# MITSUBISHI

# 三菱工業用ミシン部品カタログ

# Industrial Sewing Machine Parts Catalog

## Model LU2-4400-B0B
## LU2-4410-B1T
## LU2-4410-B1T-CS
## LU2-4420-B0B
## LU2-4430-B1T

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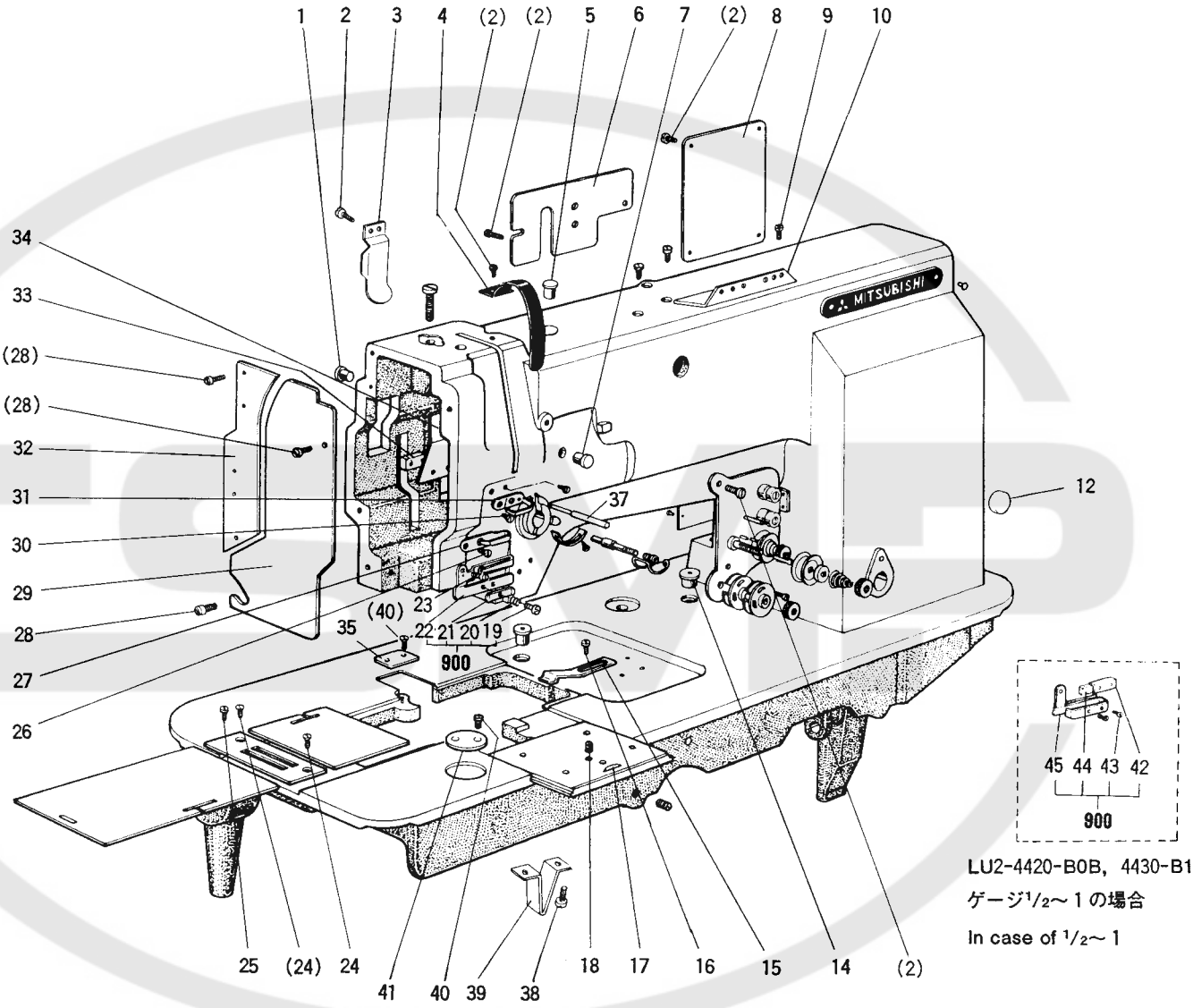
P-181 199303

# 1 本体部分
# BODY & IT'S ACCESSORIES



# 1 本体部分
# BODY AND IT'S ACCESSORIES

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 1 | M9 0883 080 | ゴム栓 ····· | Rubber plug ····· | 2 | 2 | 2 | 2 | 2 |
| 2 | M9 1106 004 | プラマイネジ $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 10 | 10 | 10 | 10 | 10 |
| 3 | MP 60A0 339 | カバー ····· | Cover ····· | 1 | 1 | 1 | 1 | 1 |
| 4 | MN 70A0 584 | 天秤カバー ····· | Thread take-up cover ····· | 1 | 1 | 1 | 1 | 1 |
| 5 | M9 1304 080 | ゴム栓 φ13····· | Rubber plug φ13 ····· | 1 | 1 | 1 | 1 | 1 |
| 6 | MP 60A0 880 | 横蓋 ····· | Arm cover ····· | 1 | 1 | 1 | 1 | 1 |
| 7 | M9 1305 080 | ゴム栓 φ13····· | Rubber plug φ13 ····· | 1 | 1 | 1 | 1 | 1 |
| 8 | ML 70A0 273 | 裏蓋 ····· | Arm cover ····· | 1 | 1 | 1 | 1 | 1 |
| 9 | M9 1116 002 | 平ネジ $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 2 | 2 | 2 | 2 | 2 |
| 10 | MN 40A0 180 | 糸案内 ····· | Thread guide ····· | 1 | 1 | 1 | 1 | 1 |
| 12 | M9 1604 080 | ゴム栓 ····· | Rubber plug ····· | 1 | 1 | 1 | 1 | 1 |
| 14 | MN 10A4 742 | 蓋 ····· | Cap ····· | 2 | 2 | 2 | 2 | 2 |
| 15 | MP 61A0 192 | 板バネ ····· | Spring ····· | 1 | | 1 | 1 | |
| 16 | M9 1128 003 | 丸平ネジ $^{11}/_{64}$(40)×6 ····· | Screw $^{11}/_{64}$(40)×6 ····· | 2 | | 2 | 2 | |
| 17 | MN 70A0 472 | スベリ板 (前)····· | Slide plate (front) ····· | | 1 | | | 1 |
| 18 | M9 1301 001 | 止メネジ $^{13}/_{64}$(32)×4.8 ····· | Screw $^{13}/_{64}$(32)×4.8 ····· | | 1 | | | 1 |
| **900** | MP 60E0 180 | 糸案内 (組)····· | Thread guide (complete)··· | 1 | | 1 | 1 | |
| | MP 62E0 180 | 糸案内 (組)····· | Thread guide (complete)··· | | 1 | | | 1 |
| 19 | M9 0804 016 | 丸平ネジ段付 $^{1}/_{8}$(44)×3 ····· | $^{1}/_{8}$(44)×3 ····· | 1 | 1 | 1 | 1 | 1 |
| 20 | MP 60A0 572 | ツル巻バネ ····· | Spring ····· | 1 | 1 | 1 | 1 | 1 |
| 21 | MP 60A0 202 | 糸押エ ····· | Plate ····· | 1 | 1 | 1 | 1 | 1 |
| 22 | MP 60A0 180 | 糸案内 ····· | Thread guide ····· | 1 | 1 | 1 | 1 | 1 |
| 23 | M9 0920 002 | 平ネジ $^{9}/_{64}$(40)×6.5 ····· | Screw $^{9}/_{64}$(40)×6.5 ····· | 1 | 1 | 1 | 1 | 1 |
| 24 | M9 1106 011 | 丸皿ネジ $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 2 | 1 | 2 | 2 | 1 |
| 25 | M9 0952 003 | 丸平ネジ $^{9}/_{64}$(36)×6.5 ····· | Screw $^{9}/_{64}$(36)×6.5 ····· | | 1 | | | 1 |
| 26 | M9 0904 011 | 丸皿ネジ $^{9}/_{64}$(40)×6.5 ····· | Screw $^{9}/_{64}$(40)×6.5 ····· | 1 | 1 | 1 | 1 | 1 |
| 27 | MN 10A1 181 | 糸案内 ····· | Thread guide ····· | 1 | 1 | 1 | 1 | 1 |
| 28 | M9 1109 004 | 座金付プラマイネジ $^{11}/_{64}$(40)×9 ····· | Screw $^{11}/_{64}$(40)×9 ····· | 5 | 5 | 5 | 5 | 5 |
| 29 | MP 60A0 830 | 面板 ····· | Face plate ····· | 1 | 1 | 1 | 1 | 1 |
| 30 | M9 1201 011 | 丸皿ネジ $^{3}/_{16}$(28)×11 ····· | Screw $^{3}/_{16}$(28)×11 ····· | 2 | 2 | 2 | 2 | 2 |
| 31 | MN 10A0 181 | 糸案内 ····· | Thread guide ····· | 1 | 1 | 1 | 1 | 1 |
| 32 | MP 60A0 601 | ガイド取付板 ····· | Guide mounting plate ····· | 1 | 1 | 1 | 1 | 1 |
| 33 | MN 10A0 476 | スペーサ ····· | Spacer ····· | 1 | 1 | 1 | 1 | 1 |
| 34 | MN 10A0 131 | 油受ケ ····· | Oil guard plate ····· | 1 | 1 | 1 | 1 | 1 |
| 35 | MP 61A0 742 | 蓋 ····· | Cover ····· | | | 1 | 1 | |
| | MP 63A0 742 | 蓋 ····· | Cover ····· | | | | | 1 |
| 37 | M9 0514 060 | 糸ユルメピン ····· | Tension releasing pin ····· | 1 | 1 | | | |
| | M9 0516 060 | 糸ユルメピン ····· | Tension releasing pin ····· | | | 1 | 1 | 1 |
| 38 | M9 1601 003 | 丸平ネジ $^{1}/_{4}$(24)×9 ····· | Screw $^{1}/_{4}$(24)×9 ····· | | | 2 | 2 | 2 |
| 39 | MN 50A0 426 | 支エ ····· | Supporter ····· | | | 1 | 1 | 1 |
| 40 | M9 0916 011 | 皿ネジ $^{9}/_{64}$(40)×6 ····· | Screw $^{9}/_{64}$(40)×6 ····· | | | 2 | 2 | 4 |
| 41 | MN 50A5 742 | 蓋 ····· | Cover ····· | | | | | 1 |

LU2-4420-B0B, 4430-B1T ゲージ$^{1}/_{2}$～1の場合
In case of $^{1}/_{2}$～1.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **900** | MN 62E0 180 | 糸案内 (組)····· | Theard guide (complete)··· | | 1 | | | 1 |
| 42 | MP 00B0 477 | ストッパー ····· | Stopper ····· | | 1 | | | 1 |
| 43 | M9 0604 002 | 平ネジ $^{3}/_{32}$(56)×2.2 ····· | Screw $^{3}/_{32}$(56)×2.2 ····· | | 2 | | | 2 |
| 44 | MG 23C1 740 | フェルト ····· | Felt ····· | | 1 | | | 1 |
| 45 | MP 00B1 180 | 糸案内 ····· | Thread guide ····· | | 1 | | | 1 |

## 2 上糸調節器部分
## THREAD TENSION REGULATOR MECHANISM

Fig. 901 LU2-4400-B0B

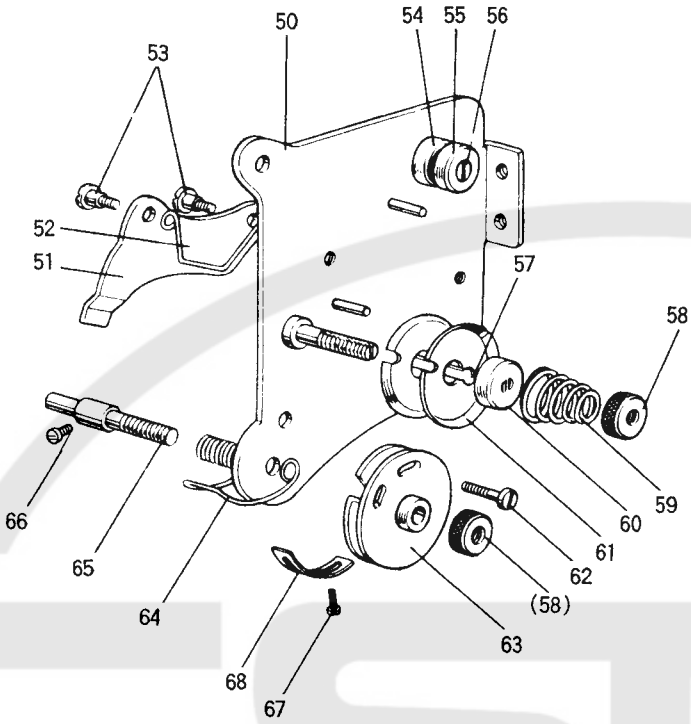



Fig. 902 LU2-4420-B0B

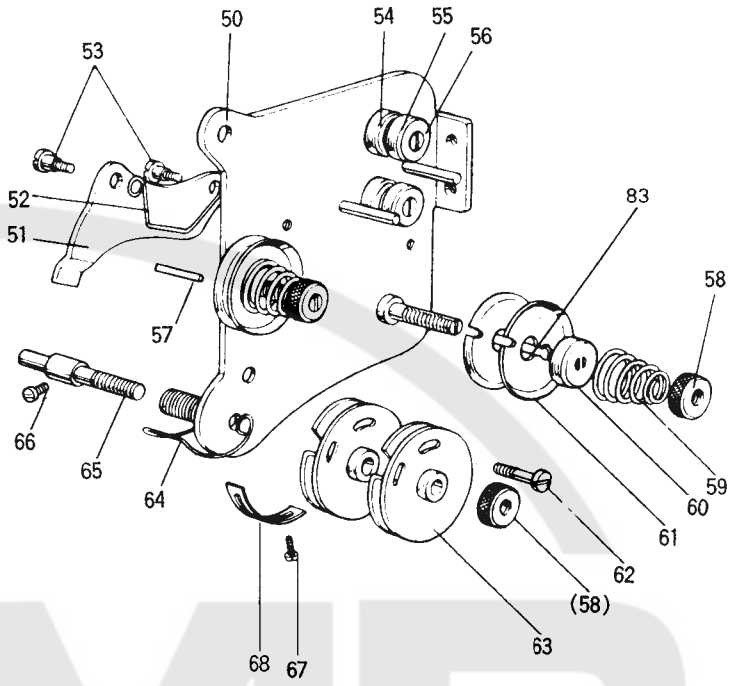



Fig. 903 LU2-4410-B1T(-CS)

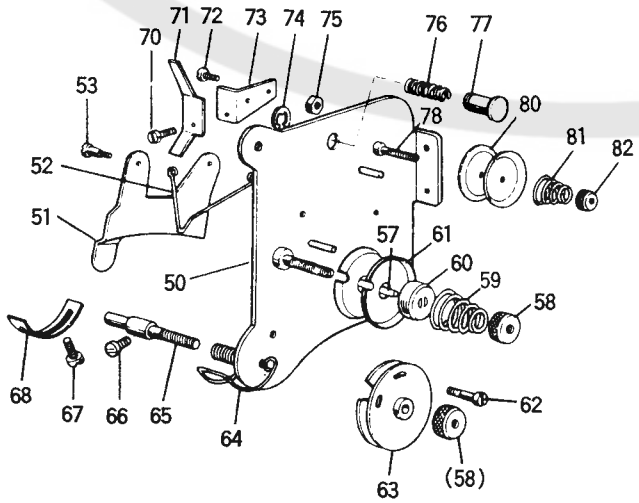
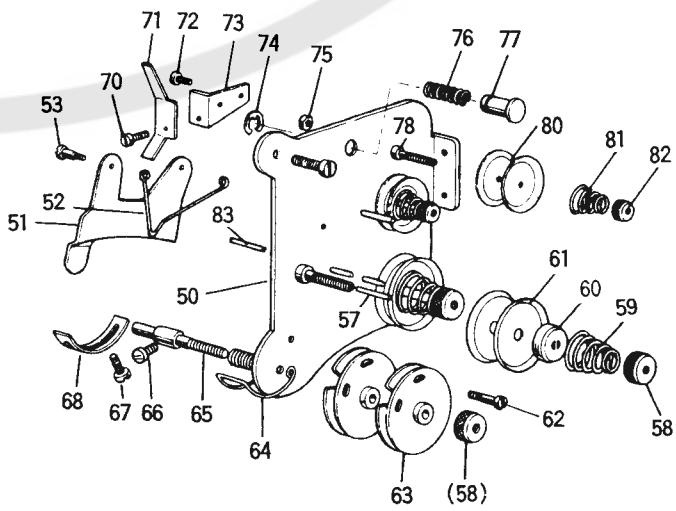


