING                     | 2               |
| 9  | 810090      | 送布凸輪傳動蝸輪 | FEED CAM DRIVING WORM WHEEL       | 1               |
| 10 | 810100      | 傳動蝸輪軸    | FEED CAM DRIVING WORM WHEEL SHAFT | 1               |
| 11 | 810110      | 油氈       | COLLAR                            | 1               |
| 12 | 810120      | 送布凸輪傳動蝸輪 | FEED CAM DRIVING SHAFT            | 1               |
| 13 | 810130      | 直齒輪      | SPUR GEAR                         | 1               |
| 14 | 810140      | 手搖曲柄左齒輪  | HANDLE CRANK BEVEL GEAR,LEFT      | 1               |
| 15 | 810150      | 手搖曲柄右齒輪  | HANDLE CRANK BEVEL GEAR,RIGHT     | 1               |
| 16 | 810161      | 螺釘       | SCREW                             | 2               |
| 17 | 810170      | 擋圈       | THRUST COLLAR                     | 1               |
| 18 | 810181      | 螺釘       | SCREW                             | 2               |
| 19 | 810190      | 手搖曲柄軸    | HANDLE CRANK SHAFT                | 1               |
| 20 | 810200      | 手搖曲柄     | HANDLE CRANK                      | 1               |
| 21 | 810211      | 螺釘       | SCREW                             | 2               |
| 22 | 810221      | 螺釘       | SCREW                             | 1               |
| 23 | 810230      | 手柄       | HANDLE SHAFT                      | 1               |
| 24 | 810240      | 手柄軸      | HANDLE SHAFT                      | 1               |
| 25 | 810250      | 送布凸輪傳動蝸輪 | FEED CAM DRIVING GEAR             | 1               |
| 26 | 810261      | 螺釘       | SCREW                             | 2               |
| 27 | 810270      | 螺母       | NUT                               | 1               |
| 28 | 810280      | 止推墊圈     | THRUST WASHER                     | 1               |
| 29 | 810290      | 送布凸輪軸    | FEED CAM SHAFT                    | 1               |
| 30 | 810300      | 送布凸輪     | FEED CAM                          | 1               |
| 31 | 810310      | 墊圈       | WASHER                            | 1               |
| 32 | 810321      | 螺釘       | SCREW                             | 1               |
| 33 | 810330      | 加固離合塊    | BAR TRIPPING SEGMENT              | 1               |
| 34 | -----       |          |                                   | 0               |
| 35 | 810350      | 墊圈       | WASHER                            | 14              |
| 36 | 810361      | 螺釘       | SCREW                             | 10              |
| 37 | 810370      | 切刀離合塊    | KNIFE TRIPPING SEGMENT            | 1               |
| 38 | 810380      | 松線離合塊    | TENSION RELEASE TRIPPING SEGMENT  | 1               |
| 39 | 810390      | 松線離合塊    | TENSION RELEASE TRIPPING SEGMENT  | 1               |
| 40 | -----       |          |                                   | 0               |
| 41 | 810410      | 加固離合塊    | BAR TRIPPING SEGMENT              | 1               |
| 42 | -----       |          |                                   | 0               |
| 43 | 810430      | 低速凸輪塊    | LOW SPEED CAM                     | 1               |
| 44 | 810440      | 止動凸輪塊    | STOPPER CAM                       | 1               |
| 45 | 810451      | 螺釘       | SCREW                             | 4               |
| 46 | 810460      | 齒輪定位架    | GEAR POSITION BRACKET             | 1               |
| 47 | 810470      | 螺釘       | SCREW                             | 2               |
| 48 | 810481      | 螺絲       | SCREW                             | 1               |

# 11. STOP-MOTION COMPONENTS 遮斷裝置關係



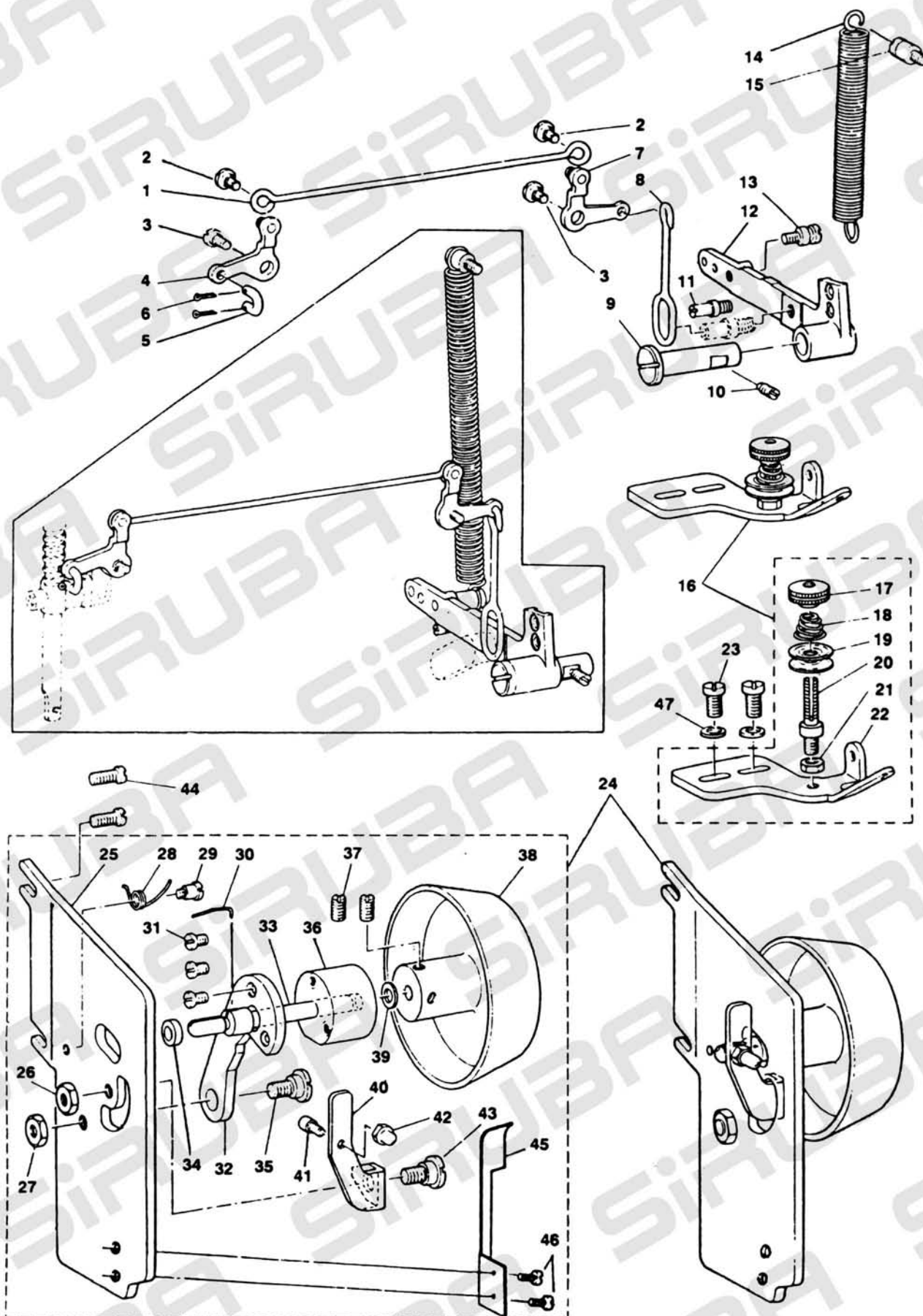
|    | Part No. | 零件名稱      | Description                   | Amt. Req. |
|----|----------|-----------|-------------------------------|-----------|
| 1  | 811010   | 吊簧螺釘      | SUSPENSION SCREW              | 1         |
| 2  | 811020   | 拉簧        | TENSION SPRING                | 1         |
| 3  | 811031   | 止動連杆鉸鏈銷螺釘 | STOP LINK ROD HINGE SCREW     | 1         |
| 4  | 811040   | 止動鉸接板     | STOP LINK                     | 1         |
| 5  | 811050   | 螺母        | NUT                           | 1         |
| 6  | 811060   | 止動連杆接頭    | STOP LINK HINGE STUD          | 1         |
| 7  | 811071   | 止動鉸接板連接螺釘 | STOP LINK CONNECTING SCREW    | 1         |
| 8  | 811080   | 止動連杆接頭    | STOP LINK ROD HINGE STUD      | 1         |
| 9  | 811090   | 止動杠杆      | STOP MOTION LEVER             | 1         |
| 10 | 811100   | 皮帶撥叉      | BELT SHIFTER                  | 1         |
| 11 | 811111   | 螺釘        | SCREW                         | 2         |
| 12 | 811120   | 墊圈        | WASHER                        | 2         |
| 13 | 811130   | 墊圈        | WASHER                        | 2         |
| 14 | -----    |           |                               | 0         |
| 15 | 811151   | 螺釘        | SCREW                         | 2         |
| 16 | 811160   | 限位銷       | STOP PIN                      | 1         |
| 17 | 811170   | 鎖定板       | LATCH                         | 1         |
| 18 | 811180   | 墊圈        | WASHER                        | 1         |
| 19 | -----    |           |                               | 0         |
| 20 | 811201   | 螺釘        | SCREW                         | 1         |
| 21 | 811210   | 螺母        | NUT                           | 1         |
| 22 | 811221   | 螺釘        | SCREW                         | 1         |
| 23 | 811230   | 止動連杆      | STOP LINK ROD                 | 1         |
| 24 | 811240   | 止動杆壓簧     | STOP LINK ROD PRESSURE SPRING | 1         |
| 25 | 811250   | 止動連杆螺母    | NUT FOR STOPMLINK ROD         | 1         |
| 26 | 811260   | 螺母        | NUT                           | 1         |
| 27 | 811270   | 止動杠杆座     | STOP MOTION LEVER BRACKET     | 1         |
| 28 | 811281   | 圓柱頭內六角螺釘  | SCREW                         | 2         |
| 29 | 811290   | 銷         | PIN                           | 1         |
| 30 | 811301   | 螺釘        | SCREW                         | 1         |

