

# ***PARTS LIST***

## **PS-810-13085 PARTS LIST**

下記 URL より、便利な検索機能のついた Web Parts List をご利用頂けます。

ご利用には会員登録が必要です。(無料)

<https://www.juki.co.jp/partslist/>

You can use a Web Parts List with a convenient search function from the URL below. To use this website, free membership registration is required.

<https://www.juki.co.jp/partslist/>



## HOW TO MAKE USE OF THIS PARTS LIST

- 1.As to “#01” and “#02” refer to the “Note” given at the bottom of the respective pages.
- 2.Codes on the “Qty” column
  - Each numeral indicates the number of parts required.
  - “0.1” and “2.5” indicate the length (in meters) of the respective parts.
- 3.Parentheses mean that the corresponding part is a subpart that constructs an assembly part.
- 4.Dotted lines on the Figures indicate assembly parts.
- 5.As to the parts with marks of “☆”(Consumable parts)and “◎”(optional parts)on the respective parts, it is recommended to prepare spares.

### パーツリストご利用に際して

1. リストページの #01、#02 の印は、ページ下の “注記” の説明を参照下さい。
2. 数量欄の数字は、個数を表し、0.1、2.5 等の数値は、長さ（単位メートル）を表します。
3. 数量欄の（ ）は、組部品を構成している子部品であることを意味します。
4. イラストページの-----枠は、組構成であることを意味します。
5. リストページの “☆”（消耗部品）、“◎”（オプション部品）の印がついた部品は、予備を準備しておくことをお奨めします。