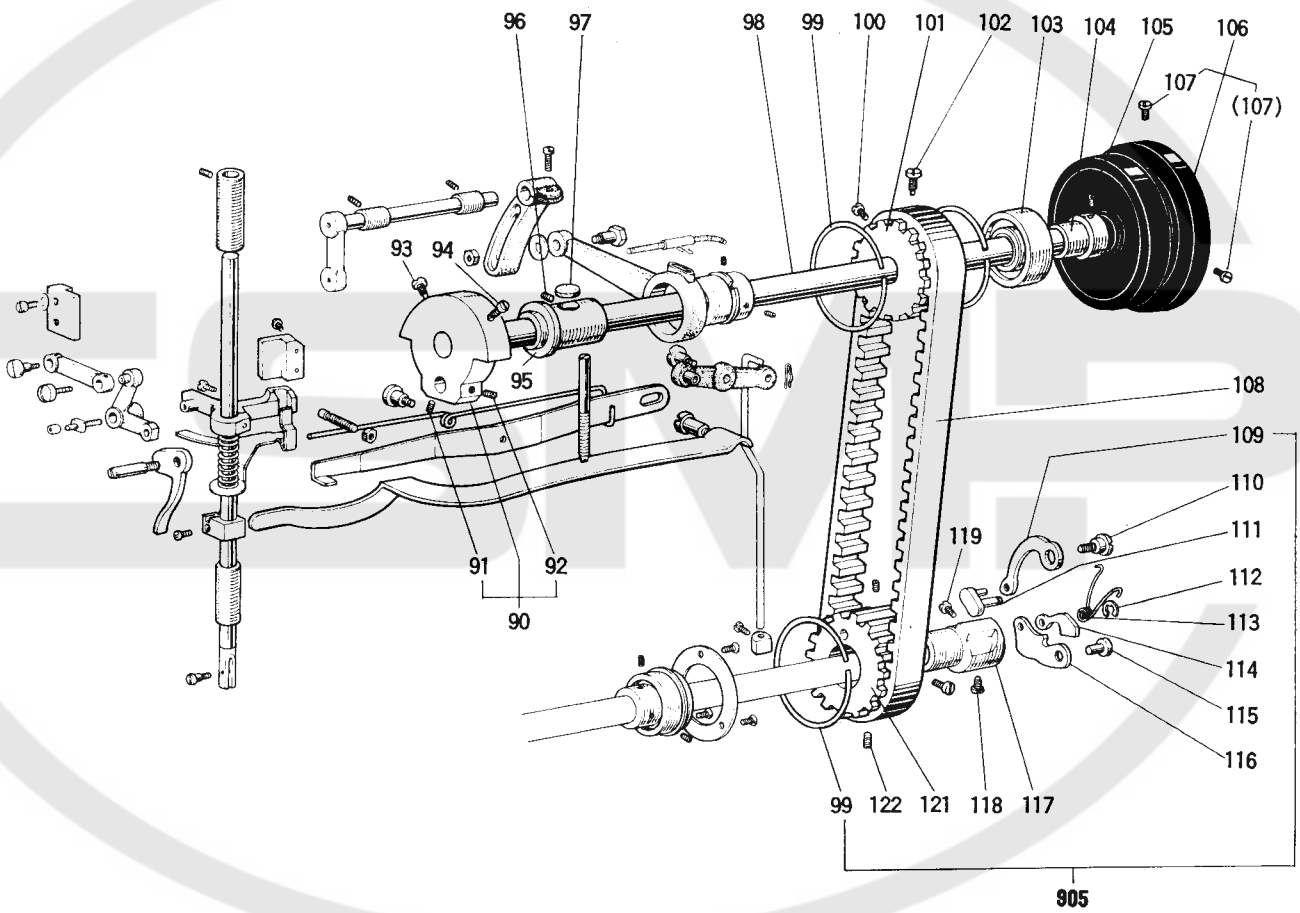

Fig. 904 LU2-4430-B1T



## ② 上糸調節器部分
## THREAD TENSION REGULATOR MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| **901** | MP 60E0 210 | 上糸調節器組 | Thread tension regulator complete | 1 | | | | |
| **902** | MP 62E0 210 | 上糸調節器組 | Thread tension regulator complete | | 1 | | | |
| **903** | MP 61E0 210 | 上糸調節器組 | Thread tension regulator complete | | | 1 | 1 | |
| **904** | MP 63E0 210 | 上糸調節器組 | Thread tension regulator complete | | | | | 1 |
| 50 | MP 40E0 601 | 取付板組 | Mounting plate complete | 1 | | | | |
| | MN 10A0 601 | 取付板組 | Mounting plate complete | | 1 | | | |
| | MP 41E0 601 | 取付板組 | Mounting plate complete | | | 1 | 1 | |
| | MN 50E0 601 | 取付板組 | Mounting plate complete | | | | | 1 |
| 51 | MN 10A0 220 | 糸ユルメ板 | Tension releasing plate | 1 | 1 | | | |
| | MN 50E0 220 | 糸ユルメ板 | Tension releasing plate | | | 1 | 1 | 1 |
| 52 | MN 10A0 851 | 戻しバネ | Tension releasing spring | 1 | 1 | 1 | 1 | 1 |
| 53 | M9 0902 015 | 平ネジ段付 | Screw 9/64(40) | 2 | 2 | 2 | 2 | 2 |
| 54 | MN 10A0 155 | 糸案内台 | Thread guide bracket | 1 | 2 | | | |
| 55 | MN 10A1 555 | 糸案内皿 | Thread guide disc | 1 | 2 | | | |
| 56 | M9 0902 016 | 丸平ネジ段付 | Screw 9/64(40) | 1 | 2 | | | |
| 57 | M9 0202 060 | 糸ユルメピン | Tension releasing pin (small) φ2X10.6 | 1 | 1 | 1 | 1 | 1 |
| 58 | M9 1603 046 | 調子ナット | Tension thumb nut 1/4(40) | 2 | 3 | 2 | 2 | 3 |
| 59 | MF 23C0 245 | 糸調子バネ | Tension spring | 1 | 2 | | | |
| | MP 41A0 245 | 糸調子バネ | Tension spring | | | 1 | 1 | 2 |
| 60 | MN 10A0 556 | 皿オサエ | Tension regulator presser disk | 1 | 2 | 1 | 1 | 2 |
| 61 | MN 10A0 555 | 調子皿 | Tension regulator disk | 2 | 4 | 2 | 2 | 4 |
| 62 | M9 0602 003 | 丸平ネジ | Screw 3/32(56)×6 | 1 | | 1 | 1 | |
| | M9 0603 003 | 丸平ネジ | Screw 3/32(56)×12 | | 1 | | | 1 |
| 63 | MN 10E0 175 | 糸案内車セット | Thread controller disc set | 1 | 2 | 1 | 1 | 2 |
| 64 | MP 60A0 187 | 糸取リバネ | Thread take-up spring | 1 | | 1 | 1 | |
| | MP 62A0 187 | 糸取リバネ | Thread take-up spring | | 1 | | | 1 |
| 65 | MP 10B0 554 | 調子棒 | Tension stud | 1 | | 1 | 1 | |
| | MN 10A0 554 | 調子棒 | Tension stud | | 1 | | | 1 |
| 66 | M9 0910 003 | 丸平ネジ | Screw 9/64(40)×7 | 1 | 1 | 1 | 1 | 1 |
| 67 | M9 0906 002 | 平ネジ | Screw 9/64(40)×4.5 | 1 | 1 | 1 | 1 | 1 |
| 68 | MN 10A0 477 | 糸取リバネストッパー | Stopper | 1 | 1 | 1 | 1 | 1 |
| 70 | M9 0927 015 | 平ネジ段付 | Screw 9/64(40) | | | 1 | 1 | 1 |
| 71 | MN 50A5 950 | レバー | Lever | | | 1 | 1 | 1 |
| 72 | M9 0906 002 | 平ネジ | Screw 9/64(40)×4.5 | | | 1 | 1 | 1 |
| 73 | MN 50A6 601 | 取付板 | Mounting plate | | | 1 | 1 | 1 |
| 74 | M9 0505 065 | E型止メ輪 | E-type stop ring 5 | | | 1 | 1 | 1 |
| 75 | M9 1105 045 | ナット | Nut 11/64(40) | | | 1 | 1 | 1 |
| 76 | MN 50A4 572 | ツル巻バネ | Spring | | | 1 | 1 | 1 |
| 77 | MP 41A1 270 | 押ボタン | Push button | | | 1 | 1 | 1 |
| 78 | MF 10A1 553 | 調子棒 | Tension stud | | | 1 | 1 | 2 |
| 80 | MN 50A0 555 | 調子皿 | Tension regulator disc | | | 2 | 2 | 4 |
| 81 | MP 61A0 245 | コイルバネ | Spring | | | 1 | 1 | 2 |
| 82 | M9 1609 046 | ツマミナット | Thumb nut | | | 1 | 1 | 2 |
| 83 | M9 0203 060 | 糸ユルメピン | Tension releasing pin φ2X14.2 | | 1 | | | 1 |

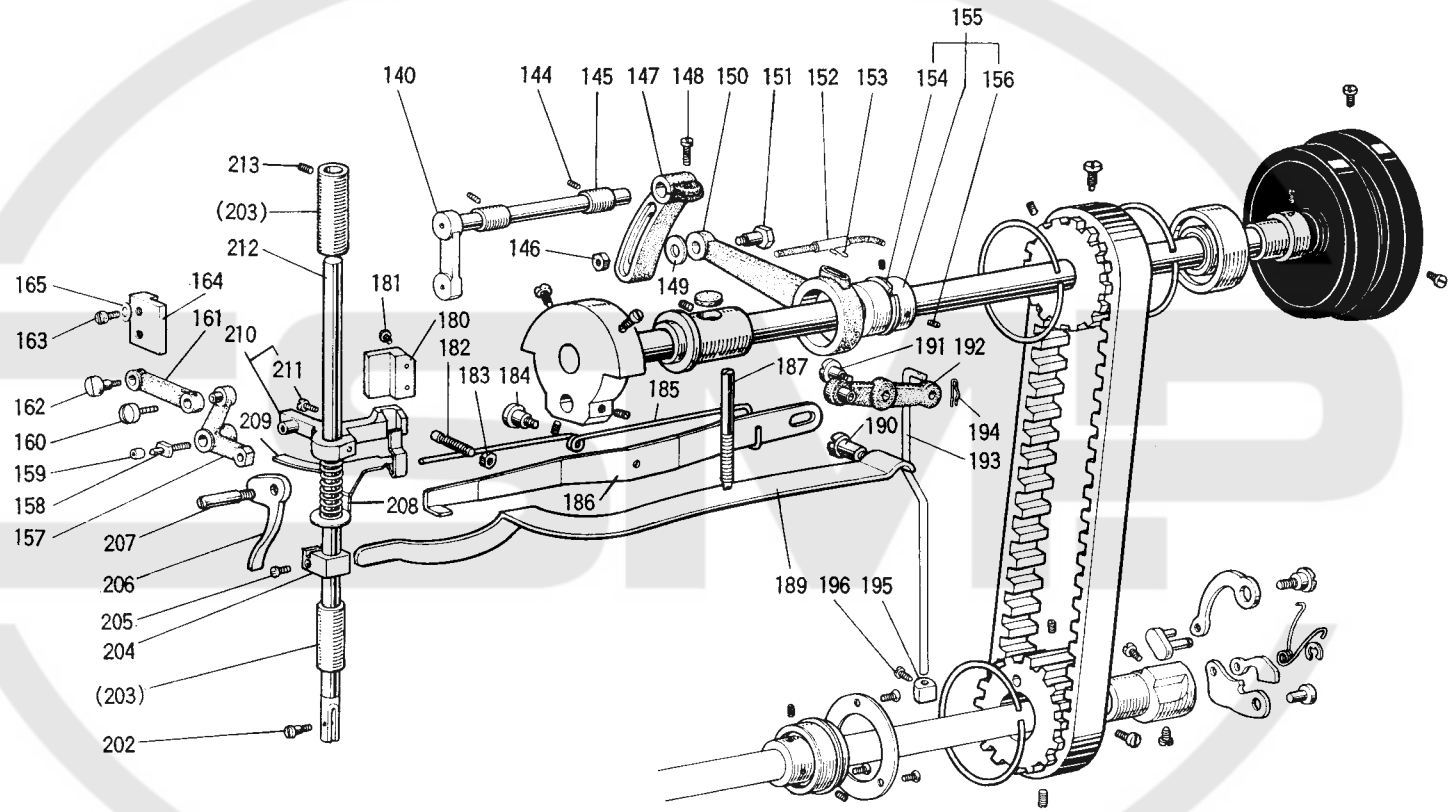
## 3 上軸機構
## UPPER SHAFT MECHANISM



## 3 上軸機構
## UPPER SHAFT MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-03 | 4430 |
|---|---|---|---|---|---|---|---|---|
| 90 | MP 40A0 383 | クランク (組)…… | Crank …… | 1 | 1 | 1 | | 1 |
| | MP 40A1 383 | クランク (組)…… | Crank …… | | | | 1 | |
| 91 | M9 1602 001 | 止メネジ 1/4(40)×3.5 …… | Screw 1/4(40)×3.5…… | 1 | 1 | 1 | 1 | 1 |
| 92 | M9 1606 001 | 止メネジ 1/4(40)×7 …… | Screw 1/4(40)×7…… | 1 | 1 | 1 | 1 | 1 |
| 93 | M9 1802 006 | 平ネジ棒先 9/32(28)×14…… | Screw 9/32(28)×14…… | 1 | 1 | 1 | 1 | 1 |
| 94 | M9 1801 002 | 平ネジ 9/32(28))×13 …… | Screw 9/32(28)×13…… | 1 | 1 | 1 | 1 | 1 |
| 95 | MN 40A0 231 | 上軸メタル 左…… | Arm shaft bushing (left) …… | 1 | 1 | 1 | 1 | 1 |
| 96 | M9 1654 001 | 止メネジ 1/4(24)×13…… | Screw 1/4(24)×13 …… | 1 | 1 | 1 | 1 | 1 |
| 97 | MN 10A6 740 | フェルト …… | Felt …… | 1 | 1 | 1 | 1 | 1 |
| 98 | MP 60A0 230 | 上軸 …… | Arm shaft …… | 1 | 1 | 1 | 1 | 1 |
| 99 | MN 10A1 851 | センサイクバネ …… | Spring flange…… | 3 | 3 | 3 | 3 | 3 |
| 100 | M9 1516 002 | 平ネジ 15/64(28)×8.5 …… | Screw 15/64(28)×8.5 …… | 1 | 1 | 1 | 1 | 1 |
| 101 | MP 40A0 767 | 歯型ベルト車 (上)…… | Belt pulley (upper) …… | 1 | 1 | | | |
| | MP 41A0 767 | 歯型ベルト車 (上)…… | Belt pulley (upper) …… | | | 1 | 1 | 1 |
| 102 | M9 1501 007 | 丸平ネジ棒先 15/64(28)×14.5…… | Screw 15/64(28)×14.5…… | 1 | 1 | 1 | 1 | 1 |
| 103 | MN 70A0 456 | 軸受ケ …… | Ball bearing…… | 1 | 1 | | | |
| 104 | MN 40A1 750 | ブッシュ …… | Bushing …… | 1 | 1 | | | |
| 105 | M9 1516 002 | 平ネジ 15/64(28)×8.5 …… | Screw 15/64(28)×8.5 …… | 2 | 2 | | | |
| 106 | MV 11E0 682 | ハズミ車 (組)…… | Balance wheel…… | 1 | 1 | | | |
| 107 | M9 1502 002 | 平ネジ 11/64(28)×12…… | Screw 11/64(28)×12…… | 2 | 2 | | | |
| 108 | MP 40A0 523 | 歯型ベルト …… | Cog belt …… | 1 | 1 | 1 | 1 | 1 |
| **905** | MP 00E0 768 | ベルト車下 (組)…… | Belt pulley (lower) complete … | 1 | 1 | 1 | 1 | 1 |
| 109 | MP 00B0 871 | 板バネ …… | Spring plate …… | 1 | 1 | 1 | 1 | 1 |
| 110 | M9 0605 063 | 段付偏心ピン φ6×14.5…… | Pin φ6×14.5…… | 1 | 1 | 1 | 1 | 1 |
| 111 | MP 00B1 910 | リンク …… | Link…… | 1 | 1 | 1 | 1 | 1 |
| 112 | M9 0513 065 | E型止メ輪 2.5 …… | E-type stop ring 2.5…… | 1 | 1 | 1 | 1 | 1 |
| 113 | MP 00B0 729 | ヒネリバネ …… | Twist spring…… | 1 | 1 | 1 | 1 | 1 |
| 114 | MP 00B0 346 | ツメ …… | Plate …… | 1 | 1 | 1 | 1 | 1 |
| 115 | M9 0604 063 | 段付軸 φ6.35×13…… | Pin φ6.35×13 …… | 1 | 1 | 1 | 1 | 1 |
| 116 | MP 00B0 952 | ツメ …… | Plate …… | 1 | 1 | 1 | 1 | 1 |
| 117 | MP 00B1 750 | ブッシュ …… | Bushing …… | 1 | 1 | 1 | 1 | 1 |
| 118 | M9 1503 007 | 丸平ネジ棒先 15/64(28)×10.5…… | Screw 15/64(28)×10.5…… | 1 | 1 | 1 | 1 | 1 |
| 119 | M9 1515 002 | 平ネジ 15/64(28)×10…… | Screw 15/64(28)×10…… | 1 | 1 | 1 | 1 | 1 |
| 121 | MP 00B0 768 | 歯型ベルト車 (下)…… | Belt pulley (lower) …… | 1 | 1 | 1 | 1 | 1 |
| 122 | M9 1503 001 | 止メネジ 15/64(28)×4.5 …… | Screw 15/64(28)×4.5 …… | 2 | 2 | 2 | 2 | 2 |