## 12. TRIPPING LEVER COMPONENTS 手動停止關係



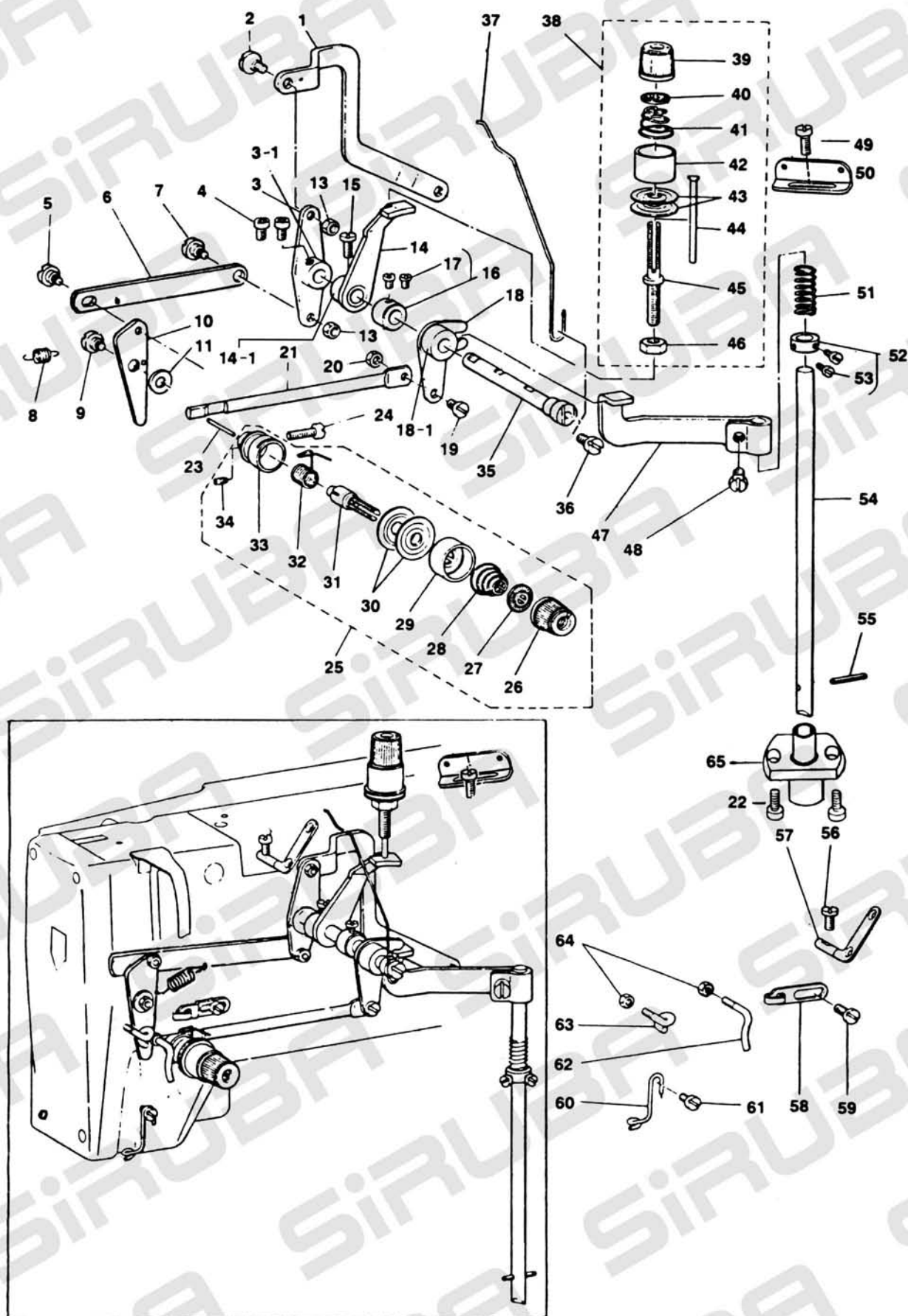
|    | Part No. | 零件名稱     | Description                   | Amt. Req. |
|----|----------|----------|-------------------------------|-----------|
| 1  | 812010   | 起動架      | STARTING LINK                 | 1         |
| 2  | 812020   | 鉸鏈銷      | HINGE STUD                    | 1         |
| 3  | 812030   | 安全底      | SAFETY BASE                   | 1         |
| 4  | 812041   | 偏心鉸鏈銷螺釘  | HINGE SCREW                   | 1         |
| 5  | 812050   | 螺母       | NUT                           | 2         |
| 6  | 812060   | 起動架拉杆    | STARTING LINK DRIVING ROD     | 1         |
| 7  | 812071   | 鉸鏈銷螺釘    | HINGE SCREW                   | 1         |
| 8  | 812080   | 下軸後軸承擋圈  | THRUST COLLAR                 | 1         |
| 9  | 812091   | 螺釘       | SCREW                         | 1         |
| 10 | 812101   | 螺釘       | SCREW                         | 1         |
| 11 | 812110   | 曲軸轉矩彈簧   | CRANK SHAFT TENSION SPRING    | 1         |
| 12 | 812120   | 手制動曲柄軸   | HAND STOP CRANK SHAFT         | 1         |
| 13 | 812131   | 螺釘       | SCREW                         | 2         |
| 14 | 812140   | 鋼球       | BALL                          | 1         |
| 15 | 812150   | 曲柄壓簧     | CRANK SHAFT PRESSURE SPRING   | 1         |
| 16 | 812160   | 手制動軸     | HAND STOP ROD                 | 1         |
| 17 | 812170   | 手柄       | HAND STOP CRANK               | 1         |
| 18 | 812181   | 螺釘       | SCREW                         | 2         |
| 19 | 812190   | 運轉脫離杆壓簧  | TRIPPING LEVER TENSION SPRING | 1         |
| 20 | 812200   | 運轉脫離杆鉸鏈銷 | TRIPPING LEVER HINGE PIN      | 1         |
| 21 | 812211   | 螺釘       | SCREW                         | 1         |
| 22 | 812221   | 螺釘       | SCREW                         | 0         |
| 23 | 812230   | 鎖定板      | LATCH                         | 1         |
| 24 | 812241   | 螺釘       | SCREW                         | 2         |
| 25 | 812250   | 輕型彈簧墊圈   | SPRING WASHER                 | 1         |
| 26 | 812260   | 運轉脫離杆    | TRIPPING LEVER                | 1         |
| 27 | 812270   | 脫離爪      | TRIPPING DOG                  | 1         |
| 28 | 812280   | 滾輪       | ROLLER                        | 1         |
| 29 | 812291   | 鉸鏈銷螺釘    | HINGE SCREW                   | 1         |
| 30 | 812300   | 撥叉凸板     | SHIFTER PLATE                 | 1         |
| 31 | 812311   | 螺釘       | SCREW                         | 1         |