# CONTENTS

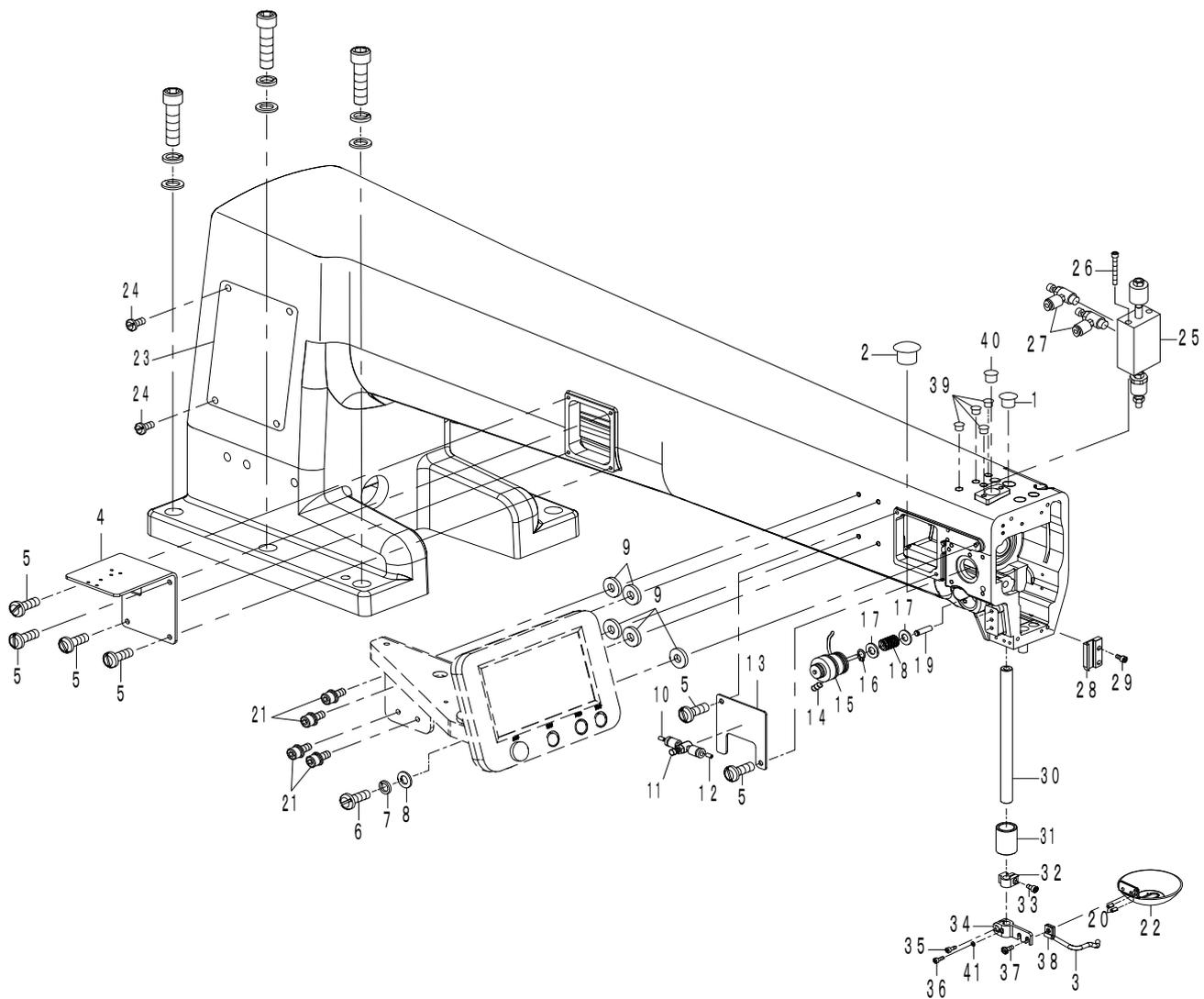
## 目次

|  |    |
|--|----|
| 1. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1) .....              | 1  |
| 頭部・外装関係（1）   |    |
| 2. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2) .....              | 3  |
| 頭部・外装関係（2）   |    |
| 3. DISPLAY UNIT .....  | 5  |
| パネル部品関係  |    |
| 4. UPPER SHAFT AND PICK LINE COMPONENTS .....                            | 7  |
| 上軸・天秤部品関係  |    |
| 5. NEEDLE BAR AND LOWER SHAFT PARTS COMPONENTS .....                     | 9  |
| 針棒・下軸部品関係  |    |
| 6. ROTARY SHUTTLE TRANSMISSION AND THREAD CUTTING PARTS COMPONENTS ..... | 11 |
| 釜伝動・糸切部品関係   |    |
| 7. OIL SUPPLY AND NEEDLE PLATE PARTS OF ROTARY COMPONENTS .....          | 13 |
| 釜給油・針板部品関係   |    |
| 8. WIRE CUT ELECTROMAGNETIC COMPONENTS .....                             | 15 |
| 糸切ソレノイド部品関係  |    |
| 9. THE BASE MEMBER COMPONENTS .....                                      | 17 |
| ベース部品関係  |    |
| 10. Y RIGHT LINEAR MODULE UNIT COMPONENTS .....                          | 19 |
| Y 軸右リニアモジュール部品関係   |    |
| 11. Y LEFT LINEAR MODULE UNIT COMPONENTS .....                           | 21 |
| Y 軸左リニアモジュール部品関係   |    |
| 12. X TO SHELL COMPONENTS .....  | 23 |
| X 軸外装部品関係  |    |
| 13. PACK UNIT COMPONENTS .....   | 25 |
| 筐体部品関係   |    |
| 14. FRAME CONNECTION ALUMINUM PARTS COMPONENTS .....                     | 27 |
| 筐体連結アルミフレーム部品関係  |    |
| 15. PLATEN PARTS COMPONENTS .....  | 29 |
| テーブル部品関係   |    |
| 16. ELECTRICAL COMPONENTS .....  | 31 |
| 電気部品関係   |    |
| 17. ELECTRONIC PRESSER FOOT COMPONENTS .....                             | 33 |
| 電子押え部品関係   |    |
| 18. WIPER CYLINDER COMPONENTS .....                                      | 35 |
| ワイパーシリンダー部品関係  |    |
| 19. NEEDLE PLATE COMPONENTS (SPECIAL ORDER PARTS) .....                  | 37 |
| 針板関係（特別注文部品）   |    |
| 20. PRESSER FOOT COMPONENTS (SPECIAL ORDER PARTS) .....                  | 39 |
| 押え関係（特別注文部品）   |    |

|  |    |
|--|----|
| 21. ACCESSORY BOX PART COMPONENTS (SPECIAL ORDER PARTS) .....  | 41 |
| 付属品箱部品関係 (特別注文部品)  |    |
| 22. THE THIRD THREAD TENSION REGULATOR (OPTIONAL PARTS) .....  | 43 |
| 第3糸調子器 (オプション部品)   |    |
| 23. SUCTION DEVICE .....                                       | 45 |
| 吸引装置   |    |
| 24. LASER TUBE COMPONENTS (SUBCLASS).....                      | 47 |
| レーザー管部品関係 (サブクラス)  |    |
| 25. LASER AIR SUCTION COMPONENTS (SUBCLASS).....               | 49 |
| レーザー吸い風部品関係 (サブクラス)  |    |
| 26. LASER ELECTRONIC CONTROL PARTS COMPONENTS (SUBCLASS) ..... | 51 |
| レーザー電装部品関係 (サブクラス)   |    |
| 27. ROTARY CUTTER MEMBER COMPONENTS (SUBCLASS).....            | 53 |
| 回転固定メス部品関係 (サブクラス)   |    |
| 28. ROTARY KNIFE COMPONENTS (SUBCLASS) .....                   | 55 |
| 回転動メス部品関係 (サブクラス)  |    |
| 29. BARCODE READER (SUBCLASS).....                             | 57 |
| バーコードリーダー (サブクラス)  |    |
| 30. ACTIVE TENSION COMPONENTS.....                             | 59 |
| アクティブテンション関係   |    |
| 31. THICK MATERIAL COMPONENTS.....                             | 61 |
| 厚物キット関係  |    |
| 32. OPTIONAL PARTS COMPONENTS .....                            | 63 |
| オプション関係  |    |
| NUMERICAL INDEX OF PARTS.....                                  | 65 |
| 索引   |    |