## 4 上部上下送り機構
## WALKING FOOT MOTION MECHANISM
## 5 押え・ひざ上げ機構
## PRESSER FOOT MECHANISM



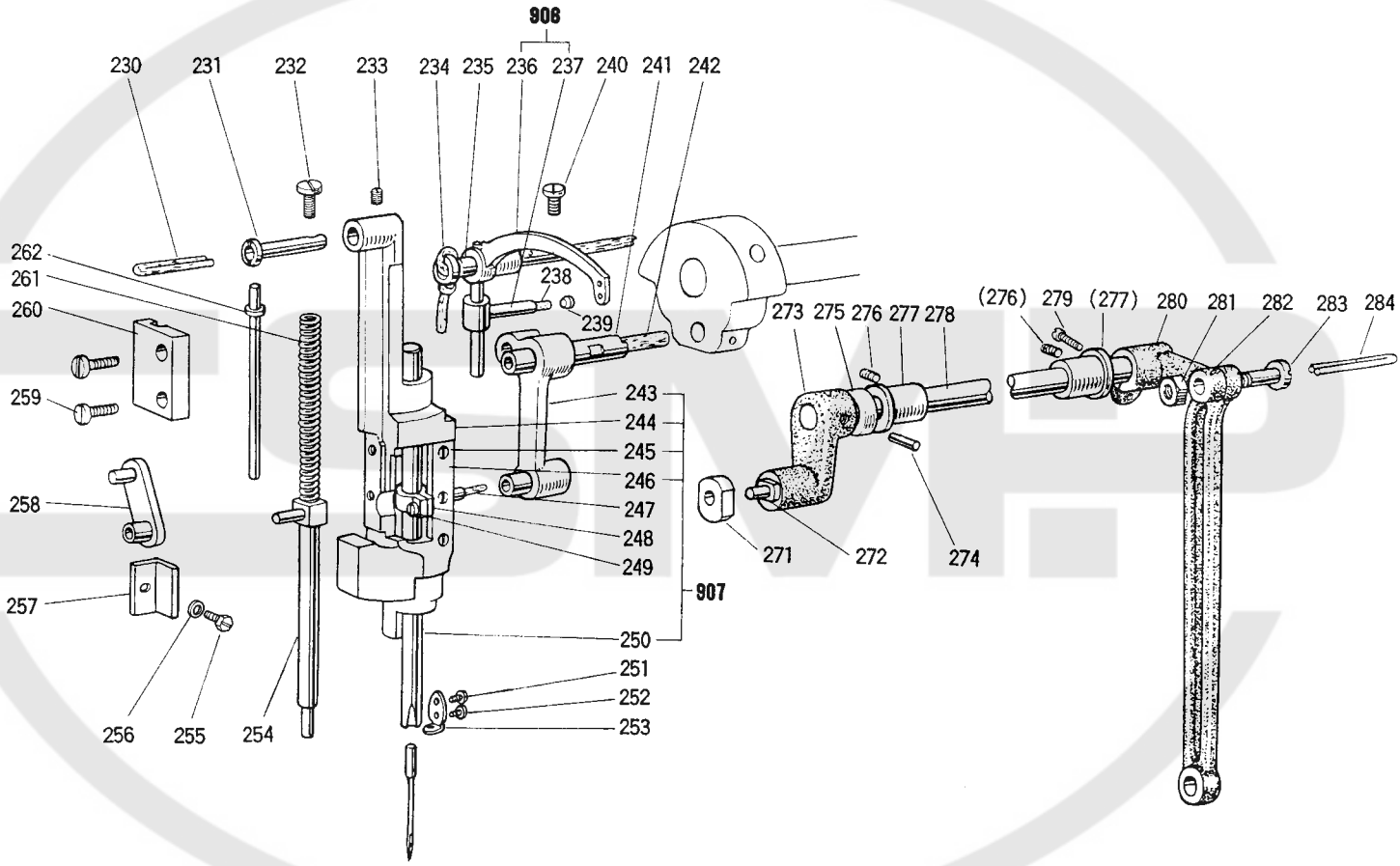
## 4 上部上下送り機構
## WALKING FOOT MOTION MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 140 | MP 40A0 268 | サドウ軸 | Feed lifting rock shaft | 1 | 1 | 1 | 1 | 1 |
| 144 | M9 1653 001 | 止メネジ 1/4(24)×7 | Screw 1/4(24)×7 | 2 | 2 | 2 | 2 | 2 |
| 145 | MG10B0 833 | メタル | Bushing | 2 | 2 | 2 | 2 | 2 |
| 146 | M9 1572 045 | Uナット 6×(0.75) | U nut 6×(0.75) | 1 | 1 | 1 | 1 | 1 |
| 147 | MP 00B0 462 | 上部上下腕 (右) | Lever (right) | 1 | 1 | 1 | 1 | 1 |
| 148 | M9 1603 003 | 丸平ネジ 1/4(24)×16 | Screw 1/4(24)×16 | 1 | 1 | 1 | 1 | 1 |
| 149 | M9 0607 050 | ミガキ座金 6 | Washer 6 | 1 | 1 | 1 | 1 | 1 |
| 150 | MG30B0 384 | 連接桿 | Connecting rod | 1 | 1 | 1 | 1 | 1 |
| 151 | M9 1551 015 | 特殊ボルト M6(0.75)×24 | Bolt M6(0.75)×24 | 1 | 1 | 1 | 1 | 1 |
| 152 | MP 40E5 688 | パイプヒモ (組) | Oil pipe & wick complete | 1 | 1 | 1 | 1 | 1 |
| 153 | MF 60A0 700 | センサイクバネ | Spring | 1 | 1 | 1 | 1 | 1 |
| 154 | M9 0325 065 | C型止メ輪軸用 25 | C-type stop ring 25 | 1 | 1 | 1 | 1 | 1 |
| 155 | MP 00B1 760 | 偏心輪 (組) | Eccentric | 1 | 1 | 1 | 1 | 1 |
| 156 | M9 1606 001 | 止メネジ 1/4(40)×7 | Screw 1/4(40)×7 | 2 | 2 | 2 | 2 | 2 |
| 157 | MP 41A0 763 | ベルクランク | Bell crank | 1 | 1 | 1 | 1 | 1 |
| 158 | M9 0507 063 | 支エ軸 | Support shaft | 1 | 1 | 1 | 1 | 1 |
| 159 | MG10B0 411 | コロ | Roller | 1 | 1 | 1 | 1 | 1 |
| 160 | M9 1151 003 | 丸平ネジ 11/64(32)×6 | Screw 11/64(32)×6 | 1 | 1 | 1 | 1 | 1 |
| 161 | MP 41A0 956 | 連接桿 | Link | 1 | 1 | 1 | 1 | 1 |
| 162 | M9 1681 015 | 平ネジ段付 1/4(40)×5 | Screw 1/4(40)×5 | 1 | 1 | 1 | 1 | 1 |
| 163 | M9 1111 003 | 丸平ネジ 11/64(40)×10 | Screw 11/64(40)×10 | 2 | 2 | 2 | 2 | 2 |
| 164 | MP 41A0 765 | ベルクランクガイド | Bell crank guide | 1 | 1 | 1 | 1 | 1 |
| 165 | M9 0450 050 | ミガキ座金 4 | Washer 4 | 2 | 2 | 2 | 2 | 2 |

## 5 押え・ひざ上げ機構
## PRESSER FOOT MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 180 | MN50A0 265 | 押エ棒ダキガイド | Guide | 1 | 1 | 1 | 1 | 1 |
| 181 | M9 1112 002 | 平ネジ 11/64(40)×12 | Screw 11/64(40)×12 | 2 | 2 | 2 | 2 | 2 |
| 182 | M9 1657 002 | 平ネジ 1/4(24)×21.9 | Screw 1/4(24)×21.9 | 1 | 1 | 1 | 1 | 1 |
| 183 | M9 1601 045 | ナット | Nut | 1 | 1 | 1 | 1 | 1 |
| 184 | M9 1601 016 | 丸平ネジ段付 1/4(24)×14 | Screw 1/4(24)×14 | 1 | 1 | 1 | 1 | 1 |
| 185 | MP 40A0 729 | ヒネリバネ | Twist spring | 1 | 1 | 1 | 1 | 1 |
| 186 | MN40A0 725 | ヒザ上ゲレバー | Knee lifting lever | 1 | 1 | 1 | 1 | 1 |
| 187 | M9 1506 033 | ピンネジ 15/64(28)×79 | Screw 15/64(28)×79 | 1 | 1 | 1 | 1 | 1 |
| 189 | MP 60A0 258 | 板バネ | Lever spring | 1 | 1 | 1 | 1 | 1 |
| 190 | M9 1602 016 | 丸平ネジ段付 1/4(24)×13 | Screw 1/4(24)×13 | 1 | 1 | 1 | 1 | 1 |
| 191 | M9 1606 016 | 丸平ネジ段付 1/4(24)×14 | Screw 1/4(24)×14 | 1 | 1 | 1 | 1 | 1 |
| 192 | MN40E0 724 | ヒザ上ゲレバー (組) | Knee lifter lifting lever complete | 1 | 1 | 1 | 1 | 1 |
| 193 | MP 41A0 511 | 操作棒 | Operation rod | 1 | 1 | 1 | 1 | 1 |
| 194 | M9 0513 060 | スナップピン | Snap pin | 1 | 1 | 1 | 1 | 1 |
| 195 | MN10A0 352 | カラー | Collar | 1 | 1 | 1 | 1 | 1 |
| 196 | M9 1107 002 | 平ネジ 11/64(40)×5.5 | Screw 11/64(40)×5.5 | 1 | 1 | 1 | 1 | 1 |
| 202 | M9 0851 015 | 平ネジ段付 1/8(44)×9 | Screw 1/8(44)×9 | 1 | 1 | 1 | 1 | 1 |
| 203 | MN10A0 267 | 押エ棒メタル | Bushing | 2 | 2 | 2 | 2 | 2 |
| 204 | MN10A0 702 | バネ受ケ | Spring bracket | 1 | 1 | 1 | 1 | 1 |
| 205 | M9 0905 002 | 平ネジ 9/64(40)×8.5 | Screw 9/64(40)×8.5 | 1 | 1 | 1 | 1 | 1 |
| 206 | MN10A0 252 | 押エ上ゲレバー | Lifter lever | 1 | 1 | 1 | 1 | 1 |
| 207 | M9 1113 033 | ピンネジ 11/64(40)×24.5 | Screwed pin 11/64(40)×24.5 | 1 | 1 | 1 | 1 | 1 |
| 208 | MP 00B1 572 | ツル巻バネ | Spring | 1 | 1 | | | |
| 209 | MN40A0 221 | 糸ユルメ | Thread releasing plate | 1 | 1 | | | |
| 210 | MP 40A0 265 | 押エ棒ダキ (組) | Bracket | 1 | 1 | | | |
| | MP 41A0 265 | 押エ棒ダキ (組) | Bracket | | | 1 | 1 | 1 |
| 211 | M9 1113 002 | 平ネジ 11/64(40)×15 | Screw 11/64(40)×15 | 1 | 1 | 1 | 1 | 1 |
| 212 | MN10A0 262 | 押エ棒 | Presser bar | 1 | 1 | 1 | 1 | 1 |
| 213 | M9 1654 001 | 止メネジ 1/4(24)×13 | Screw 1/4(24)×13 | 2 | 2 | 2 | 2 | 2 |

## 6 針棒・天秤機構
## NEEDLE BAR & THREAD TAKE-UP LEVER MECHANISM
## 7 針棒揺動機構
## NEEDLE BAR ROCKING MOTION MECHANISM



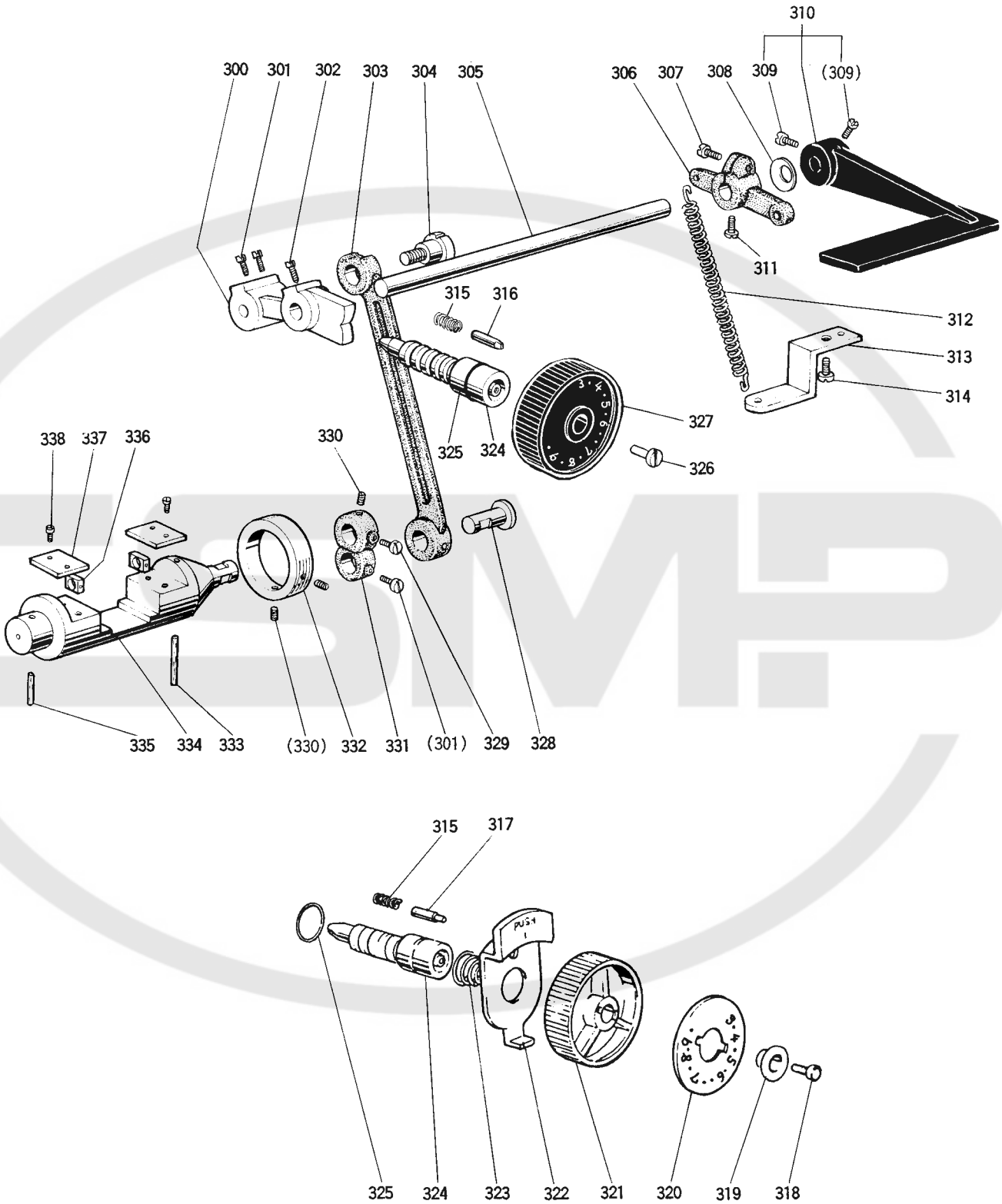
## 6 針棒・天秤機構
## NEEDLE BAR & THREAD TAKE-UP LEVER MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-03 | 4430 |
|---|---|---|---|---|---|---|---|---|---|
| 230 | MF 10E2 148 | ヒ | モ | φ2.5×80 | Oil wick φ2.5×80 | 1 | 1 | 1 | 1 | 1 |
| 231 | MP 40A0 425 | 支 エ | 軸 | | Needle bar guide bracket stud | 1 | 1 | 1 | 1 | 1 |
| 232 | M9 2002 002 | 平 ネ | ジ | 5/16(28)×10 | Screw 5/16(28)×10 | 1 | 1 | 1 | 1 | 1 |
| 233 | M9 1508 001 | 止 メ ネ | ジ | 15/64(28)×8 | Screw 15/64(28)×8 | 1 | 1 | 1 | 1 | 1 |
| 234 | MF 10E2 148 | ヒ | モ | φ2.5×240 | Oil wick φ2.5×240 | 1 | 1 | 1 | 1 | 1 |
| 235 | MN 10A0 587 | 天秤支エ | 軸 | | Thread take-up lever support stud | 1 | 1 | 1 | 1 | 1 |
| **906** | MP 60E0 582 | 天秤・スベリ | 金 | (組) | Thread take-up lever & slide brock (complete) | 1 | 1 | 1 | | 1 |
| | MP 41E0 582 | 天秤・スベリ | 金 | (組) | Thread take-up lever & slide brock (complete) | | | | 1 | |
| 236 | ———— | 天 | 秤 | | Thread take-up lever | 1 | 1 | 1 | | 1 |
| | ———— | 天 | 秤 | | Thread take-up lever | | | | 1 | |
| 237 | ———— | ス ベ リ | 金 | | Thread take-up slide brock | 1 | 1 | 1 | | 1 |
| | ———— | ス ベ リ | 金 | | Thread take-up slide brock | | | | 1 | |
| 238 | MF 10E3 148 | ヒ | モ | φ3×25 | Oil wick φ3×25 | 1 | 1 | 1 | 1 | 1 |
| 239 | MN 10A0 500 | 栓 | | | Plug | 1 | 1 | 1 | 1 | 1 |
| 240 | M9 1502 002 | 平 ネ | ジ | 15/64(28)×8.5 | Screw 15/64(28)×8.5 | 1 | 1 | 1 | 1 | 1 |
| 241 | MN 70A0 387 | 針棒クランク | 軸 | | Needle bar crank pin | 1 | 1 | 1 | 1 | 1 |
| 242 | MP 60A0 148 | ヒ | モ | φ3×80 | Oil wick φ3×80 | 1 | 1 | 1 | 1 | 1 |
| **907** | MP 60E0 666 | 針棒支エ | | (組) | Needle bar guide bracket (complete) | 1 | | 1 | 1 | |
| | MP 62E0 666 | 針棒支エ | | (組) | Needle bar guide bracket (complete) | | 1 | | | 1 |
| 243 | MP 00B0 661 | 連 接 | 桿 | | Connecting link | 1 | 1 | 1 | 1 | 1 |
| 244 | MP 60A0 666 | 支 | エ | | Needle bar guide bracket | 1 | 1 | 1 | 1 | 1 |
| 245 | M9 0604 011 | 丸 皿 ネ | ジ | 3/32(56)×4 | Screw 3/32(56)×4 | 6 | 6 | 6 | 6 | 6 |
| 246 | MP 00B0 476 | ス ペ ー | サ | | Spacer | 2 | 2 | 2 | 2 | 2 |
| 247 | MN 10A0 740 | フ ェ ル | ト | | Felt | 1 | 1 | 1 | 1 | 1 |
| 248 | MP 00B0 665 | 針 棒 ダ | キ | | Needle bar holder | 1 | 1 | 1 | 1 | 1 |
| 249 | M9 0905 002 | 平 ネ | ジ | 9/64(40)×8.5 | Screw 9/64(40)×8.5 | 1 | 1 | 1 | 1 | 1 |
| 250 | MP 00A0 660 | 針 | 棒 | | Needle bar | 1 | | 1 | 1 | |
| | MP 20B0 660 | 針 | 棒 | | Needle bar | | 1 | | | 1 |
| 251 | M9 0602 002 | 平 ネ | ジ | 3/32(56)×3 | Screw 3/32(56)×3 | 1 | | 1 | 1 | |
| 252 | M9 0813 002 | 平 ネ | ジ | 1/8(44)×3 | Screw 1/8(44)×3 | 1 | | 1 | 1 | |
| 253 | MP 00B1 181 | 針棒糸カ | ケ | | Needle bar thread guide | 1 | | 1 | 1 | |
| 254 | MP 00B0 881 | 揺動押エ | 棒 | | Vibrating presser bar | 1 | 1 | 1 | 1 | 1 |
| 255 | M9 0107 024 | 溝付ボル | ト | 11/64(40)×12 | Screw 11/64(40)×12 | 1 | 1 | 1 | 1 | 1 |
| 256 | M9 0401 050 | 座 | 金 | | Washer | 1 | 1 | 1 | 1 | 1 |
| 257 | MN 80A1 154 | 案 内 | 金 | | Needle bar guide | 1 | 1 | 1 | 1 | 1 |
| 258 | MP 00B0 882 | リ ン | ク | | Vibrating presser bar link | 1 | 1 | 1 | 1 | 1 |
| 259 | M9 1113 002 | 平 ネ | ジ | 11/64(40)×15 | Screw 11/64(40)×15 | 2 | 2 | 2 | 2 | 2 |
| 260 | MP 00B0 883 | 案 内 | 金 | | Vibrating presser bar guide | 1 | 1 | 1 | 1 | 1 |
| 261 | MH 19A0 259 | ソル巻バネ | | | Spring | 1 | 1 | 1 | 1 | 1 |
| 262 | MP 00B0 884 | 案 内 | 棒 | | Vibating presser spring guide | 1 | 1 | 1 | 1 | 1 |