# 13. LIFTING LEVER & BOBBIN WINDER COMPONENTS 壓腳提升架、繞線器組



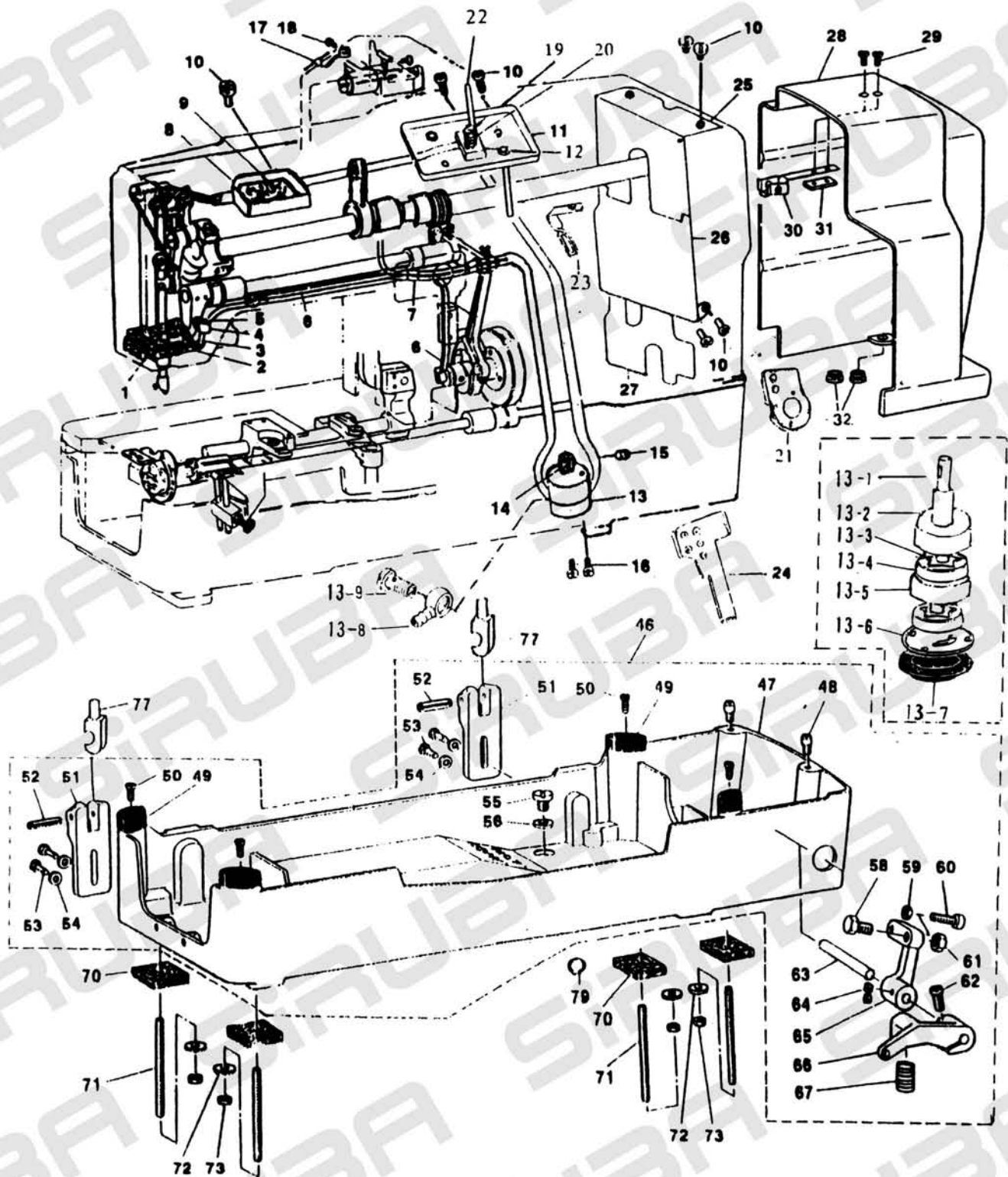
|    | Part<br>No. | 零 件 名 稱  | Description                   | Amt. 13<br>Req. |
|----|-------------|----------|-------------------------------|-----------------|
| 1  | 813010      | 壓棒提升長拉杆  | PRESSER BAR LIFTING ROD, LONG | 1               |
| 2  | 813020      | 螺釘       | SCREW                         | 2               |
| 3  | 813031      | 鉸鏈銷螺釘    | HINGE SCREW                   | 2               |
| 4  | 813040      | 前部杠杆     | LEVER, FRONT                  | 1               |
| 5  | 813050      | 鏈環       | LINK                          | 1               |
| 6  | 813060      | 開口銷      | SPLIT PIN                     | 2               |
| 7  | 813070      | 後部杠杆     | LEVER, REAR                   | 1               |
| 8  | 813080      | 壓棒提升拉杆   | PRESSER BAR LIFTING ROD       | 1               |
| 9  | 813090      | 離合杆鉸鏈銷   | TRIPPING LEVER HINGE PIN      | 1               |
| 10 | 813101      | 螺釘       | SCREW                         | 1               |
| 11 | 813110      | 提升杆限位螺釘  | LIFTING LEVER STOPPER         | 1               |
| 12 | 813120      | 壓棒提升杆    | PRESSER BAR LIFTING LEVER     | 1               |
| 13 | 813131      | 懸掛螺釘     | SUSPENSION SCREW              | 1               |
| 14 | 813140      | 壓腳提升彈簧   | PRESSER FOOT LIFTING SPRING   | 1               |
| 15 | 813151      | 吊簧螺釘     | SUSPENSION SCREW              | 1               |
| 16 | 813160      | 繞線器過線組件  | BOBBIN WINDER TENSION ASM.    | 1               |
| 17 | 813170      | 第一夾線螺母   | BOBBIN WINDER TENSION NUT     | 1               |
| 18 | 813180      | 繞梭心線夾線彈簧 | BOBBIN WINDER TENSION SPRING  | 1               |
| 19 | 813190      | 夾線盤      | BOBBIN WINDER TENSION DISC    | 2               |
| 20 | 813200      | 繞梭心過線螺釘  | BOBBIN WINDER TENSION POST    | 1               |
| 21 | 813210      | 螺母       | NUT                           | 1               |
| 22 | 813220      | 繞梭心線過線架  | BOBBIN WINDER TENSION BRACKET | 1               |
| 23 | 813231      | 螺釘       | SCREW                         | 2               |
| 24 | 813240      | 繞線器組件    | BOBBIN WINDER ASM.            | 1               |
| 25 | 813250      | 繞線器板     | BOBBIN WINDER BRACKET         | 1               |
| 26 | 813260      | 螺母       | NUT                           | 1               |
| 27 | 813270      | 螺母       | NUT                           | 1               |
| 28 | 813280      | 滿線跳板簧    | BOBBIN WINDER SPRING          | 1               |
| 29 | 813291      | 鉸鏈銷螺釘    | HINGE SCREW                   | 1               |
| 30 | 813300      | 梭心固定簧    | BOBBIN SET SPRING             | 1               |
| 31 | 813311      | 螺釘       | SCREW                         | 3               |
| 32 | 813320      | 帶輪軸座     | PULLEY SHAFT BASE             | 1               |
| 33 | 813330      | 繞線器軸     | BOBBIN WINDER SHAFT           | 1               |
| 34 | 813340      | 軸套       | COLLAR                        | 1               |
| 35 | 813351      | 鉸鏈銷螺釘    | HINGE SCREW                   | 1               |
| 36 | 813360      | 繞線器軸軸套   | BOBBIN WINDER SHAFT BUSHING   | 1               |
| 37 | 813371      | 螺釘       | SCREW                         | 2               |
| 38 | 813380      | 繞線器傳動帶輪  | BOBBIN WINDER DRIVING PULLEY  | 1               |
| 39 | 813390      | 墊圈       | WASHER                        | 1               |
| 40 | 813400      | 滿線跳板     | BOBBIN WINDER TRIP LATCH      | 1               |
| 41 | 813411      | 調節螺釘     | ADJUSTING SCREW               | 1               |
| 42 | 813420      | 調節螺母     | ADJUSTING NUT                 | 1               |
| 43 | 813431      | 鉸鏈銷螺釘    | HINGE SCREW                   | 1               |
| 44 | 813441      | 螺釘       | SCREW                         | 2               |
| 45 | 813450      | 彈簧板      | SPRING BRACKET                | 1               |
| 46 | 813461      | 螺釘       | SCREW                         | 2               |
| 47 | 813470      | 墊圈       | WASHER                        | 2               |