# 1. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1)

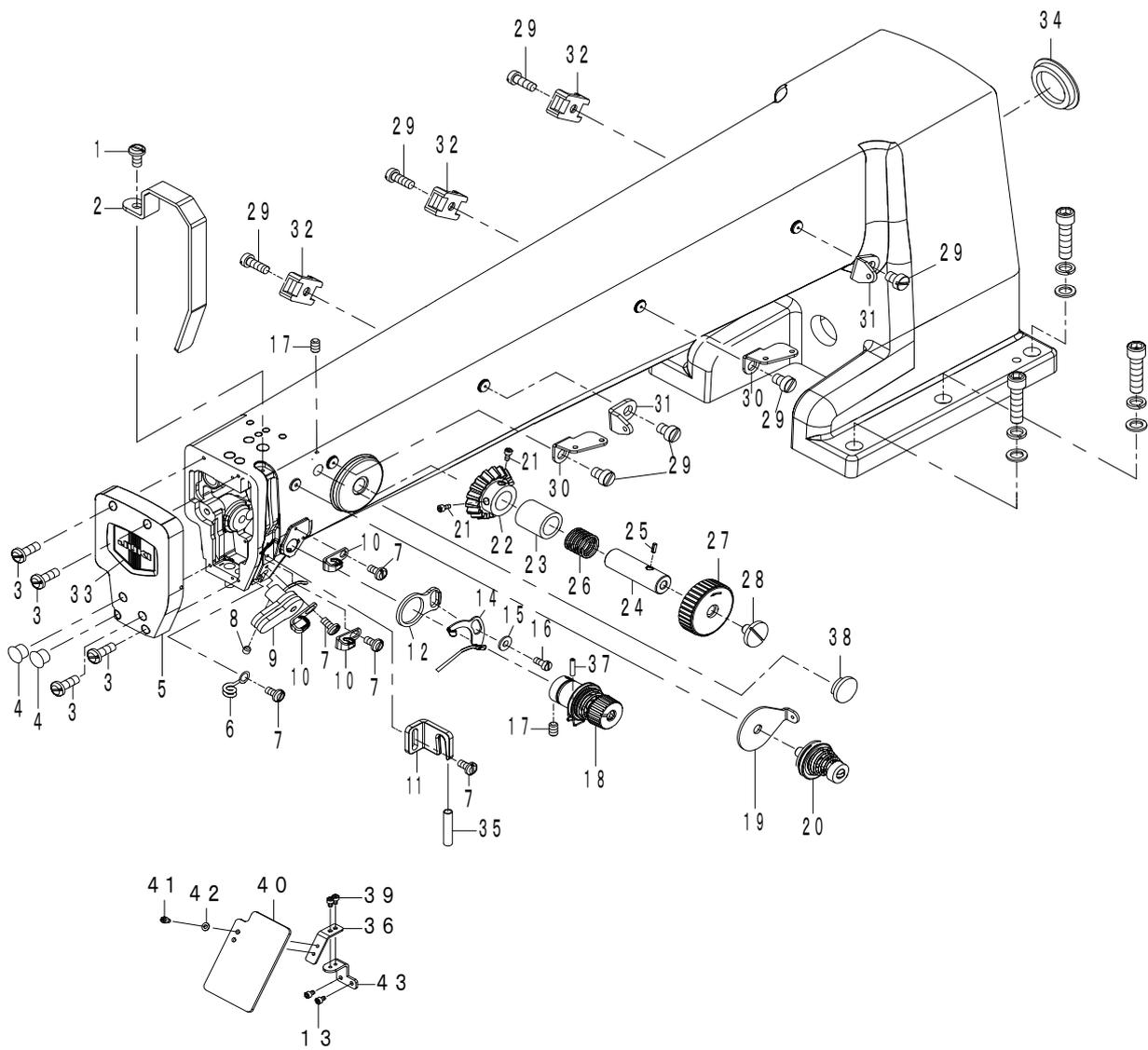
頭部・外装関係 (1)