## 7 針棒揺動機構
## NEEDLE BAR ROCKING MOTION MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-03 | 4430 |
|---|---|---|---|---|---|---|---|---|---|
| 271 | MN 25A0 325 | 角 | 駒 | | Square block | 1 | 1 | 1 | 1 | 1 |
| 272 | M9 0509 060 | 支 エ | 軸 | | Crank pin | 1 | 1 | 1 | 1 | 1 |
| 273 | MN 50A1 672 | 針棒揺動腕 | | (左) | Needle bar vibrating crank (left) | 1 | 1 | 1 | 1 | 1 |
| 274 | M9 0401 061 | テーパピン | | φ4×23×1/5 | Taper φ4×23×1/5 | 1 | 1 | 1 | 1 | 1 |
| 275 | MN 50A0 352 | カ ラ | ー | | Collar | 1 | 1 | 1 | 1 | 1 |
| 276 | M9 1653 001 | 止 メ ネ | ジ | 1/4(24)×8 | Screw 1/4(24)×8 | 2 | 2 | 2 | 2 | 2 |
| 277 | MN 40A0 669 | 針棒揺動軸メタル | | | Needle bar vibrating shaft bushing | 2 | 2 | 2 | 2 | 2 |
| 278 | MN 40A0 668 | 針棒揺動 | 軸 | | Needle bar vibrating shaft | 1 | 1 | 1 | 1 | 1 |
| 279 | M9 1603 003 | 丸平ネ | ジ | 1/4(24)×16 | Screw 1/4(24)×16 | 1 | 1 | 1 | 1 | 1 |
| 280 | MN 55A2 672 | 針棒揺動 | 腕 | (右) | Needle bar vibrating crank (right) | 1 | 1 | 1 | 1 | 1 |
| 281 | M9 2002 045 | ナ ッ | ト | 5/16(24) | Nut 5/16(24) | 1 | 1 | 1 | 1 | 1 |
| 282 | MN 25A0 671 | 連 接 | 桿 | | Connecting link | 1 | 1 | 1 | 1 | 1 |
| 283 | M9 2001 015 | 平ネジ段 | 付 | 5/16(24)×26.2 | Screw 5/16(24)×26.2 | 1 | 1 | 1 | 1 | 1 |
| 284 | MF 10E2 148 | ヒ | モ | φ2.5×85 | Oil wick φ2.5×85 | 1 | 1 | 1 | 1 | 1 |

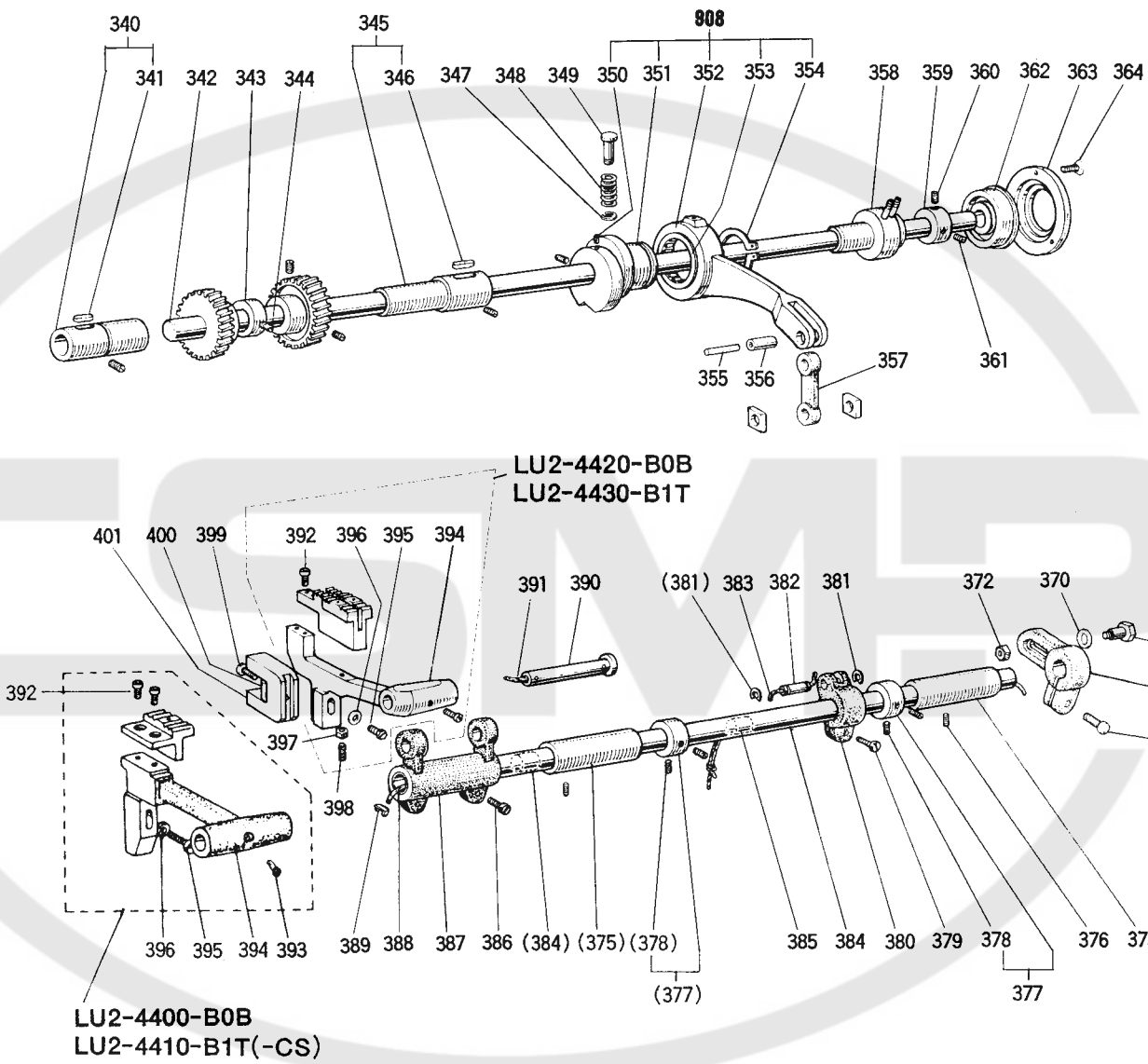
## 8 縫目加減機構
## STITCH REGULATOR MECHANISM



## 8 縫目加減機構
## STITCH REGULATOR MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 300 | MN 40A0 291 | 送リ調節カム ····· | Feed regulator cam ····· | 1 | 1 | 1 | 1 | 1 |
| 301 | M9 1516 002 | 平ネジ $^{15}/_{64}$(28)×8.5 ····· | Screw $^{15}/_{64}$(28)×8.5 ····· | 3 | 3 | 3 | 3 | 3 |
| 302 | M9 1505 007 | 丸平ネジ棒先 $^{15}/_{64}$(28)×12····· | Screw $^{15}/_{64}$(28)×12····· | 1 | 1 | 1 | 1 | 1 |
| 303 | MN 40A2 956 | 連接桿 ····· | Link····· | 1 | 1 | 1 | 1 | 1 |
| 304 | MN 40A0 761 | 偏心軸 ····· | Eccentric shaft····· | 1 | 1 | 1 | 1 | 1 |
| 305 | MN 50A0 320 | 返シ縫イ軸 (上)····· | Reverse stitch shaft (upper)···· | 1 | 1 | 1 | 1 | 1 |
| 306 | MN 40A0 228 | 腕 ····· | Arm ····· | 1 | 1 | | | |
| | MN 50A6 228 | 腕 ····· | Arm ····· | | | 1 | 1 | 1 |
| 307 | M9 0508 003 | 丸平ネジ $^{15}/_{64}$(28)×16.5····· | Screw $^{15}/_{64}$(28)×16.5····· | 1 | 1 | 1 | 1 | 1 |
| 308 | M9 5003 053 | バネ座金 ····· | Spring washer ····· | 1 | 1 | | | |
| 309 | M9 1516 002 | 平ネジ $^{15}/_{64}$(28)×8.5 ····· | Screw $^{15}/_{64}$(28)×8.5 ····· | 2 | 2 | | | |
| 310 | MN 70A0 632 | 縫目加減レバー (組)····· | Reverse sewing lever····· | 1 | 1 | | | |
| | MN 72A0 632 | 縫目加減レバー (組)····· | Reverse sewing lever····· | | | 1 | 1 | 1 |
| 311 | M9 1102 002 | 平ネジ $^{11}/_{64}$(40)×8.5 ····· | Screw $^{11}/_{64}$(40)×8.5 ····· | 1 | 1 | 1 | 1 | 1 |
| 312 | MN 60A2 572 | ツル巻バネ ····· | Spring ····· | 1 | 1 | 1 | 1 | 1 |
| 313 | MN 40A0 154 | 案内板 ····· | Guide plate ····· | 1 | 1 | | | |
| 314 | M9 1110 002 | 平ネジ $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 1 | 1 | | | |
| 315 | MF 10A2 572 | ツル巻バネ ····· | Spring ····· | 1 | 1 | 1 | 1 | 1 |
| 316 | MF 80A0 852 | ピン ····· | Pin ····· | 1 | 1 | | | |
| 317 | MF 00A0 852 | ピン ····· | Pin ····· | | | 1 | 1 | 1 |
| 318 | M9 1215 002 | 平ネジ $^{3}/_{16}$(28)×12····· | Screw $^{3}/_{16}$(28)×12····· | | | 1 | 1 | 1 |
| 319 | MF 00A0 257 | 押エ金 ····· | Bushing ····· | | | 1 | 1 | 1 |
| 320 | MP 61A0 841 | 目盛板 ····· | Stitch length indicating plate ··· | | | 1 | 1 | 1 |
| 321 | MF 01A0 631 | ダイヤル ····· | Dial ····· | | | 1 | 1 | 1 |
| 322 | MF 00A0 950 | レバー ····· | Stopper pin releasing lever··· | | | 1 | 1 | 1 |
| 323 | MF 02A0 245 | 円錐バネ ····· | Coil spring ····· | | | 1 | 1 | 1 |
| 324 | MF 90A0 640 | 送リ調節ネジ ····· | Screw bar ····· | 1 | 1 | 1 | 1 | 1 |
| 325 | M9 1000 085 | Oリング φ10····· | O-ring φ10····· | 1 | 1 | 1 | 1 | 1 |
| 326 | M9 1209 002 | 平ネジ $^{3}/_{16}$(28)×6.6 ····· | Screw $^{3}/_{16}$(28)×6.6 ····· | 1 | 1 | | | |
| 327 | MP 60A0 631 | ダイヤル ····· | Dial ····· | 1 | 1 | | | |
| 328 | M9 0907 060 | ピン ····· | Pin ····· | 1 | 1 | 1 | 1 | 1 |
| 329 | M9 1515 002 | 平ネジ $^{15}/_{64}$(28)×10····· | Screw $^{15}/_{64}$(28)×10····· | 1 | 1 | 1 | 1 | 1 |
| 330 | M9 1506 001 | 止メネジ $^{15}/_{64}$(28)×6 ····· | Screw $^{15}/_{64}$(28)×6 ····· | 3 | 3 | 3 | 3 | 3 |
| 331 | MN 40A0 634 | 縫目加減腕下 ····· | Reverse sewing crank ····· | 1 | 1 | 1 | 1 | 1 |
| 332 | MN 45A0 352 | カラー ····· | Collar ····· | 1 | 1 | 1 | 1 | 1 |
| 333 | MP 40A1 740 | フェルト ····· | Felt ····· | 1 | 1 | 1 | 1 | 1 |
| 334 | MP 60A0 321 | 返シ台 ····· | Reverse block ····· | 1 | 1 | 1 | 1 | 1 |
| 335 | MP 40A0 740 | フェルト ····· | Felt ····· | 1 | 1 | 1 | 1 | 1 |
| 336 | MN 40A0 325 | 角駒 ····· | Square block ····· | 2 | 2 | 2 | 2 | 2 |
| 337 | MN 45A0 154 | 案内板 ····· | Guide plate ····· | 2 | 2 | 2 | 2 | 2 |
| 338 | M9 1106 004 | プラマイネジ $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 4 | 4 | 4 | 4 | 4 |