# 14. THREAD TENSION COMPONENTS 夾線器關係

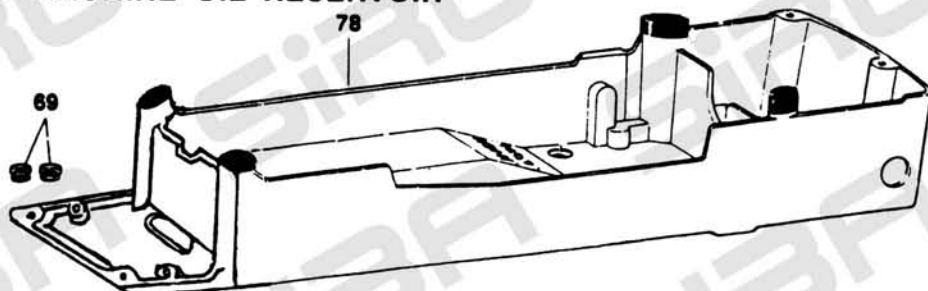


|      | Part<br>No. | 零 件 名 稱   | Description                            | Amt. 14<br>Req. |
|------|-------------|-----------|----------------------------------------|-----------------|
| 1    | 814010      | 松線連杆      | TENSION RELEASE LINK                   | 1               |
| 2    | 814021      | 鉸鏈銷螺釘     | HINGE SCREW                            | 1               |
| 3    | 814030      | 松線杆       | TENSION RELEASE LEVER                  | 1               |
| 3-1  | 814030-1    | 附件        | ATTACHMENT                             | 1               |
| 4    | 814041      | 螺釘        | SCREW                                  | 2               |
| 5    | 814051      | 鉸鏈銷螺釘     | HINGE SCREW                            | 1               |
| 6    | 814060      | 連杆板       | BLOCKING LINK                          | 1               |
| 7    | 814071      | 鉸鏈銷螺釘     | HINGE SCREW                            | 1               |
| 8    | 814080      | 彈簧        | BLOCKING ARM SPRING                    | 1               |
| 9    | 814091      | 鉸鏈銷螺釘     | HINGE SCREW                            | 1               |
| 10   | 814100      | 杠杆板       | BLOCKING ARM                           | 1               |
| 11   | 814110      | 擋圈        | WASHER                                 | 1               |
| 12   | -----       |           |                                        | 0               |
| 13   | 814130      | 螺母        | NUT                                    | 1               |
| 14   | 814140      | 松線杆       | TENSION RELEASE LEVER                  | 1               |
| 14-1 | 814140-1    | 附件        | TENSION RELEASE LEVER ATTACHMENT       | 1               |
| 15   | 814151      | 螺釘        | SCREW                                  | 1               |
| 16   | 814160      | 下軸後軸承擋圈   | THRUST COLLAR                          | 1               |
| 17   | 814171      | 緊定螺釘      | SCREW                                  | 2               |
| 18   | 814180      | 松線杆曲柄     | TENSION RELEASE LEVER CRANK            | 1               |
| 18-1 | 814180-1    | 附件        | TENSION RELEASE LEVER CRANK ATTACHMENT | 1               |
| 19   | 814191      | 鉸鏈銷螺釘     | HINGE SCREW                            | 1               |
| 20   | 814200      | 螺母        | NUT                                    | 1               |
| 21   | 814210      | 松線杆       | TENSION RELEASE ROD                    | 1               |
| 22   | 814221      | 螺釘        | SCREW                                  | 2               |
| 23   | 814230      | 松線釘       | TENSION RELEASE PIN                    | 1               |
| 24   | 814241      | 螺釘        | SCREW                                  | 1               |
| 25   | 814250      | 夾線控制器2號組件 | TENSION CONTROLLER NO.2 ASM.           | 1               |
| 26   | 814260      | 夾線螺母      | TENSION NUT                            | 1               |
| 27   | 814270      | 拉線鋼絲      | THREAD PULLING WIRE                    | 1               |
| 28   | 814280      | 壓線彈簧      | TENSION SPRING                         | 1               |
| 29   | 814290      | 管狀夾線板壓板   | TENSION DISC PRESSER TUBE              | 1               |
| 30   | 814300      | 夾線盤       | TENSION DISC                           | 2               |
| 31   | 814310      | 面線第二過線螺釘  | TENSION POST                           | 2               |
| 32   | 814320      | 挑線簧       | THREAD TAKE-UP SPRING                  | 1               |
| 33   | 814330      | 過線螺釘座     | TENSION POST SOCKET                    | 1               |
| 34   | 814341      | 螺釘        | SCREW                                  | 1               |
| 35   | 814350      | 松線杆軸      | TENSION RELEASE LEVER SHAFT            | 1               |
| 36   | 814361      | 螺釘        | SCREW                                  | 1               |
| 37   | 814370      | 拉線鋼絲      | THREAD PULLING WIRE                    | 1               |
| 38   | 814380      | 夾線控制器1號組件 | TENSION CONTROLLER NO.1 ASM.           | 1               |
| 39   | 814390      | 真線螺母組件    | TENSION NUT                            | 1               |
| 40   | 814400      | 拉線鋼絲      | TENSION DISC STOPPER                   | 1               |
| 41   | 814410      | 真線彈簧      | TENSION SPRING                         | 1               |
| 42   | 814420      | 管狀真線壓板    | TENSION DISC PRESSER TUBE              | 1               |
| 43   | 814430      | 夾線盤       | TENSION DISC                           | 2               |
| 44   | 814440      | 松線銷       | TENSION RELEASE PIN                    | 1               |
| 45   | 814450      | 面線第一過線螺釘  | TENSION POST                           | 1               |
| 46   | 814460      | 螺母        | NUT                                    | 1               |
| 47   | 814470      | 松線臂       | TENSION RELEASE ARM                    | 1               |
| 48   | 814481      | 螺釘        | SCREW                                  | 1               |
| 49   | 814491      | 螺釘        | SCREW                                  | 1               |
| 50   | 814500      | 導線板       | THREAD GUIDE PLATE                     | 1               |
| 51   | 814510      | 彈簧        | SPRING                                 | 1               |
| 52   | 814520      | 止推緊圈      | THRUST COLLAR                          | 1               |
| 53   | 814531      | 螺釘        | SCREW                                  | 2               |
| 54   | 814540      | 松線杆       | TENSION RELEASE ROD                    | 1               |
| 55   | 814550      | 彈性圓柱銷     | SPRING PIN                             | 1               |
| 56   | 814561      | 螺釘        | SCREW                                  | 1               |
| 57   | 814570      | 二眼線鉤      | THREAD EYELET                          | 1               |
| 58   | 814580      | 右線鉤       | FRAME THREAD GUIDE                     | 1               |
| 59   | 814591      | 螺釘        | SCREW                                  | 1               |
| 60   | 814600      | 針杆過線鉤     | NEEDLE BAR THREAD GUIDE                | 1               |
| 61   | 814611      | 螺釘        | SCREW                                  | 1               |
| 62   | 814620      | 緊線鉤       | TENSION THREAD GUIDE                   | 1               |
| 63   | 814630      | 挑線過線鉤     | TAKE-UP THREAD GUIDE                   | 1               |
| 64   | 814640      | 螺母        | NUT                                    | 2               |
| 65   | 814650      | 定位架       | POSITION BRACKET                       | 1               |

# 15. LUBRICATION MECHANISM COMPONENTS 給油裝置關係

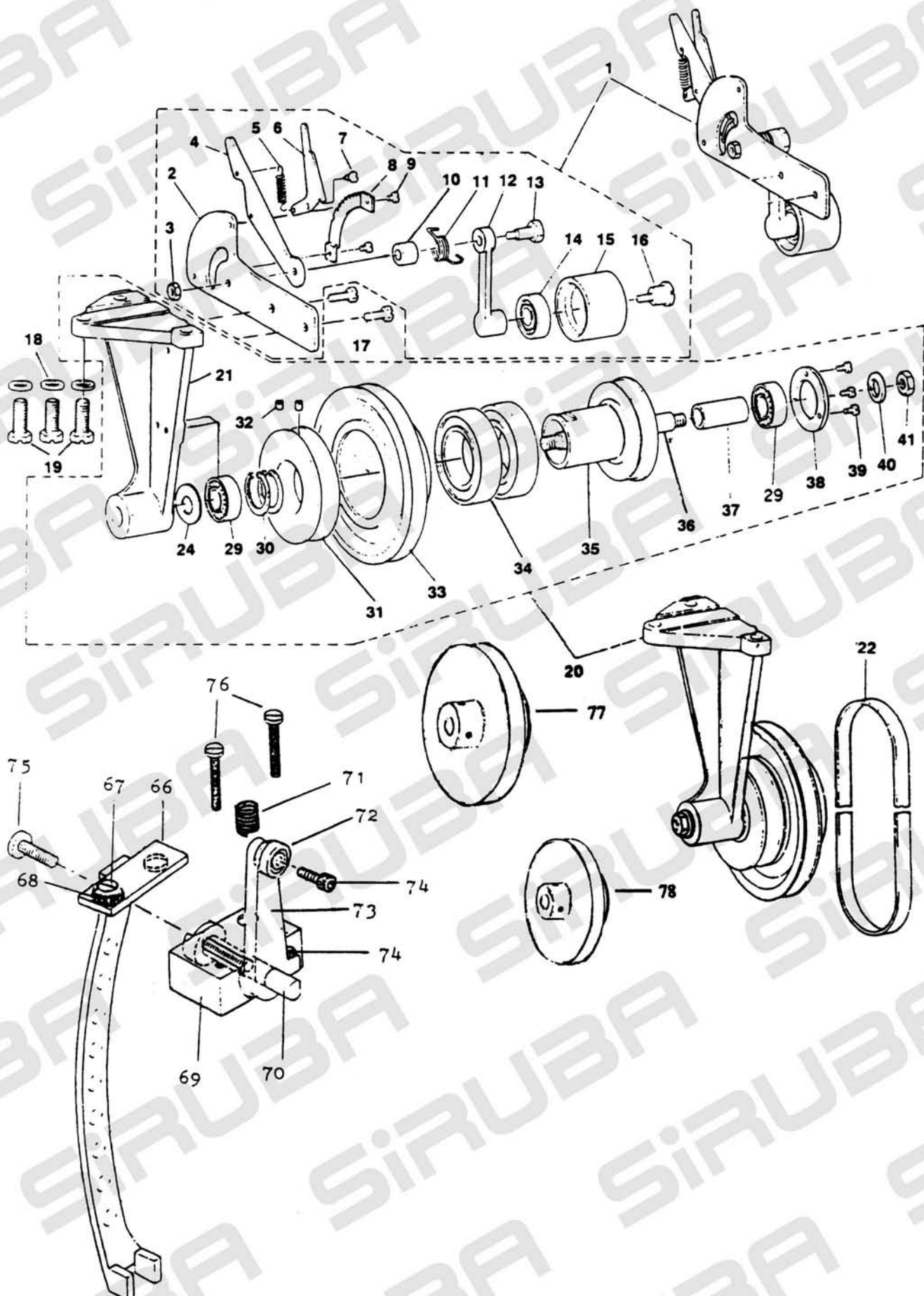


## CYLINDER BED MACHINE OIL RESERVOIR



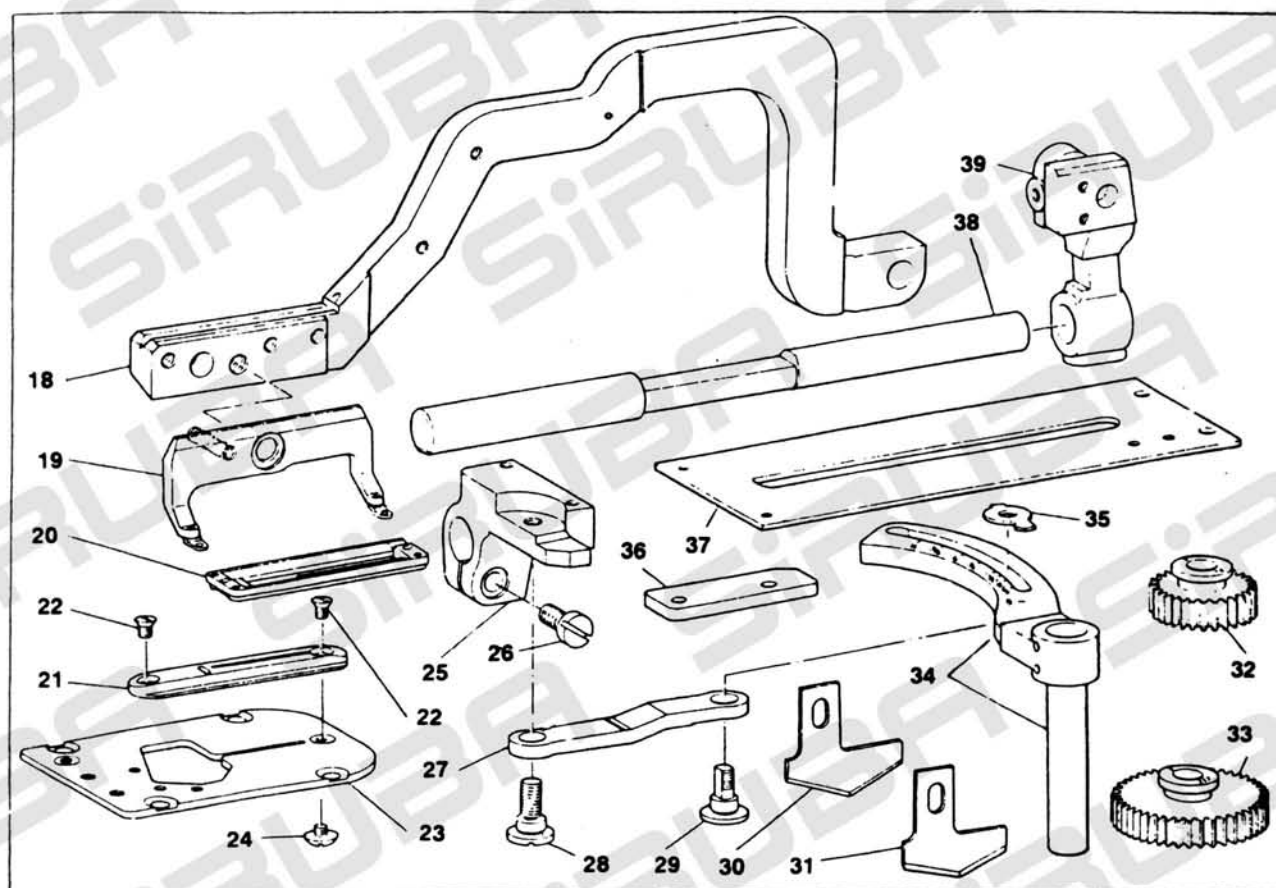
|      | Part No. | 零 件 名 稱  | Description                    | Amt. 15 Req. |
|------|----------|----------|--------------------------------|--------------|
| 1    | 815010   | 回油壓板組件   | OIL FELT HOLDER                | 1            |
| 2    | 815020   | 回油氈      | OIL RETURN FELT                | 1            |
| 3    | 815030   | 回油管      | OIL RETURN TUBE                | 1            |
| 4    | 815040   | 油管壓板     | CABLE HOLDER                   | 1            |
| 5    | 815051   | 螺釘       | SCREW                          | 1            |
| 6    | 815060   | 油芯       | OIL WICK                       | 1            |
| 7    | 815070   | 油管導架     | PIPE GUIDE                     | 1            |
| 8    | 815080   | 儲油器      | OIL RECEIVER                   | 1            |
| 9    | 815090   | 油氈       | OIL FELT                       | 1            |
| 10   | 815101   | 螺釘       | SCREW                          | 10           |
| 11   | 815110   | 盛油架      | OIL RECEIVER                   | 1            |
| 12   | 815120   | 調節潤滑螺釘座  | OIL ADJUSTING SCREW BASE       | 1            |
| 13   | 815130   | 油泵完全座    | OIL PUMP                       | 1            |
| 13-1 | 815130-1 | 油泵軸      | OIL PUMP SHAFT                 | 1            |
| 13-2 | 815130-2 | 油泵殼(上)   | OIL PUMP COVER (UP)            | 1            |
| 13-3 | 815130-3 | 油泵齒(內)   | OIL PUMP GEAR (INNER)          | 2            |
| 13-4 | 815130-4 | 油泵齒(外)   | OIL PUMP GEAR (OUTSIDE)        | 2            |
| 13-5 | 815130-5 | 油泵殼(下)   | OIL PUMP COVER (LOWER)         | 1            |
| 13-6 | 815130-6 | 油泵板      | OIL PUMP PLATE                 | 1            |
| 13-7 | 815130-7 | 油泵網      | OIL PUMP NET                   | 1            |
| 13-8 | 815130-8 | 油管連接道    | OIL PIPE CONNECTER             | 3            |
| 13-9 | 815131-9 | 配合螺栓     | SCREW                          | 3            |
| 14   | 815140   | 油泵驅動蝸輪   | OIL PUMP DRIVING WORM GEAR     | 1            |
| 15   | 815151   | 螺釘       | SCREW                          | 2            |
| 16   | 815161   | 螺釘       | SCREW                          | 2            |
| 17   | 815170   | 油氈導架     | OIL FELT GUIDE                 | 1            |
| 18   | 815181   | 螺釘       | SCREW                          | 1            |
| 19   | 815191   | 旋梭調節潤滑螺釘 | HOOK OIL ADJUSTING SCREW       | 1            |
| 20   | 815200   | 彈簧       | SPRING                         | 1            |
| 21   | 815210   | 油泵板      | OIL PUMP PLATE                 | 1            |
| 22   | 815220   | 給油指示杆    | OIL INDICATION LEVER           | 1            |
| 23   | 815230   | 油管固定板(小) | OIL PIPE FIXED PLATE (SMALL)   | 1            |
| 24   | 815240   | 油管固定板(大) | OIL PIPE FIXED PLATE (BIG)     | 1            |