## [9] 下軸・送り機構
## LOWER SHAFT & FEED ROCKING MOTION MECHANISM

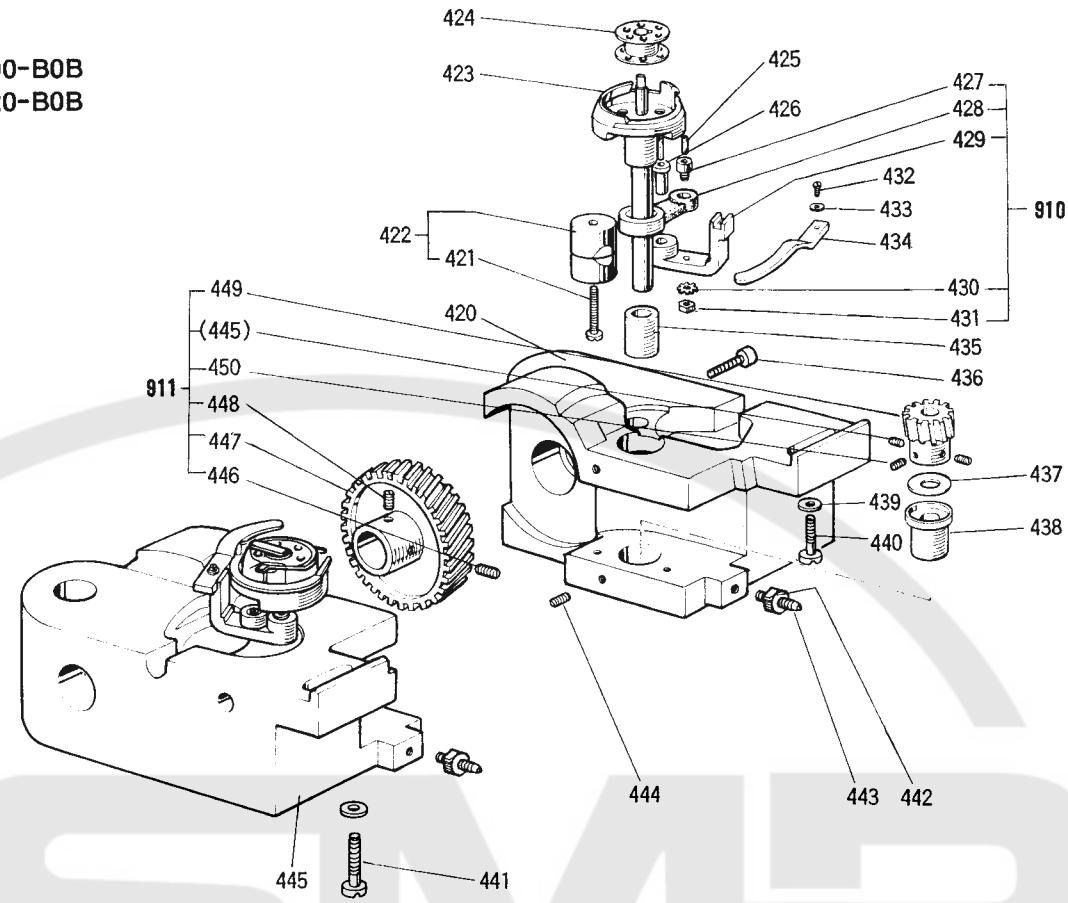


# ⑨ 下軸・送り機構
# LOWER SHAFT & FEED ROCKING MOTION MECHANISM

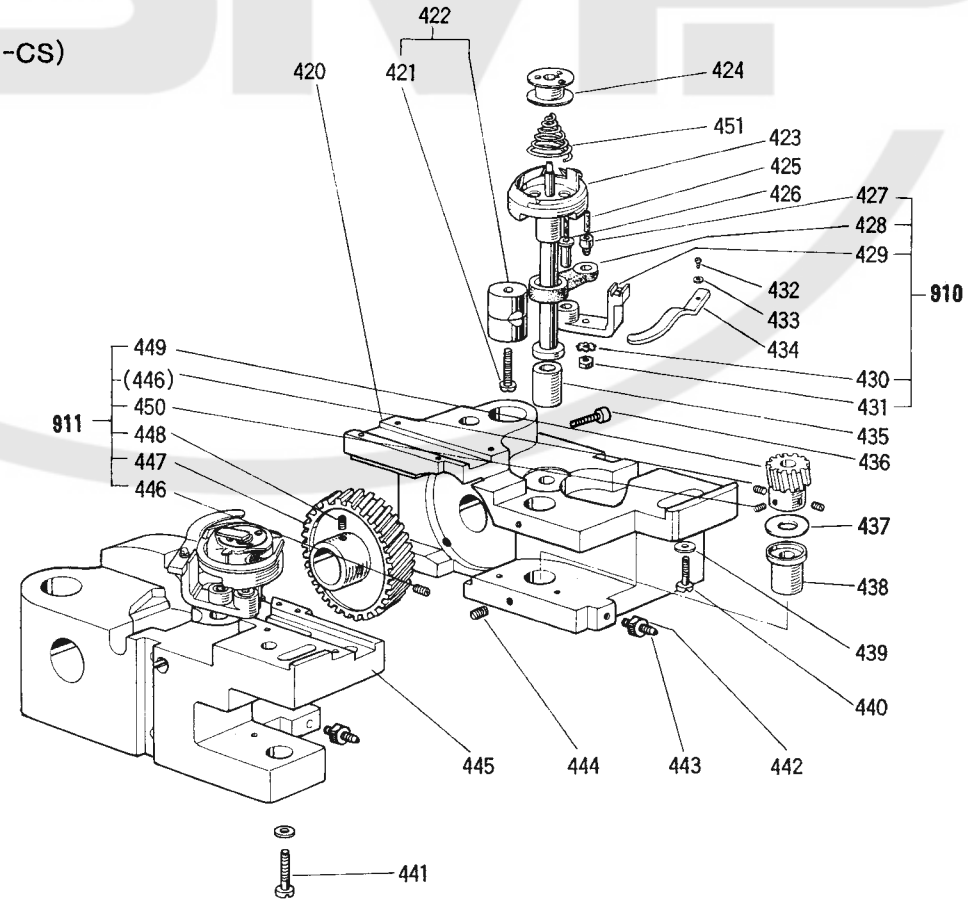
| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 340 | MN10A0 451 | 下軸メタル | 左(組)…… | Lower shaft busing (left)…… | 1 | 1 | 1 | 1 | 1 |
| 341 | MF 10E2 148 | ヒモ | φ2.5×45…… | Oil wick φ2.5×45…… | 1 | 1 | 1 | 1 | 1 |
| 342 | MP 40A0 450 | 下軸 | …… | Lower shaft…… | 1 | 1 | 1 | 1 | 1 |
| 343 | MN10A0 292 | 偏心輪 | …… | Feed eccentric cam …… | 1 | 1 | 1 | | 1 |
| | | 偏心輪 | …… | Feed eccentric cam …… | | | | 1 | |
| 344 | M9 1603 001 | 止メネジ棒先 | 1/4(40)×5 …… | Screw 1/4(40)×5…… | 1 | 1 | 1 | 1 | 1 |
| 345 | MP 40A0 452 | 下軸メタル | 右(組)…… | Lower shaft bushing (right) ·· | 1 | 1 | 1 | 1 | 1 |
| 346 | MF 10E2 148 | ヒモ | φ2.5×85…… | Oil wick φ2.5×85…… | 1 | 1 | 1 | 1 | 1 |
| 347 | M9 0505 065 | E型止メ輪 | 5…… | E-type stop ring 5…… | 1 | 1 | 1 | 1 | 1 |
| 348 | MP 41A0 572 | ツル巻バネ | …… | Spring …… | 1 | 1 | 1 | 1 | 1 |
| 349 | MP 41A0 270 | 押シボタン | …… | Push boutton …… | 1 | 1 | 1 | 1 | 1 |
| **908** | MP 60E0 305 | 水平送リカムロッド | (組)…… | Feed regulator complete…· | 1 | 1 | 1 | 1 | 1 |
| 350 | M9 1516 001 | 止メネジ | 15/64(28)×13.5…· | Screw 15/64(28)×13.5…… | 2 | 2 | 2 | 2 | 2 |
| 351 | MP 40A0 492 | 水平送リカム | …… | Feed eccentric …… | 1 | 1 | 1 | 1 | 1 |
| 352 | MN 40A0 293 | 送リロッド | …… | Feed connecting rod …… | 1 | 1 | 1 | 1 | 1 |
| 353 | MN 40A0 456 | 軸受 | …… | Needle bearing …… | 1 | 1 | 1 | 1 | 1 |
| 354 | M9 0526 065 | C型止メ輪 | 26…… | C-type stop ring 26…… | 1 | 1 | 1 | 1 | 1 |
| 355 | MP 40A0 148 | ヒモ | …… | Oil wick …… | 1 | 1 | 1 | 1 | 1 |
| 356 | MN 40A0 454 | 軸 | …… | Shaft …… | 1 | 1 | 1 | 1 | 1 |
| 357 | MN 40A1 956 | 連接桿 | …… | Link…… | 1 | 1 | 1 | 1 | 1 |
| 358 | MP 40E0 453 | 下軸メタル中 | (組)…… | Lower shaft busing complete (middle) · | 1 | 1 | 1 | 1 | 1 |
| 359 | MN 10A0 750 | ブシュ | …… | Bushing …… | 1 | 1 | 1 | 1 | 1 |
| 360 | M9 1602 001 | 止メネジ | 1/4(40)×4 …… | Screw 1/4(40)×4…… | 1 | 1 | 1 | 1 | 1 |
| 361 | M9 1603 001 | 止メネジ棒先 | 1/4(40)×5 …… | Screw 1/4(40)×5…… | 1 | 1 | 1 | 1 | 1 |
| 362 | MN 10A2 456 | 軸受ケ | …… | Ball bearing…… | 1 | 1 | 1 | 1 | 1 |
| 363 | MN 10A0 771 | 押エ板 | …… | Bearing holder…… | 1 | 1 | 1 | 1 | 1 |
| 364 | M9 0902 011 | 丸皿ネジ | 9/64(40)×7 …… | Screw 9/64(40)×7 …… | 3 | 3 | 3 | 3 | 3 |
| 370 | M9 0602 050 | 座金 | …… | Washer…… | 1 | 1 | 1 | 1 | 1 |
| 371 | M9 1552 015 | 特殊ボルト | …… | Screw…… | 1 | 1 | 1 | 1 | 1 |
| 372 | M9 1572 045 | Uナット | 6×0.75…… | Nut 6×0.75 …… | 1 | 1 | 1 | 1 | 1 |
| 373 | MP 41A0 275 | 送リ腕 | (右)…… | Feed connection crank (right) · | 1 | 1 | 1 | 1 | 1 |
| 374 | M9 1603 003 | 丸平ネジ | 1/4(24)×16…… | Screw 1/4(24)×16 …… | 1 | 1 | 1 | 1 | 1 |
| 375 | MF 70A0 286 | 送リ軸メタル | …… | Feed rock shaft bushing…· | 2 | 2 | 2 | 2 | 2 |
| 376 | M9 1654 001 | 止メネジ | 1/4(24)×2.1 …… | Screw 1/4(24)×2.1…… | 2 | 2 | 2 | 2 | 2 |
| 377 | MF 80A0 352 | カラー | (組)…… | Collar …… | 2 | 2 | 2 | 2 | 2 |
| 378 | M9 1602 001 | 止メネジ | 1/4(40)×4 …… | crew 1/4(40)×4 …… | 4 | 4 | 4 | 4 | 4 |
| 379 | M9 1603 003 | 丸平ネジ | 1/4(24)×16…… | Screw 1/4(24)×16 …… | 1 | 1 | 1 | 1 | 1 |
| 380 | MN 40A0 273 | 送リ腕 | (中)…… | Feed connection crank (middle) · | 1 | 1 | 1 | 1 | 1 |
| 381 | M9 0505 065 | E型止メ輪 | 5…… | E-type stop ring 5…… | 2 | 2 | 2 | 2 | 2 |
| 382 | MN 40A1 454 | 軸 | …… | Pin …… | 1 | 1 | 1 | 1 | 1 |
| 383 | MP 40A0 148 | ヒモ | φ3×55…… | Oil wick φ3×55…… | 1 | 1 | 1 | 1 | 1 |
| 384 | MN 40A0 491 | 水平送リ軸 | …… | Feed rock shaft…… | 1 | 1 | 1 | 1 | 1 |
| 385 | MP 40A2 740 | フェルト | …… | Felt …… | 2 | 2 | 2 | 2 | 2 |
| 386 | M9 1204 003 | 丸平ネジ | 3/16(28)×12…… | Screw 3/16(28)×12 …… | 2 | 2 | 2 | 2 | 2 |
| 387 | MN 40A0 278 | 水平送リ腕左 | …… | Feed connection crank (left) … | 1 | 1 | | | |
| | MN 50A0 278 | 水平送リ腕左 | …… | Feed connection crank (left) … | | | 1 | 1 | 1 |
| 388 | MF 10E2 148 | ヒモ | φ2.5×430…… | Oil wick φ2.5×430 …… | 1 | 1 | 1 | 1 | 1 |
| 389 | MF 80A0 780 | クリップ | …… | Clip …… | 1 | 1 | 1 | 1 | 1 |
| 390 | MN 40A0 283 | ツバ付軸 | …… | Feed bar shaft…… | 1 | 1 | 1 | 1 | 1 |
| 391 | MF 10E2 148 | ヒモ | φ2.5×150…… | Oil wick φ2.5×150 …… | 1 | 1 | 1 | 1 | 1 |
| 392 | M9 0803 020 | 六角穴付ボルト | 1/8(40)×7 …… | Bolt 1/8(40)×7…… | 2 | 2 | 2 | 2 | 2 |
| 393 | M9 1109 002 | 平ネジ | 11/64(40)×7 …… | Screw 11/64(40)×7 …… | 1 | 1 | 1 | 1 | 1 |
| 394 | MP 41A0 281 | 送リ台 | …… | Feed bar…… | 1 | | 1 | 1 | |
| | MN 40A3 281 | 送リ台 | …… | Feed bar…… | | 1 | | | |
| | MN 50A2 281 | 送リ台 | …… | Feed bar…… | | | | | 1 |
| 395 | M9 1513 022 | ボルト | 15/64(28)×16…… | Bolt 15/64(28)×16 …… | 1 | 1 | 1 | 1 | 1 |
| 396 | M9 0624 050 | 座金 | …… | Washer…… | 1 | 1 | 1 | 1 | 1 |
| 397 | M9 0801 045 | ナット | …… | Nut…… | | 1 | | | 1 |
| 398 | M9 0851 001 | 止メネジ | 1/8(40)×15…… | Screw 1/8(40)×15 …… | | 1 | | | 1 |
| 399 | M9 0804 003 | 丸平ネジ | 1/8(44)×4 …… | Screw 1/8(44)×4…… | 1 | 1 | 1 | 1 | 1 |
| 400 | MP 42A0 740 | フェルト | …… | Felt …… | 1 | 1 | 1 | 1 | 1 |
| 401 | MN 40A0 744 | 二又 | …… | Feed bar forked connection ·· | 1 | 1 | 1 | 1 | 1 |

# 10 カマ台機構
# HOOK SADDLE MECHANISM

LU2-4400-B0B
LU2-4420-B0B



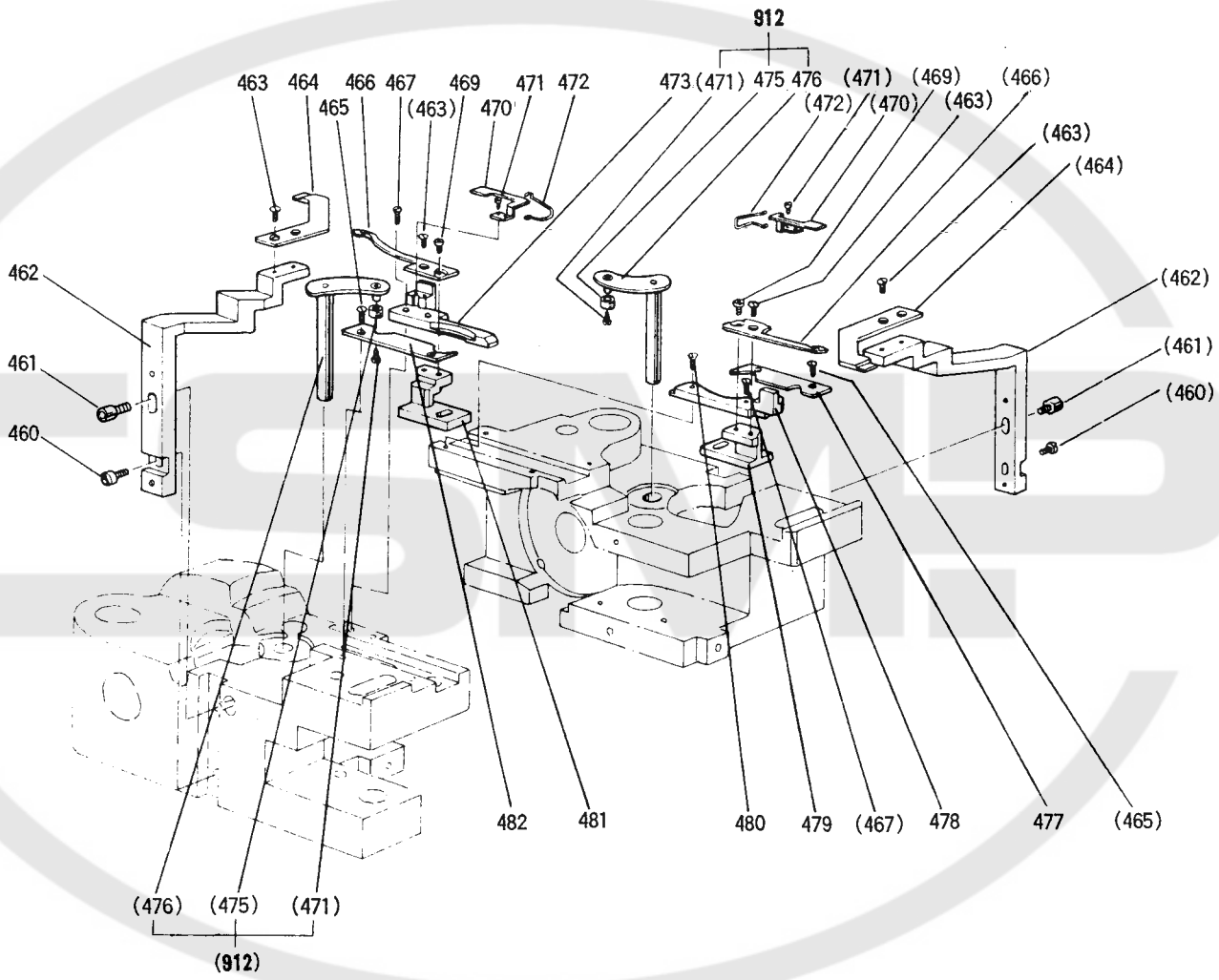

LU2-4410-B1T(-CS)
LU2-4430-B1T



# 10 カマ台機構
# HOOK SADDLE MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 420 | MP 40A0 345 | カマ台右 | Hook saddle (right) | 1 | 1 | | | |
| | MN 60A1 345 | カマ台右 | Hook saddle (right) | | | 1 | 1 | 1 |
| 421 | M9 1509 002 | 平ネジ | 15/64(28)×22 | Screw 15/64(28)×22 | 1 | 2 | 1 | 1 | 2 |
| 422 | MP 00B0 750 | ブッシュ | (組) | Bushing | 1 | 2 | 1 | 1 | 2 |
| 423 | MP 02B0 120 | カマ | (組) | Hook complete | 1 | 2 | | | |
| | MP 43A0 120 | カマ | (組) | Hook complete | | | 1 | 1 | 2 |
| 424 | MN 12B0 123 | ボビン | | Bobbin | 1 | 2 | | | |
| | MN 74A0 123 | ボビン | | Bobbin | | | 1 | 1 | 2 |
| 425 | MF 10E2 148 | ヒモ | φ2.5×15 | Oil wick φ2.5×15 | 2 | 4 | 2 | 2 | 4 |
| 426 | MN 10A0 302 | オープナ支エ軸 | | Opener bracket shaft | 1 | 2 | 1 | 1 | 2 |
| **910** | MN 10E0 301 | オープナ支エ | (組) | Opener bracket complete | 1 | 2 | 1 | 1 | 2 |
| 427 | M9 1254 030 | 特殊ネジ | 3/16(32)×7.8 | Screw 3/16(32)×7.8 | 1 | 2 | 1 | 1 | 2 |
| 428 | MP 40A0 340 | 連接桿 | | Link | 1 | 2 | 1 | 1 | 2 |
| 429 | MN 52A0 301 | オープナ支エ | | Opener bracket | 1 | 2 | 1 | 1 | 2 |
| 430 | M9 0501 053 | バネ座金 | M5 | Spring washer M5 | 1 | 2 | 1 | 1 | 2 |
| 431 | M9 1252 045 | ナット | | Nut | 1 | 2 | 1 | 1 | 2 |
| 432 | M9 0910 003 | 丸平ネジ | 9/64(40)×7 | Screw 9/64(40)×7 | 1 | 2 | 1 | 1 | 2 |
| 433 | M9 0401 050 | 座金 | | Washer | 1 | 2 | 1 | 1 | 2 |
| **434** | MN 52A0 300 | オープナ | | Opener | 1 | 2 | 1 | 1 | 2 |
| 435 | MN 12B0 342 | カマ軸メタル | (上) | Hook shaft bushing (upper) | 1 | 2 | 1 | 1 | 2 |
| 436 | M9 1201 020 | 六角穴付止メネジ | 3/16(28)×14.5 | Screw 3/16(28)×14.5 | 1 | 2 | 1 | 1 | 2 |
| 437 | M9 1001 050 | 座金 | | Washer | 1 | 2 | 1 | 1 | 2 |
| 438 | MN 10A0 343 | カマ軸メタル | (下) | Hook shaft bushing (lower) | 1 | 2 | 1 | 1 | 2 |
| 439 | M9 0607 050 | 座金 | | Washer | 1 | 2 | 1 | 1 | 2 |
| 440 | M9 1652 002 | 平ネジ | 1/4(24)×23 | Screw 1/4(24)×23 | 1 | 1 | 1 | 1 | 1 |
| 441 | M9 1658 002 | 平ネジ | 1/4(24)×30 | Screw 1/4(24)×30 | | 1 | | | 1 |
| **442** | M9 1201 045 | ナット | | Nut | 1 | 2 | 1 | 1 | 2 |
| 443 | M9 1205 030 | 特殊ネジ | 3/16(28)×11.5 | Screw 3/16(28)×11.5 | 1 | 2 | 1 | 1 | 2 |
| 444 | M9 1503 001 | 止メネジ | 15/64(28)×4.5 | Screw 15/64(28)×4.5 | 2 | 4 | 2 | 2 | 4 |
| 445 | MP 40A0 344 | カマ台 | 左 | Hook saddle (left) | | 1 | | | |
| | MN 60A1 344 | カマ台 | 左 | Hook saddle (left) | | | | | 1 |
| **911** | MP 41E0 644 | ネジ歯車 | (組) | Gear complete | 1 | 2 | | | |
| | MP 61E0 642 | ネジ歯車 | (組) | Gear complete | | | 1 | 1 | 2 |
| 446 | M9 1602 001 | 止メネジ | 1/4(40)×4 | Screw 1/4(40)×4 | 3 | 6 | 3 | 3 | 6 |
| 447 | MP 41E0 642 | ネジ歯車 | (大) | Hook driving gear (large) | 1 | 2 | | | |
| | MP 61E0 642 | ネジ歯車 | (大) | Hook driving gear (large) | | | 1 | 1 | 2 |
| 448 | M9 1655 001 | 止メネジ | 1/4(40)×6.5 | Screw 1/4(40)×6.5 | 1 | 2 | 1 | 1 | 2 |
| 449 | MP 00B0 643 | ネジ歯車 | (小) | Hook driving gear (small) | 1 | 2 | 1 | 1 | 2 |
| 450 | M9 1603 001 | トメネジ棒先 | 1/4(40)×5 | Screw 1/4(40)×5 | 1 | 2 | 1 | 1 | 2 |
| 451 | MN 52A2 245 | 円錐バネ | | Spring | | | 1 | 1 | 2 |