| 25   | 815251   | 油罩       | OIL SHIELD                     | 1            |
| 26   | 815260   | 油罩       | OIL SHIELD                     | 1            |
| 27   | 815271   | 油罩       | OIL SHIELD                     | 1            |
| 28   | 815280   | 皮帶罩      | BELT GUARD                     | 1            |
| 29   | 815291   | 螺釘       | SCREW                          | 2            |
| 30   | 815300   | 皮帶罩安裝夾   | BELT GUARD LATCH               | 1            |
| 31   | 815310   | 底部導板     | BOTTOM GUIDE                   | 1            |
| 32   | 815320   | 橡膠軸套     | RUBBER BUSHING                 | 1            |
| 46   | 815460   | 底座組件     | MACHINE BASE ASM.              | 1            |
| 47   | 815470   | 油池       | OIL RESERVOIR                  | 1            |
| 48   | 815480   | 導銷       | GUIDE PIN                      | 2            |
| 49   | 815490   | 橡膠墊      | RUBBER CUSHION                 | 4            |
| 50   | 815501   | 螺釘       | SCREW                          | 4            |
| 51   | 815510   | 鉸鏈座      | HINGE HOLDER                   | 2            |
| 52   | 815520   | 彈性圓柱銷    | PIN                            | 2            |
| 53   | 815531   | 螺釘       | SCREW                          | 4            |
| 54   | 815540   | 墊圈       | WASHER                         | 4            |
| 55   | 815551   | 螺釘       | SCREW                          | 1            |
| 56   | 815560   | 密封墊      | OIL DRAIN CAP GASKET           | 1            |
| 58   | 815581   | 螺釘       | SCREW                          | 1            |
| 59   | 815590   | 螺母       | NUT                            | 1            |
| 60   | 815601   | 止動螺釘     | STOP SCREW                     | 1            |
| 61   | 815610   | 螺母       | NUT                            | 1            |
| 62   | 815621   | 螺釘       | SCREW                          | 1            |
| 63   | 815630   | 起動架軸     | STARTING LINK SHAFT            | 1            |
| 64   | 815641   | 螺釘       | SCREW                          | 2            |
| 65   | 815650   | 起動架      | STARTING LINK                  | 1            |
| 66   | 815660   | 起動杠杆     | STARTING LEVER                 | 1            |
| 67   | 815670   | 起動杠杆壓簧   | STARTING LEVER PRESSURE SPRING | 1            |
| 68   | 815680   | 撥叉傳動銷    | SHIFTER DRIVING PIN            | 1            |
| 69   | 815690   | 橡膠軸套     | RUBBER BUSHING                 | 2            |
| 70   | 815700   | 底座氈墊     | MACHINE BASE FELT PAD          | 4            |
| 71   | 815710   | 底座螺栓     | MACHINE BASE SCREW STUD        | 4            |
| 72   | 815720   | 墊圈       | WASHER                         | 4            |
| 73   | 815730   | 螺母       | NUT                            | 4            |
| 77   | 815770   | 連接銷      | CONNECTION STUD                | 2            |
| 78   | 815780   | 油池       | OIL RESERVOIR                  | 1            |