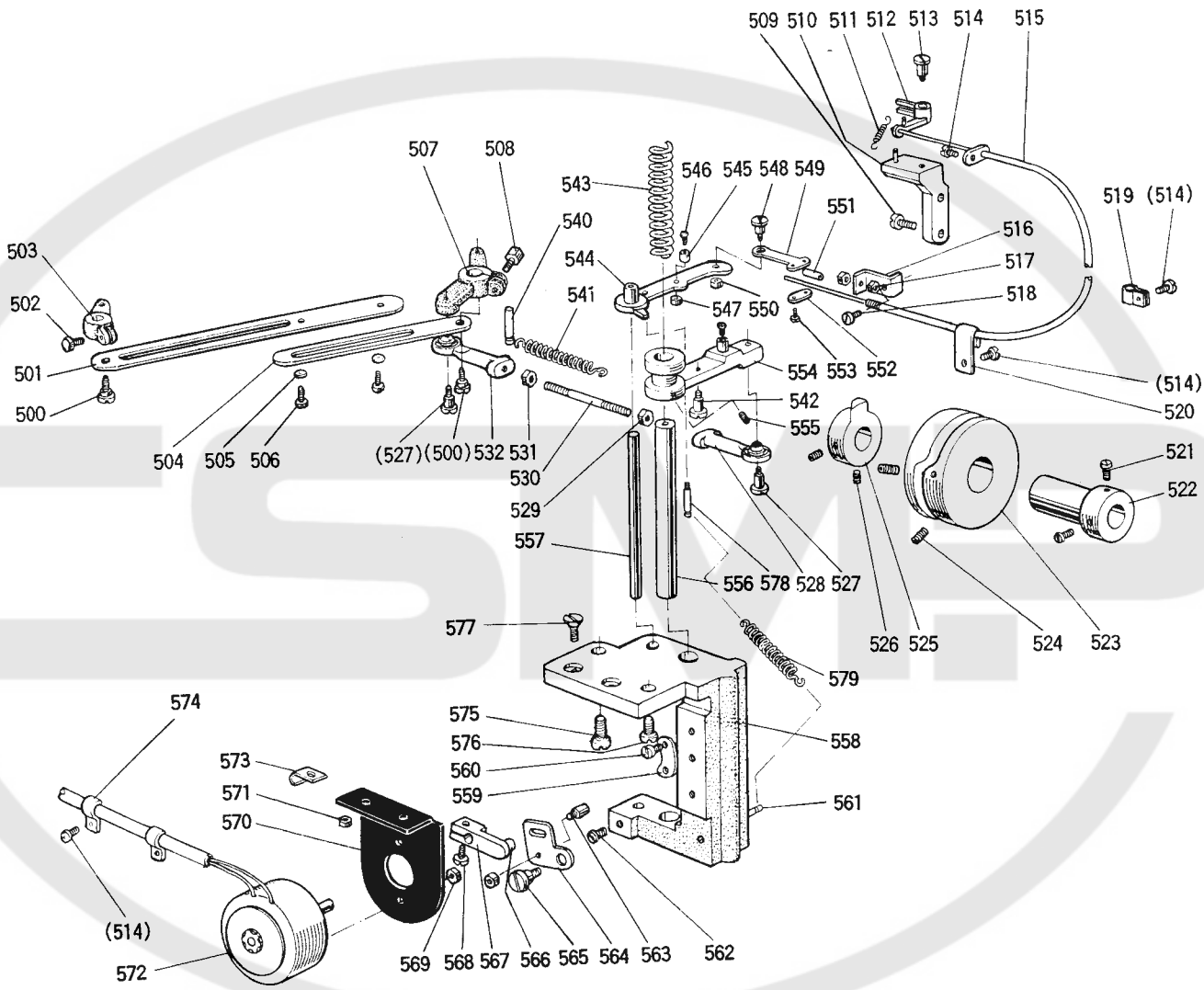
# 11 糸切り機構 (I)
# KNIFE MECHANISM (I)



# 11 糸切り機構 (I)
# KNIFE MECHANISM (I)

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|
| 460 | M9 0911 030 | 特殊ネジ | Screw | 1 | 1 | 2 |
| 461 | M9 1106 022 | 六角穴付ボルト | Bolt $^{11}/_{64}$(40)×12 | 1 | 1 | 2 |
| 462 | MN 50A0 839 | メス取付台 | Trimming knife holder | 1 | 1 | 2 |
| 463 | M9 1102 010 | 皿ネジ | $^{9}/_{64}$(40)×4 | 3 | 3 | 6 |
| 464 | MP 41A0 838 | 固定メス | Fixed blade | 1 | 1 | 2 |
| 465 | M9 0916 011 | 皿ネジ | $^{9}/_{64}$(40)×4 | 2 | 2 | 4 |
| 466 | MP 41B0 838 | 移動メス | Moved knife | 1 | 1 | 2 |
| 467 | M9 0801 010 | 皿ネジ | $^{1}/_{8}$(44)×9.2 | 1 | 1 | 2 |
| 469 | M9 0944 002 | 平ネジ | $^{9}/_{64}$(40)×4.5 | 1 | 1 | 2 |
| 470 | MN 50A0 192 | 板バネ | Spring plate | 1 | 1 | 2 |
| 471 | M9 0605 002 | 平ネジ | $^{3}/_{32}$(56)×3.8 | 3 | 3 | 6 |
| 472 | MN 50A0 507 | センサイクバネ | Reversing spring | 1 | 1 | 2 |
| 473 | MN 60E1 154 | 案内金 | Guide | | | 1 |
| **912** | MN 60A0 950 | レバー組立 | Lever complete | 1 | 1 | 2 |
| 475 | MN 60A0 411 | コロ | Roller | 1 | 1 | 2 |
| 476 | MN 60A1 950 | レバー | Lever | 1 | 1 | 2 |
| 477 | MN 60A2 742 | 蓋 | Cover | 1 | 1 | 1 |
| 478 | MN 60E0 154 | 案内金 | Guide | 1 | 1 | 1 |
| 479 | MN 60A0 837 | メス台 (右) | Knife pad (right) | 1 | 1 | 1 |
| 480 | M9 0906 010 | 皿ネジ | $^{9}/_{64}$(40)×9.5 | 1 | 1 | 1 |
| 481 | MN 60A0 836 | メス台 (左) | Knife pad (left) | | | 1 |
| 482 | MN 60A1 742 | 蓋 | Cover | | | 1 |

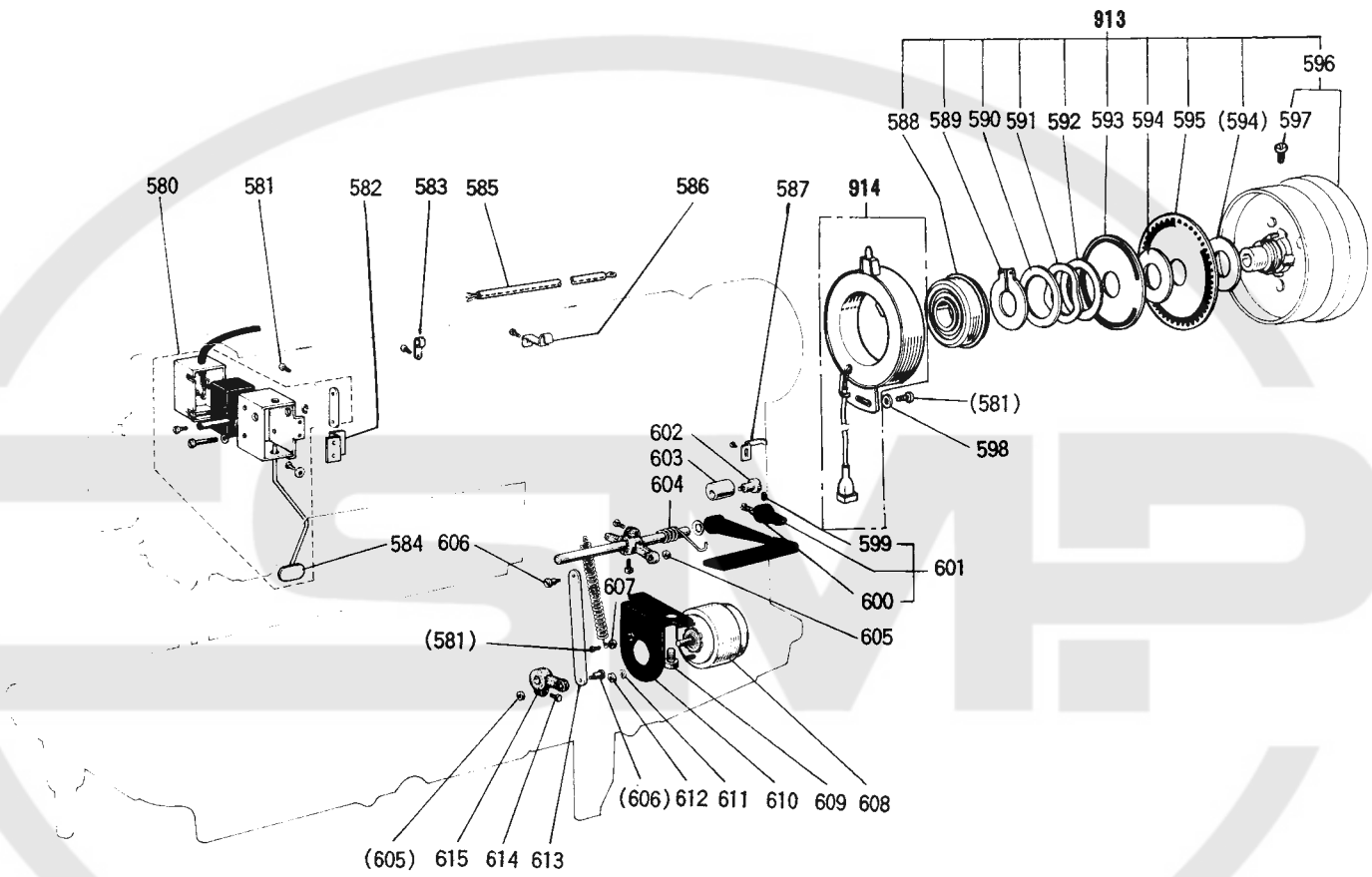
# ⑫ 糸切り機構 (Ⅲ)
# KNIFE MECHANISM (Ⅲ)



# 12 糸切り機構 (II)
# KNIFE MECHANISM (II)

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4410 | 4410-83 | 4430 |
|---|---|---|---|---|---|---|
| 500 | M9 1134 015 | 平ネジ段付 | M5(0.5)×7.5 | Screw M5(0.5)×7.5 | 1 | 1 | 2 |
| 501 | MP 43A0 910 | リンク | | Link | | | 1 |
| 502 | M9 1508 022 | ボルト | 15/64(28)×12.5 | Bolt 15/64(28)×12.5 | | | 1 |
| 503 | MN 60A3 228 | 腕 | | Arm | | | 1 |
| 504 | MN 50A0 910 | リンク | | Link | | | 1 |
| 505 | M9 0550 050 | 座金 | | Washer | | | 2 |
| 506 | M9 1201 022 | ボルト | | Bolt | | | 2 |
| 507 | MN 60A2 228 | 腕 | | Arm | 1 | 1 | 1 |
| 508 | M9 1509 022 | ボルト | 15/64(28)×12.5 | Bolt 15/64(28)×12.5 | 1 | 1 | 1 |
| 509 | M9 1110 002 | 平ネジ | 11/64(40)×8 | Screw 11/64(40)×8 | 2 | 2 | 2 |
| 510 | MN 60A0 172 | 糸ユルメ台 | | Thread releasing bracket | 1 | 1 | 1 |
| 511 | MN 60A6 572 | ツル巻バネ | | Spring | 1 | 1 | 1 |
| 512 | MN 60A0 173 | 糸ユルメ | | Thread releasing plate | 1 | 1 | 1 |
| 513 | M9 1112 015 | 平ネジ段付 | 11/64(40)×5 | Screw 11/64(40)×5 | 1 | 1 | 1 |
| 514 | M9 1106 004 | プラマイネジ | 11/64(40)×8 | Screw 11/64(40)×8 | 4 | 4 | 4 |
| 515 | MN 60E0 746 | フレキシブルワイヤ | (組) | Flexible wire complete | 1 | 1 | 1 |
| 516 | MP 60A1 601 | 取付板 | | Mounting plate | 1 | 1 | 1 |
| 517 | M9 1373 045 | ナット | M5 | Nut M5 | 2 | 2 | 2 |
| 518 | M9 1109 002 | 平ネジ | 11/64(40)×7 | Screw 11/64(40)×7 | 1 | 1 | 1 |
| 519 | MN 60A0 620 | ナイロンクリップ | HP-5N | Nylon clip HP-5N | 1 | 1 | 1 |
| 520 | M9 4003 099 | ナイロンクリップ | HP-3N | Nylon clip HP-3N | 1 | 1 | 1 |
| 521 | M9 1516 002 | 平ネジ | 15/64(28)×8.5 | Screw 15/64(28)×8.5 | 2 | 2 | 2 |
| 522 | MN 50A0 750 | ブッシュ | | Bushing | 1 | 1 | 1 |
| 523 | MN 50A0 350 | カム | | Cam | 1 | 1 | 1 |
| 524 | M9 1602 020 | 六角穴付止メネジ | 1/4(40)×10 | Screw 1/4(40)×10 | 2 | 2 | 2 |
| 525 | MN 72A0 350 | カム | | Cam | 1 | 1 | 1 |
| 526 | M9 1055 020 | 六角穴付止メネジ | M4×4 | Screw M4×4 | 2 | 2 | 2 |
| 527 | M9 1263 015 | 平ネジ段付 | M5×0.5×8.5 | Screw M5×0.5×8.5 | 2 | 2 | 2 |
| 528 | MN 55A0 975 | ロッドエンド | (右) | Ball joint (right) | 1 | 1 | 1 |
| 529 | M9 1377 045 | ナット | (右)(M5) | Nut M5 (right) | 1 | 1 | 1 |
| 530 | M9 5004 023 | 植込ミボルト | | Bolt | 1 | 1 | 1 |
| 531 | M9 1374 045 | ナット | (左)(M5) | Nut M5 (left) | 1 | 1 | 1 |
| 532 | MN 55A0 975 | ロッドエンド | (左) | Ball joint (left) | 1 | 1 | 1 |
| 540 | M9 5003 067 | 溝付ピン | (BX型) φ5×14 | Pin type BX φ5×14 | 1 | 1 | 1 |
| 541 | MN 50A0 572 | ツル巻バネ | | Spring | 1 | 1 | 1 |
| 542 | M9 1111 015 | 平ネジ段付 | 11/64(40)×5.5 | Screw 11/64(40)×5.5 | 1 | 1 | 1 |
| 543 | MN 60A5 572 | ツル巻バネ | | Spring | 1 | 1 | 1 |
| 544 | MN 60E0 950 | 糸ユルメレバー組立 | | Thread releasing lever | 1 | 1 | 1 |
| 545 | MN 50A0 411 | コロ | | Roller | 1 | 1 | 1 |
| 546 | M9 1131 015 | 平ネジ段付 | 11/64(40)×3.6 | Screw 11/64(40)×3.6 | 1 | 1 | 1 |
| 547 | M9 1107 045 | ナット | 11/64(40) | Nut 11/64(40) | 1 | 1 | 1 |
| 548 | M9 1231 015 | 平ネジ段付 | 3/16(28)×5 | Screw 3/16(28)×5 | 1 | 1 | 1 |
| 549 | MN 72A1 601 | 取付板 | | Mounting plate | 1 | 1 | 1 |
| 550 | M9 1201 045 | ナット | 3/16(28) | Nut 3/16(28) | 1 | 1 | 1 |
| 551 | MN 72A1 750 | ブッシュ | | Bushing | 1 | 1 | 1 |
| 552 | MF 36A0 750 | ブッシュ | (後) | Bushing | 1 | 1 | 1 |
| 553 | M9 0802 002 | 平ネジ | 1/8(44)×7 | Screw 1/8(44)×7 | 2 | 2 | 2 |
| 554 | MN 60A0 886 | 揺動腕 | (組) | Vibrating crank | 1 | 1 | 1 |
| 555 | M9 1001 020 | 六角穴付止メネジ | 11/64(40)×5 | Screw 11/64(40)×5 | 2 | 2 | 2 |
| 556 | MN 50A3 454 | 軸 | | Shaft | 1 | 1 | 1 |
| 557 | MN 60A0 454 | 軸 | | Shaft | 1 | 1 | 1 |
| 558 | MN 60A0 603 | 取付台 | | Set plate | 1 | 1 | 1 |
| 559 | MN 50A0 477 | ストッパ | | Stopper | 1 | 1 | 1 |
| 560 | M9 1109 002 | 平ネジ | 11/64(40)×7 | Screw 11/64(40)×7 | 3 | 3 | 3 |
| 561 | M9 5003 067 | 溝付ピン | (BX型) φ5×24 | Pin type BX φ5×24 | 1 | 1 | 1 |
| 562 | M9 1102 002 | 平ネジ | 11/64(40)×8.5 | Screw 11/64(40)×8.5 | 1 | 1 | 1 |
| 563 | M9 1111 033 | ピンネジ | 11/64(40)×6 | Screw 11/64(40)×6 | 1 | 1 | 1 |
| 564 | MN 50A3 950 | レバー | | Lever | 1 | 1 | 1 |
| 565 | M9 1103 016 | 丸平ネジ段付 | 11/64(40)×6.8 | Screw 11/64(40)×6.8 | 1 | 1 | 1 |
| 566 | M9 0615 063 | 段付ピン | | Pin | 1 | 1 | 1 |
| 567 | MN 50A4 228 | 腕 | | Arm | 1 | 1 | 1 |
| 568 | M9 1112 002 | 平ネジ | 11/64(40)×12 | Screw 11/64(40)×12 | 1 | 1 | 1 |
| 569 | M9 1105 045 | ナット | 11/64(40) | Nut 11/64(40) | 1 | 1 | 1 |
| 570 | MN 50A3 601 | 取付板 | | Mounting plate | 1 | 1 | 1 |
| 571 | M9 1373 045 | ナット | M5 | Nut M5 | 2 | 2 | 2 |
| 572 | MP 41E0 519 | ソレノイド組立 | | Solenoid complete | 1 | 1 | 1 |
| 573 | MN 50A0 780 | ホルダ | | Holder | 1 | 1 | 1 |
| 574 | MF 10A0 689 | ホルダ | | Holder | 2 | 2 | 2 |
| 575 | M9 1603 003 | 丸平ネジ | 1/4(24)×16 | Screw 1/4(24)×16 | 1 | 1 | 1 |
| 576 | M9 1602 003 | 丸平ネジ | 1/4(24)×13 | Screw 1/4(24)×13 | 1 | 1 | 1 |
| 577 | M9 5001 037 | P皿ネジ | M5×16 | Screw M5×16 | 2 | 2 | 2 |
| 578 | M9 1111 030 | 特殊ネジ | 11/64(40)×4 | Screw 11/64(40)×4 | 1 | 1 | 1 |
| 579 | MN 50A3 572 | ツル巻バネ | | Spring | 1 | 1 | 1 |