# 16. SPEED TRANSMITTER COMPONENTS 減速機關係



|    | Part<br>No. | 零 件 名 稱  | Description                              | Amt. 16<br>Req. |
|----|-------------|----------|------------------------------------------|-----------------|
| 1  | 816010      | 皮帶張緊輪座組件 | TENSION PULLEY ASM.                      | 1               |
| 2  | 816020      | 皮帶張緊輪座   | TENSION PULLEY BRACKET                   | 1               |
| 3  | 816030      | 螺母       | NUT                                      | 1               |
| 4  | 816040      | 張杆       | TENSION LEVER                            | 1               |
| 5  | 816050      | 定位爪拉簧    | NIPPER BAR ACTUATING LEVER SPRING        | 1               |
| 6  | 816060      | 定位爪      | FIXING PAWL                              | 1               |
| 7  | 816071      | 鉸鏈銷螺釘    | HINGE SCREW                              | 1               |
| 8  | 816080      | 棘爪       | RATCHET                                  | 1               |
| 9  | 816091      | 緊定螺釘     | SCREW                                    | 2               |
| 10 | 816100      | 隔套       | LEVER COLLAR                             | 1               |
| 11 | 816110      | 轉矩彈簧     | TENSION SPRING                           | 1               |
| 12 | 816120      | 張緊輪連杆    | TENSION PULLEY LINK                      | 1               |
| 13 | 816131      | 鉸鏈銷螺釘    | HINGE SCREW                              | 1               |
| 14 | 816140      | 單列向心球軸承  | BEARING                                  | 1               |
| 15 | 816150      | 皮帶張緊輪    | TENSION PULLEY                           | 1               |
| 16 | 816161      | 鉸鏈銷螺釘    | HINGE SCREW                              | 1               |
| 17 | 816171      | 螺釘       | SCREW                                    | 2               |
| 18 | 816180      | 墊圈       | WASHER                                   | 3               |
| 19 | 816191      | 螺釘       | SCREW                                    | 3               |
| 20 | 816200      | 撥叉傳動組件   | SHIFTER DRIVING ASM.                     | 1               |
| 21 | 816210      | 變速器支架    | SPEED TRANSMITTER BRACKET                | 1               |
| 22 | 816220      | 傳動膠帶     | BELT                                     | 1               |
| 23 | -----       |          |                                          | 0               |
| 24 | 816240      | 增速帶輪軸承墊圈 | HIGH SPEED WASHER FOR BEARING            | 1               |
| 25 | 816250      | 止動螺釘組件   | STOP SCREW ASM.                          | 1               |
| 26 | 816260      | 螺母       | NUT                                      | 1               |
| 27 | 816270      | 撥叉限位器支架  | SHIFTER STOPPER BRACKET                  | 1               |
| 28 | 816281      | 螺釘       | SCREW                                    | 2               |
| 29 | 816290      | 單列向心球軸承  | BEARING                                  | 2               |
| 30 | 816300      | 擋圈       | RETAINING RING                           | 2               |
| 31 | 816310      | 增速帶輪     | ACCELERATING PULLEY                      | 1               |
| 32 | 816321      | 緊定螺釘     | SCREW                                    | 2               |
| 33 | 816330      | 高速帶輪     | HIGH-SPEED PULLEY                        | 1               |
| 34 | 816340      | 單列向心球軸承  | BEARING                                  | 2               |
| 35 | 816350      | 低速帶輪     | LOW-SPEED PULLEY                         | 1               |
| 36 | 816360      | 變速軸      | SPEED TRANSMITTER SHAFT                  | 1               |
| 37 | 816370      | 隔套       | SLEEVE                                   | 1               |
| 38 | 816380      | 軸承壓緊環    | BEARING PRESSER                          | 1               |
| 39 | 816391      | 螺釘       | SCREW                                    | 3               |
| 40 | 816400      | 墊圈       | WASHER                                   | 1               |
| 41 | 816410      | 螺母       | NUT                                      | 1               |
| 66 | 816660      | 變速撥叉     | SPEED TRANSMITTER SHIFTER                | 1               |
| 67 | 816671      | 螺絲       | SCREW                                    | 1               |
| 68 | 816680      | 螺母       | NUT                                      | 1               |
| 69 | 816690      | 撥叉底座     | SHIFTER BASE                             | 1               |
| 70 | 816700      | 鉸鏈銷軸     | HINGE SHAFT                              | 1               |
| 71 | 816710      | 撥叉壓簧     | SHIFTER TENSION SPRING                   | 1               |
| 72 | 816720      | 軸承       | BEARING                                  | 1               |
| 73 | 816730      | 撥叉傳動臂    | SHIFTER DRIVING ARM                      | 1               |
| 74 | 816741      | 螺絲       | SCREW                                    | 2               |
| 75 | 816751      | 螺絲       | SCREW                                    | 1               |
| 76 | 816761      | 螺絲       | SCREW                                    | 2               |
| 77 | 816770      | 馬達輪      | MOTOR PULLEY                             | 1               |
| 78 | 816780      | 馬達輪      | MOTOR PULLEY<br>(FOR KBH-783V, 784V USE) | 1               |