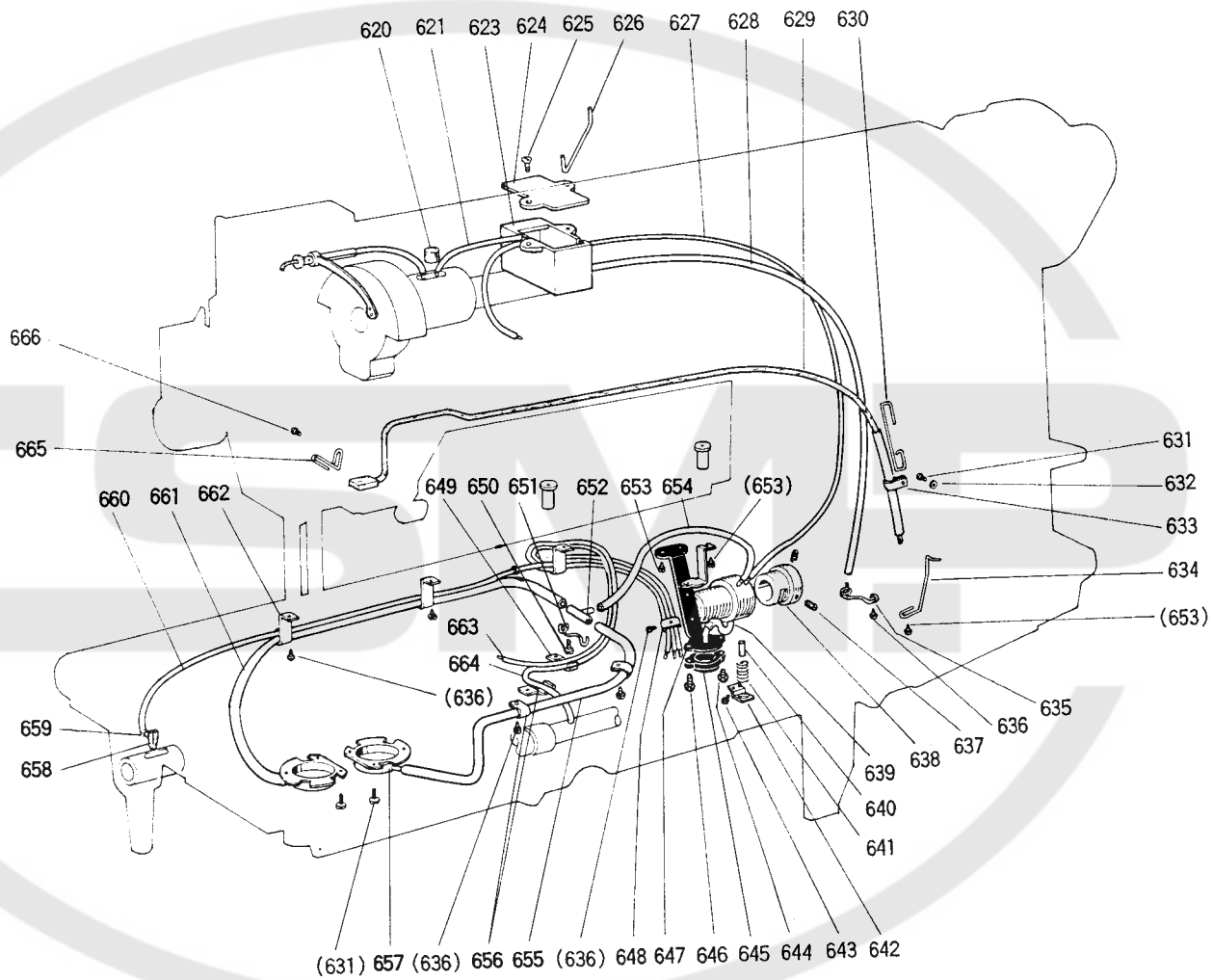
# 13 タッチバック・検出器機構
# TOUCH BACK & DETECTOR MECHANISM



## 13 タッチバック・検出器機構
## TOUCH BACK & DETECTOR MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | | Description | 使用個数 Amt. Req. 4410 | 4410-03 | 4430 |
|---|---|---|---|---|---|---|---|
| 580 | MP 61E0 534 | タッチスイッチ組立 | ····· | Touth switch complete ····· | 1 | 1 | 1 |
| 581 | M9 1106 004 | プラマイネジ | $^{11}/_{64}$(40)×8 ····· | Screw $^{11}/_{64}$(40)×8 ····· | 6 | 6 | 6 |
| 582 | MP 61A0 601 | 取付板 | ····· | Mounting holder ····· | 1 | 1 | 1 |
| 583 | MP 61A0 780 | ホルダ | ····· | Holder ····· | 1 | 1 | 1 |
| 584 | MP 41E0 950 | レバー組立 | ····· | Lever complete ····· | 1 | 1 | 1 |
| 585 | M9 7003 095 | アース線組立 | ····· | Earth wire complete ····· | 1 | 1 | 1 |
| 586 | MN 50A1 780 | ホルダ | ····· | Holder ····· | 1 | 1 | 1 |
| 587 | MQ 60A1 780 | ホルダ | ····· | Holder ····· | 1 | 1 | 1 |
| **913** | MN 72E0 682 | プーリ | (組立)····· | Pulley (complete) ····· | 1 | 1 | 1 |
| 588 | MN 70A0 456 | 軸受 | ····· | Ball bearing ····· | 1 | 1 | 1 |
| 589 | M9 0330 065 | C型止メ輪 | 30····· | Retaining ring C-type 30 ····· | 1 | 1 | 1 |
| 590 | M9 3001 050 | 座金 | ····· | Washer ····· | 1 | 1 | 1 |
| 591 | MF 01A0 259 | 反射板押エスプリング | ····· | Supporter spring ····· | 1 | 1 | 1 |
| 592 | MF 01A0 476 | スペーサ | B ····· | Spacer B ····· | 1 | 1 | 1 |
| 593 | MN 72A1 694 | 反射板 F20 | (上)····· | Speed command disk F20 (up)····· | 1 | 1 | 1 |
| 594 | MF 01A0 476 | スペーサ | A····· | Spacer A ····· | 2 | 2 | 2 |
| 595 | MN 82A0 694 | 反射板 F11 | (下)····· | Speed command disk F11 (down)····· | 1 | 1 | 1 |
| 596 | MN 72E1 682 | プーリ | (組)····· | Pulley (complete) ····· | 1 | 1 | 1 |
| 597 | M9 1520 002 | 平ネジ | $^{15}/_{64}$(28)×12····· | Screw $^{15}/_{64}$(28)×12 ····· | 2 | 2 | 2 |
| 598 | M9 3002 050 | 座金 | ····· | Washer ····· | 1 | 1 | 1 |
| **914** | MN 82E0 406 | 検出器 | (組立)····· | Detector bracket (complete)····· | 1 | 1 | 1 |
| 599 | M9 1506 001 | 止メネジ | $^{15}/_{64}$(28)×7 ····· | Screw $^{15}/_{64}$(28)×7 ····· | 1 | 1 | 1 |
| 600 | M9 1519 002 | 平ネジ | $^{15}/_{64}$(28)×7.5 ····· | Screw $^{15}/_{64}$(28)×7.5 ····· | 1 | 1 | 1 |
| 601 | MN 72A1 950 | レバー | (組)····· | Lever (complete) ····· | 1 | 1 | 1 |
| 602 | M9 1516 015 | 平ネジ段付 | $^{15}/_{64}$(28)×6 ····· | Screw $^{15}/_{64}$(28)×6 ····· | 1 | 1 | 1 |
| 603 | MN 50A0 417 | ゴム輪 | φ16····· | Rubber ring φ16 ····· | 1 | 1 | 1 |
| 604 | MN 50A0 729 | ヒネリバネ | ····· | Spring ····· | 1 | 1 | 1 |
| 605 | M9 1502 045 | ナット | $^{15}/_{64}$(28)····· | Nut $^{15}/_{64}$(28) ····· | 2 | 2 | 2 |
| 606 | M9 1517 015 | 平ネジ段付 | $^{15}/_{64}$(28)×14····· | Screw $^{15}/_{64}$(28)×14 ····· | 2 | 2 | 2 |
| 607 | M9 1105 045 | ナット | $^{11}/_{64}$(40)····· | Nut $^{11}/_{64}$(40) ····· | 1 | 1 | 1 |
| 608 | M9 1015 095 | ソレノイド | (組立)····· | Solenoid (complete) ····· | 1 | 1 | 1 |
| 609 | M9 8005 022 | ボルト | M8×12 ····· | Bolt M8×12 ····· | 1 | 1 | 1 |
| 610 | MP 61A1 601 | 取付板 | ····· | Set plate ····· | 1 | 1 | 1 |
| 611 | M9 0601 053 | バネ座金 | 6····· | Spring washer 6 ····· | 2 | 2 | 2 |
| 612 | M9 1574 045 | ナット | M6 ····· | Nut M6 ····· | 2 | 2 | 2 |
| 613 | MN 50A2 910 | リンク | ····· | Link ····· | 1 | 1 | 1 |
| 614 | M9 1502 022 | ボルト | $^{15}/_{64}$(28)×13····· | Bolt $^{15}/_{64}$(28)×13 ····· | 1 | 1 | 1 |
| 615 | MN 50A5 228 | 腕 | ····· | Arm ····· | 1 | 1 | 1 |