17. EXCLUSIVE PARTS FOR 784  
784專用零件



|    | Part No. | 零件名稱        | Description                    | Amt. Req. |
|----|----------|-------------|--------------------------------|-----------|
| 1  | -----    |             |                                | 0         |
| 17 | -----    |             |                                | 0         |
| 18 | 817180   | 布料夾         | WORK CLAMP ARM                 | 1         |
| 19 | 817190   | 壓腳          | WORK CLAMP CHECK HOLDER        | 1         |
| 20 | 817200   | 壓腳板組件       | WORK CLAMP CHECK               | 1         |
| 21 | 817210   | 針板          | THROAT PLATE                   | 1         |
| 22 | 817221   | 螺絲          | SCREW                          | 2         |
| 23 | 817230   | 針板座         | THROAT PLATE BASE              | 1         |
| 24 | 817241   | 螺釘          | SCREW                          | 1         |
| 25 | 817250   | 送料支架        | WORK CLAMP ARM BRACKET         | 1         |
| 26 | 817261   | 螺釘          | SCREW                          | 1         |
| 27 | 817270   | 送料支架連杆      | WORK CLAMP CARRIER PITMAN      | 1         |
| 28 | 817281   | 螺釘          | SCREW                          | 1         |
| 29 | 817291   | 調節送料長度鉸鏈銷螺釘 | FEED ADJUSTING SCREW           | 1         |
| 30 | 817300   | 刀           | KNIFE 1-1/2"                   | 1         |
| 31 | 817310   | 刀           | KNIFE 1-3/8"                   | 1         |
| 32 | 817320   | 直齒輪         | SPUR GEAR (74)                 | 1         |
| 33 | 817330   | 直齒輪         | SPUR GEAR (252)                | 1         |
| 34 | 817340   | 調節送料長度刻度盤組件 | LENGTH REGULATING ARM ASM.     | 1         |
| 35 | 817350   | 調節送料長度軸導板   | LENGTH REGULATING SHAFT GUIDE  | 1         |
| 36 | 817360   | 送布拖板支架導塊    | WORK CLAMP ARM BRACKET GUIDE   | 1         |
| 37 | 817370   | 送布拖板        | WORK CLAMP CARRIER             | 1         |
| 38 | 817380   | 壓腳臂滑杆       | WORK CLAMP ARM SLIDE ROD       | 1         |
| 39 | 817390   | 托架          | WORK CLAMP ARM BEARING BRACKET | 1         |

**18. EXCHANGING PARTS**  
**交換零件**

|     | ① 小齒輪 SMALL GEAR                                                                  |                | ② 大齒輪 LARGE GEAR                                                                   |                |
|-----|-----------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|----------------|
|     |  |                |  |                |
| SET | 針數<br>STITCH NO.                                                                  | 件號<br>PART NO. | 針數<br>STITCH NO.                                                                   | 件號<br>PART NO. |
| E   | 74                                                                                | 81801E         | 252                                                                                | 81802E         |
| G   | 83                                                                                | 81801G         | 225                                                                                | 81802G         |
| J   | 100                                                                               | 81801 J        | 190                                                                                | 81802 J        |
| K   | 105                                                                               | 81801K         | 180                                                                                | 81802K         |
| L   | 110                                                                               | 81801L         | 170                                                                                | 81802L         |
| N   | 123                                                                               | 81801N         | 152                                                                                | 81802N         |

| ③ 刀片<br>KNIFE                                                                       |                 |                | ④ 壓腳<br>WORD CLAMP CHECK                                                            |  | ⑤ 針板<br>THROAT PLATE                                                                  | ⑥ 導片<br>GUIDE                                                                         |
|-------------------------------------------------------------------------------------|-----------------|----------------|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |                 |                |  |  |  |  |
| NO.                                                                                 | 規格<br>SIZE (mm) | 件號<br>PART NO. | 件號<br>PART NO.                                                                      |  | 件號<br>PART NO.                                                                        | 件號<br>PART NO.                                                                        |
| 1                                                                                   | 1/4" (6.3)      | 818301         | 81841A<br>81841B<br>(25.4mm)                                                        |  | 818501<br>(31.7mm)                                                                    | 818601<br>(25.4mm)                                                                    |
| 2                                                                                   | 3/8" (9.5)      | 818302         |                                                                                     |  |                                                                                       |                                                                                       |
| 3                                                                                   | 1/2" (12.7)     | 818303         |                                                                                     |  |                                                                                       |                                                                                       |
| 4                                                                                   |                 |                |                                                                                     |  |                                                                                       |                                                                                       |
| 5                                                                                   | 5/8" (15.8)     | 818305         |                                                                                     |  |                                                                                       |                                                                                       |
| 6                                                                                   | 3/4" (19.0)     | 818306         |                                                                                     |  |                                                                                       |                                                                                       |
| 7                                                                                   | 7/8" (22.2)     | 818307         |                                                                                     |  |                                                                                       |                                                                                       |
| 8                                                                                   | 1" (25.4)       | 818308         |                                                                                     |  |                                                                                       |                                                                                       |
| 9                                                                                   | 1-1/4" (31.7)   | 818309         | 81842A (31.7mm)<br>81842B                                                           |  |                                                                                       |                                                                                       |
| 10                                                                                  |                 |                | 81843A (38.1mm)<br>81843B                                                           |  | 818502<br>(38.1mm)                                                                    | 818602<br>(38.1mm)                                                                    |
| 11                                                                                  | 1-1/2" (38.1)   | 818311         |                                                                                     |  |                                                                                       |                                                                                       |