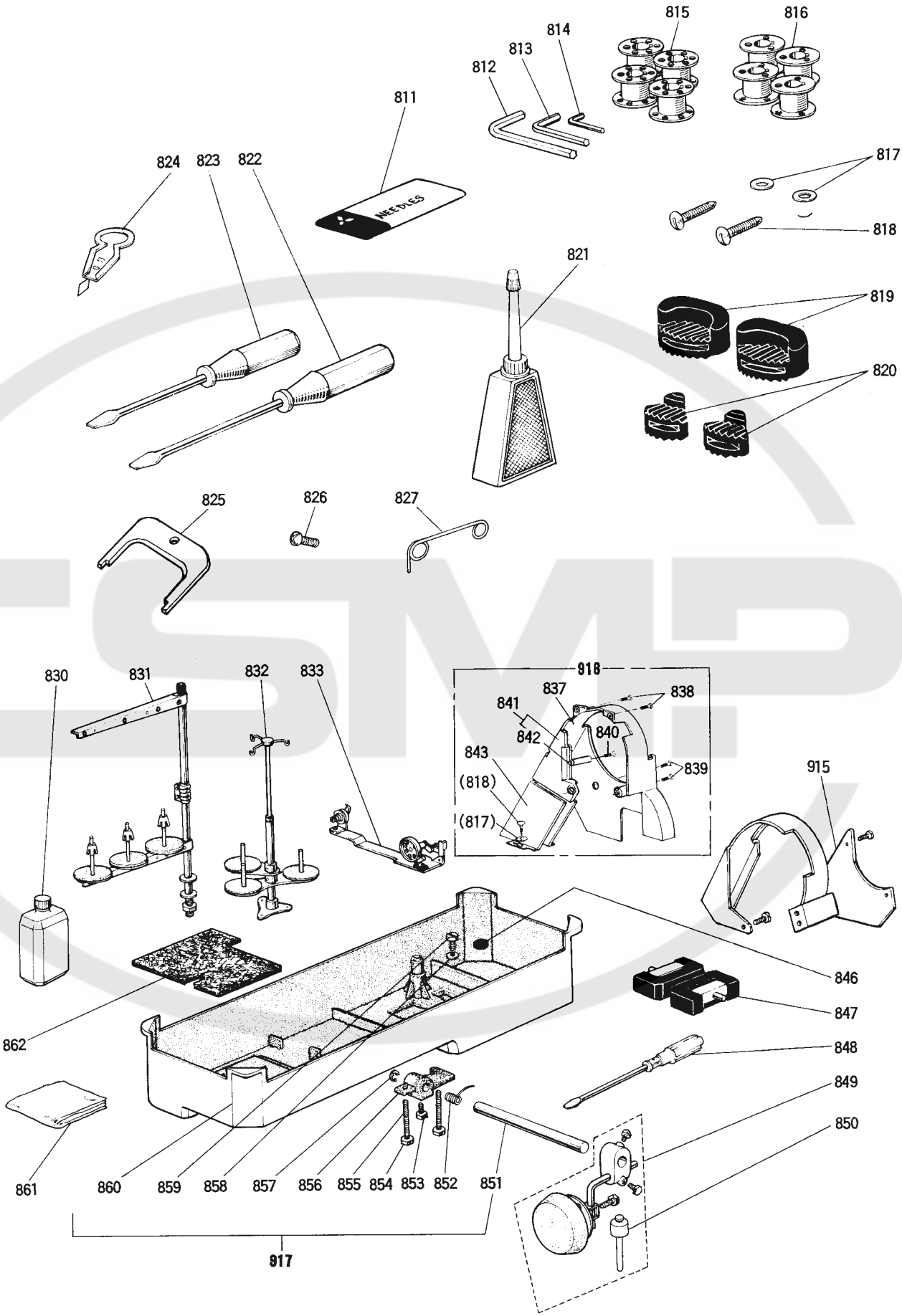
# 14 給油機構
# OIL LUBRICATION MECHANISM



# 14 給油機構
# OIL LUBRICATION MECHANISM

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 620 | MP 40A3 740 | フェルト …… | Felt …… | 1 | 1 | 1 | 1 | 1 |
| 621 | MP 40E2 688 | パイプヒモ (組)…… | Oil pipe complete …… | 1 | 1 | 1 | 1 | 1 |
| 623 | MN 40E0 138 | オイルタンク (組)…… | Oil reservoir complete …… | 1 | 1 | 1 | 1 | 1 |
| 624 | MN 70A0 691 | ガスケット …… | Gasket…… | 1 | 1 | 1 | 1 | 1 |
| 625 | M9 1402 010 | P黄銅皿ネジ M4×16 …… | Screw M4×16…… | 2 | 2 | 2 | 2 | 2 |
| 626 | MN 70A0 780 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 627 | MP 40A0 688 | パイプ 3D×1×400…… | Oil pipe 3D×1×400 …… | 1 | 1 | 1 | 1 | 1 |
| 628 | MP 40A1 688 | パイプ 5D×1×400…… | Oil pipe 5D×1×400 …… | 1 | 1 | 1 | 1 | 1 |
| 629 | MP 40E1 688 | パイプ・フェルト (組)…… | Pipe felt complete…… | 1 | 1 | 1 | 1 | 1 |
| 630 | MF 36A0 680 | 針金 …… | Wire …… | 1 | 1 | 1 | 1 | 1 |
| 631 | M9 0903 002 | 平ネジ $^{9}/_{64}$(40)×6.5 …… | Screw $^{9}/_{64}$(40)×6.5 …… | 4 | 7 | 4 | 4 | 7 |
| 632 | M9 0304 053 | バネ座金 3.5 …… | Spring washer 3.5…… | 1 | 1 | 1 | 1 | 1 |
| 633 | MF 10A0 689 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 634 | MP 60A1 689 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 635 | MP 40A1 689 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 636 | M9 0906 002 | 平ネジ $^{9}/_{64}$(40)×4.5 …… | Screw $^{9}/_{64}$(40)×4.5 …… | 8 | 8 | 8 | 8 | 8 |
| 637 | M9 1111 001 | 止メネジ …… | Screw…… | 2 | 2 | 2 | 2 | 2 |
| 638 | MN 40A0 750 | ブッシュ …… | Bushing …… | 1 | 1 | 1 | 1 | 1 |
| 639 | MP 40A2 688 | パイプ 3D×1×90 …… | Oil pipe 3D×1×90 …… | 1 | 1 | 1 | 1 | 1 |
| 640 | M9 5007 063 | 特殊ピン …… | Pin …… | 1 | 1 | 1 | 1 | 1 |
| 641 | MN 40A1 572 | ツル巻バネ …… | Spring …… | 1 | 1 | 1 | 1 | 1 |
| 642 | MN 40A0 705 | バネ押エ …… | Spring holder…… | 1 | 1 | 1 | 1 | 1 |
| 643 | M9 0805 002 | 平ネジ $^{1}/_{8}$(44)×4.5 …… | Screw $^{1}/_{8}$(44)×4.5…… | 1 | 1 | 1 | 1 | 1 |
| 644 | M9 0944 003 | 丸平ネジ $^{9}/_{64}$(40)×5 …… | Screw $^{9}/_{64}$(40)×5 …… | 1 | 1 | 1 | 1 | 1 |
| 645 | MN 40E0 337 | フィルター …… | Filter …… | 1 | 1 | 1 | 1 | 1 |
| 646 | M9 0905 003 | 丸平ネジ $^{9}/_{64}$(40)×7 …… | Screw $^{9}/_{64}$(40)×7 …… | 1 | 1 | 1 | 1 | 1 |
| 647 | MP 60E0 601 | 取付板 (組)…… | Mounting plate complete…… | 1 | 1 | 1 | 1 | 1 |
| 648 | MP 40A4 689 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 649 | MQ 60A2 780 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 650 | M9 0920 002 | 平ネジ $^{9}/_{64}$(40)×6.5 …… | Screw $^{9}/_{64}$(40)×6.5 …… | | 1 | | | 1 |
| 651 | MN 70A6 780 | ホルダ …… | Holder …… | | 1 | | | 1 |
| 652 | MP 40A0 571 | 油ツギテ …… | Oil pipe joint …… | | 1 | | | 1 |
| 653 | M9 1109 004 | 座金付プラマイネジ $^{11}/_{64}$(40)×9 …… | Screw $^{11}/_{64}$(40)×9 …… | 4 | 4 | 4 | 4 | 4 |
| 654 | MP 60A0 688 | パイプ 3D×1×370…… | Oil pipe 3D×1×370 …… | 1 | | 1 | 1 | |
| | MP 40A2 688 | パイプ 3D×1×90 …… | Oil pipe 3D×1×90…… | | 1 | | | 1 |
| 655 | MP 40A3 688 | パイプ 3D×1×300…… | Oil pipe 3D×1×300 …… | | 1 | | | 1 |
| 656 | MF 10A0 689 | ホルダ …… | Holder …… | 3 | 3 | 3 | 3 | 3 |
| 657 | MN 50E0 742 | フタ (組)…… | Oil reservoir complete …… | 1 | 2 | 1 | 1 | 2 |
| 658 | MF 10E2 148 | ヒモ φ2.5×65…… | Oil wick φ2.5×65…… | 2 | 3 | 2 | 2 | 3 |
| 659 | MF 10E2 148 | ヒモ φ2.5×545…… | Oil wick φ2.5×545 …… | 1 | 1 | 1 | 1 | 1 |
| 660 | MP 40A5 688 | パイプ 3D×0.5×410…… | Oil pipe 3D×0.5×410 …… | 1 | 1 | 1 | 1 | 1 |
| 661 | MP 40A4 688 | パイプ 3D×1×445…… | Oil pipe 3D×1×445 …… | | 1 | | | 1 |
| 662 | MP 40A3 689 | ホルダ …… | Holder …… | 3 | 3 | 2 | 2 | 2 |
| 663 | MP 40E3 688 | パイプヒモ組立 …… | Oil wick …… | 1 | 1 | 1 | 1 | 1 |
| 664 | MP 40E4 688 | パイプヒモ組立 …… | Oil wick …… | 1 | 1 | 1 | 1 | 1 |
| 665 | MP 60A0 689 | ホルダ …… | Holder …… | 1 | 1 | 1 | 1 | 1 |
| 666 | M9 1109 002 | 平ネジ $^{11}/_{64}$(40)×7 …… | Screw $^{11}/_{64}$(40)×7 …… | 1 | 1 | 1 | 1 | 1 |

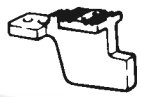
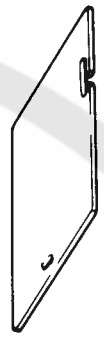
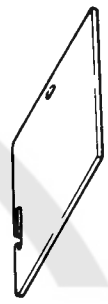
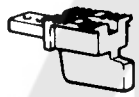
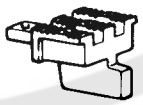
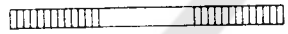
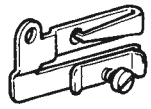
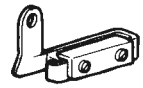
# 15 付属品
# ACCESSORIES



# 15 付属品
# ACCESSORIES

| Fig. No. | 部品コード Parts No. | 部品名 | Description | 使用個数 Amt. Req. 4400 | 4420 | 4410 | 4410-CS | 4430 |
|---|---|---|---|---|---|---|---|---|
| 811 | MP 20B0 128 | ミシン針 | DP×17-23 | Needle DP×17-23 | 3 | 6 | 3 | 3 | 6 |
| 812 | MS 02A2 976 | 六角棒スパナ | 3 | Socket wrench 3 | | | 1 | 1 | 1 |
| 813 | MS 02A1 976 | 六角棒スパナ | 2.5 | Socket wrench 2.5 | 1 | 1 | 1 | 1 | 1 |
| 814 | MS 02A0 976 | 六角棒スパナ | 2 | Scoket wrench 2 | | | 1 | 1 | 1 |
| 815 | MN 12B0 123 | ボビン | | Bobbin | 4 | 4 | | | |
| 816 | MN 74A0 123 | ボビン | | Bobbin | | | 4 | 4 | 4 |
| 817 | M9 0550 050 | ミガキ座金 | 5 | Washer 5 | 2 | 2 | 2 | 2 | 2 |
| 818 | M9 0401 041 | 丸木ネジ | 4.5×20 | Screw 4.5×20 | 2 | 2 | 4 | 4 | 4 |
| 819 | MN 70A0 419 | 防振ゴム | | Vibration preventing rubber | 2 | 2 | 2 | 2 | 2 |
| 820 | MN 70A1 419 | 防振ゴム | | Vibration preventing rubber | 2 | 2 | 2 | 2 | 2 |
| 821 | MF 60A0 137 | 油差シ | | Oiler | 1 | 1 | 1 | 1 | 1 |
| 822 | MB 02A0 608 | ネジ回シ | (中) | Screw driver (middle) | 1 | 1 | 1 | 1 | 1 |
| 823 | MB 02A1 608 | ネジ回シ | (小) | Screw driver (small) | 1 | 1 | 1 | 1 | 1 |
| 824 | MN 10A0 172 | 糸通シ器 | (組) | Thread a needle kit | 1 | 1 | 1 | 1 | 1 |
| 825 | MF 01A0 565 | 反射板調整具 | | Adjusting plate for speed command disk | | | 1 | 1 | 1 |
| 826 | M9 0301 037 | Pナベネジ | M3×6 | Screw M3×6 | | | 1 | 1 | 1 |
| 827 | MN 82A0 180 | 糸案内 | | Thread guide | | | 1 | 1 | 1 |
| 830 | MN 70E0 149 | 油缶 | | Oil can | 1 | 1 | 1 | 1 | 1 |
| 831 | MF 40E0 193 | 糸立装置2本立 | (組) | Cotton stand | 1 | | 1 | 1 | |
| | MN 50E0 193 | 糸立装置3本立 | (組) | Cotton stand | | 1 | | | 1 |
| 832 | MP 60E0 193 | 糸立装置2本立 | (組)(輸出のみ) | Cotton stand (Export only) | 1 | | | | |
| | MN 10E0 193 | 糸立装置3本立 | (組)(輸出のみ) | Cotton stand (Export only) | | 1 | | | |
| 833 | MN 69E0 190 | 糸巻仕掛ケ | (組) | Bobbin winder | 1 | 1 | 1 | 1 | 1 |
| **915** | MP 60E0 776 | ベルトカバー | (組)(国内のみ) | Belt cover complete (Domestic only) | 1 | 1 | | | |
| **916** | MN 72E1 776 | ベルトカバー | (組)(国内のみ) | Belt cover complete (Domestic only) | | | 1 | 1 | 1 |
| 837 | MF 01A0 776 | ベルトカバー1 | | Belt cover 1 | | | 1 | 1 | 1 |
| 838 | M9 1109 004 | PW付プラマイネジ | $^{11}/_{64}$(40)×8 | Screw $^{11}/_{64}$(40)×8 | | | 2 | 2 | 2 |
| 839 | M9 1506 004 | プラマイネジ | $^{15}/_{64}$(28)×8 | Screw $^{15}/_{64}$(28)×8 | | | 2 | 2 | 2 |
| 840 | M9 0410 037 | Pナベネジ | M4×8 | Screw M4×8 | | | 1 | 1 | 1 |
| 841 | MF 01E1 776 | ベルトカバー2 | (組) | Belt cover 2 (complete) | | 1 | 1 | 1 | 1 |
| 842 | M9 1003 045 | ナット | M4 | Nut M4 | | | | 1 | 1 |
| 843 | MN 72A0 776 | ベルトカバー3 | | Belt cover 3 | | | 1 | 1 | 1 |
| 846 | M9 0701 099 | OP-S磁石 | | Magnet block for reservoir | 1 | 1 | 1 | 1 | 1 |
| 847 | MF 01E0 418 | 蝶番 | (組) | Hinge complete | 2 | 2 | 2 | 2 | 2 |
| 848 | MF 00A0 608 | ネジ回シ | (大) | Screw driver (large) | 1 | 1 | 1 | 1 | 1 |
| 849 | MN 40E0 727 | 小物部品 | (組) | Small parts | 1 | 1 | 1 | 1 | 1 |
| 850 | MN 40A0 578 | 膝上ゲピン | | Knee lifter pin | 1 | 1 | 1 | 1 | 1 |
| **917** | MN 70E0 139 | 油槽 | (組) | Oil reservoir complete | 1 | 1 | 1 | 1 | 1 |
| 851 | MF 20A1 723 | 膝上ゲ軸 | | Knee lifter shaft | 1 | 1 | 1 | 1 | 1 |
| 852 | MF 20A1 729 | ヒネリバネ | | Spring | 1 | 1 | 1 | 1 | 1 |
| 853 | M9 2001 031 | 特殊ボルト | | Bolt | 1 | 1 | 1 | 1 | 1 |
| 854 | M9 1501 045 | ナット | | Nut | 2 | 2 | 2 | 2 | 2 |
| 855 | M9 1520 001 | 止メネジ | | Screw | 2 | 2 | 2 | 2 | 2 |
| 856 | MN 70A0 724 | 膝上ゲ腕 | | Knee lifter crank | 1 | 1 | 1 | 1 | 1 |
| 857 | M9 0515 065 | E型止メ輪 | 9 | E-type stop ring 9 | 1 | 1 | 1 | 1 | 1 |
| 858 | M9 7001 052 | 特殊座金 | | Washer | 1 | 1 | 1 | 1 | 1 |
| 859 | M9 2002 002 | 平ネジ | | Screw | 1 | 1 | 1 | 1 | 1 |
| 860 | MP 40A0 139 | 油槽 | | Oil reservoir | 1 | 1 | 1 | 1 | 1 |
| 861 | MF 60A0 734 | ビニールカバー | | Vinyl cover | 1 | 1 | 1 | 1 | 1 |
| 862 | MN 40A4 740 | フェルト | | Felt | 1 | 1 | 1 | 1 | 1 |

# 16 ゲージ部品表
# GAUGE PARTS LIST

| 針板<br>Needle Plate | 内押エ<br>Presser Foot<br>(Inside) | 外押エ<br>Presser Foot<br>(Outside) | 針ダキ<br>Needle Clamp | 送り<br>Feed Dog | スベリ板(左)<br>Slide Plate(L) | スベリ板(右)<br>Slide Plate(R) |
|---|---|---|---|---|---|---|
| <br>1/8～5/16 | <br>1/8～5/16 | <br>1/8～5/16 | <br>1/8～5/16 |  <br>1/8～5/16 |  |  |
| <br>3/8～5/8 | <br>3/8～5/8 | <br>3/8～5/8 | <br>3/8～5/8 |  <br>3/8～5/8 | | |
| <br>3/4～1 | <br>3/4～1 | <br>3/4～1 | <br>3/4～1 |  <br>3/4～1 | Fig. 530 植込ミボルト<br>Connecting bolt<br>  <br>1/8～5/8 M95003023<br>3/4～1 M95006023<br>Fig. 900 糸案内(組)<br>Thread guide (complete)<br>  <br>1/8～3/8 MP62E0180 |  <br>1/2～1 MN62E0180 |

# ⑯ ゲージ部品表
# GAUGE PARTS LIST

部品コード　Parts No.

| 針巾寸法<br>Gauge Size | 針板<br>Needle Plate | 内押エ<br>Presser Foot<br>(Inside) | 外押エ<br>Presser Foot<br>(Outside) | 針ダキ<br>Needle Clamp | 送り<br>Feed Dog | スベリ板(左)<br>Slide Plate(L) | スベリ板(右)<br>Slide Plate(R) |
|---|---|---|---|---|---|---|---|
| Type LU2-4420-B 0 B | | | | | | | |
| 1/8( 3.2m/m) | MP42J4101 | MP20J4107 | MP20J4106 | MP20J4102 | MP20J4104 | MN10A0473 | MN10A0474 |
| 5/32( 4 m/m) | MP42J5101 | MP20J5107 | MP20J5106 | MP20J5102 | MP20J5104 | 〃 | 〃 |
| 3/16( 4.8m/m) | MP42J6101 | MP43J6107 | MP42J6106 | MP43J6102 | MP42J6104 | 〃 | 〃 |
| 1/4( 6.4m/m) | MP42J8101 | MP20J8107 | MP20J8106 | MP20J8102 | MP20J8104 | 〃 | 〃 |
| 5/16( 8 m/m) | MP42J9101 | MP20J9107 | MP20J9106 | MP20J9102 | MP20J9104 | MP20B1473 | 〃 |
| 3/8( 9.5m/m) | MP42K1101 | MP20K1107 | MP20K1106 | MP20K1102 | MP20K1104 | 〃 | 〃 |
| 1/2(12.7m/m) | MP42K3101 | MP20K3107 | MP20K3106 | MP20K3102 | MP20K3104 | MP00B0473 | 〃 |
| 5/8(16 m/m) | MP42K4101 | MP20K4107 | MP20K4106 | MP20K4102 | MP20K4104 | 〃 | 〃 |
| 3/4(19 m/m) | MP42K5101 | MP20K5107 | MP20K5106 | MP20K5102 | MP20K5104 | MN10A1473 | MP20B2474 |
| 1 (25.4m/m) | MP42K6101 | MP20K6107 | MP20K6106 | MP20K6102 | MP20K6104 | MP20B3473 | 〃 |
| Type LU2-4430-B 1 T | | | | | | | |
| 1/8( 3.2m/m) | MP43J4101 | MP20J4107 | MP43J4106 | MP20J4102 | MP43J4104 | MN50A0473 | MN72A1474 |
| 5/32( 4 m/m) | MP43J5101 | MP20J5107 | MP43J5106 | MP20J5102 | MP43J5104 | 〃 | 〃 |
| 3/16( 4.8m/m) | MP43J6101 | MP43J6107 | MP43J6106 | MP43J6102 | MP43J6104 | 〃 | 〃 |
| 1/4( 6.4m/m) | MP43J8101 | MP20J8107 | MP43J8106 | MP20J8102 | MP43J8104 | 〃 | 〃 |
| 5/16( 8 m/m) | MP43J9101 | MP20J9107 | MP43J9106 | MP20J9102 | MP43J9104 | MN50A1473 | 〃 |
| 3/8( 9.5m/m) | MP43K1101 | MP20K1107 | MP43K1106 | MP20K1102 | MP43K1104 | 〃 | 〃 |
| 1/2(12.7m/m) | MP43K3101 | MP20K3107 | MP43K3106 | MP20K3102 | MP43K3104 | MN50A2473 | 〃 |
| 5/8(16 m/m) | MP43K4101 | MP20K4107 | MP43K4106 | MP20K4102 | MP43K4104 | 〃 | 〃 |
| 3/4(19 m/m) | MP43K5101 | MP20K5107 | MP43K5106 | MP20K5102 | MP43K5104 | MN50A3473 | MN72A2474 |
| 1 (25.4m/m) | MP43K6101 | MP20K6107 | MP43K6106 | MP20K6102 | MP43K6102 | MN50A4473 | 〃 |
| Type LU2-4400-B 0 B | | | | | | | |
| | MP40B0101 | MP60A0107 | MP00B0106 | | MP40B0104 | MP00B0473 | MP00B0474 |
| Type LU2-4410-B 1 T(-CS) | | | | | | | |
| | MP41B0101 | MP60A0107 | MP00B0106 | | MP41B0104 | MP00B0473 | MP41A0474 |