| REF.NO | NOTE | PART NO   | DESCRIPTION                           | 品 名         | Qty |
|--------|------|-----------|---------------------------------------|-------------|-----|
| 1      |      | 402-28010 | 20_RUBBER_PLUG                        | 20 ゴム栓      | 1   |
| 2      |      | 402-28011 | 26_RUBBER_PLUG                        | 26 ゴム栓      | 1   |
| 3      |      | 402-28012 | FACE_THREADER                         | 面糸吹気管       | 1   |
| 4      |      | 402-27991 | SIDE_COVER_REAR                       | 窓板(後)       | 1   |
| 5      |      | 402-34524 | SCREW                                 | ねじ          | 6   |
| 6      |      | 402-28642 | SCREW                                 | ねじ          | 1   |
| 7      |      | 402-28598 | SPRING_WASHER                         | ばね座金        | 1   |
| 8      |      | 402-28171 | WASHER                                | 平座金         | 1   |
| 9      |      | 402-27992 | PANEL_RUBBER_CUSHION                  | パネル防振ゴム座    | 5   |
| 10     |      | 402-34597 | TUBE                                  | チューブ        | 1   |
| 11     |      | 402-28391 | UPPER_THREAD_BLOW_ADJUSTING_JOINT     | 上糸フロー調節継手   | 1   |
| 12     |      | 402-34597 | TUBE                                  | チューブ        | 1   |
| 13     |      | 402-27994 | SIDE_COVER_FRONT                      | 窓板(前)       | 1   |
| 14     |      | 402-28089 | SCREW                                 | ねじ          | 1   |
| 15     |      | 402-27995 | THREAD_LOOSENING_SOLENOID_ASM         | 糸緩めソレノイド(組) | 1   |
| 16     |      | 402-28310 | THRUST                                | スラスト        | 1   |
| 17     |      | 403-13750 | SCREW                                 | ねじ          | 2   |
| 18     |      | 402-27996 | THREAD_RELEASE_PIN_SPRING             | 糸ゆるめピンばね    | 1   |
| 19     |      | 402-27997 | THREAD_RELEASE_PIN                    | 糸ゆるめピン      | 1   |
| 20     |      | 402-28316 | SPRING_PIN                            | ばねピン        | 2   |
| 21     |      | 402-28718 | SCREW                                 | ねじ          | 4   |
| 22     |      | 402-25491 | BOAT_PRESSER_L                        | 補助皿押え(大)    | 1   |
| 23     |      | 402-28585 | SIDE_COVER_BIG                        | 大窓板         | 1   |
| 24     |      | 402-34524 | SCREW                                 | ねじ          | 4   |
| 25     |      | 402-28000 | SUPPLEMENTARY_PRESSER_CYLINDER        | 補助押えシリンダ    | 1   |
| 26     |      | 402-92118 | SCREW                                 | ねじ          | 2   |
| 27     |      | 402-68523 | CYLINDER_JOINT                        | シリンダ継手      | 2   |
| 28     |      | 402-28002 | SUPPLEMENTARY_PRESSER_ROD_GUIDE       | 補助押え棒ガイド    | 1   |
| 29     |      | 402-98589 | SCREW                                 | ねじ          | 2   |
| 30     |      | 402-28003 | SUPPLEMENTARY_PRESSER_ROD             | 補助押え棒       | 1   |
| 31     |      | 402-28004 | SUPPLEMENTARY_PRESSER_CASE            | 補助押えケース     | 1   |
| 32     |      | 402-28005 | SSUPPLEMENTARY_PRESSER_PILLAR         | 補助押え支柱      | 1   |
| 33     |      | 402-28065 | SCREW                                 | ねじ          | 1   |
| 34     |      | 402-28006 | SUPPLEMENTARY_PRESSER_CONNECT_PILLARS | 補助押え連結柱     | 1   |
| 35     |      | 402-28183 | SCREW                                 | 六角穴ボルト      | 1   |
| 36     |      | 402-98590 | SCREW                                 | ねじ          | 1   |
| 37     |      | 402-28707 | SCREW                                 | ねじ          | 2   |
| 38     |      | 402-28007 | PLANE_THREAD_BRONCHUS                 | 面糸気管支       | 2   |
| 39     |      | 402-28008 | 8_RUBBER_PLUG                         | 8 ゴム栓       | 4   |
| 40     |      | 402-28009 | 12_RUBBER_PLUG                        | 12 ゴム栓      | 1   |
| 41     |      | 402-34571 | WASHER                                | 平座金         | 1   |

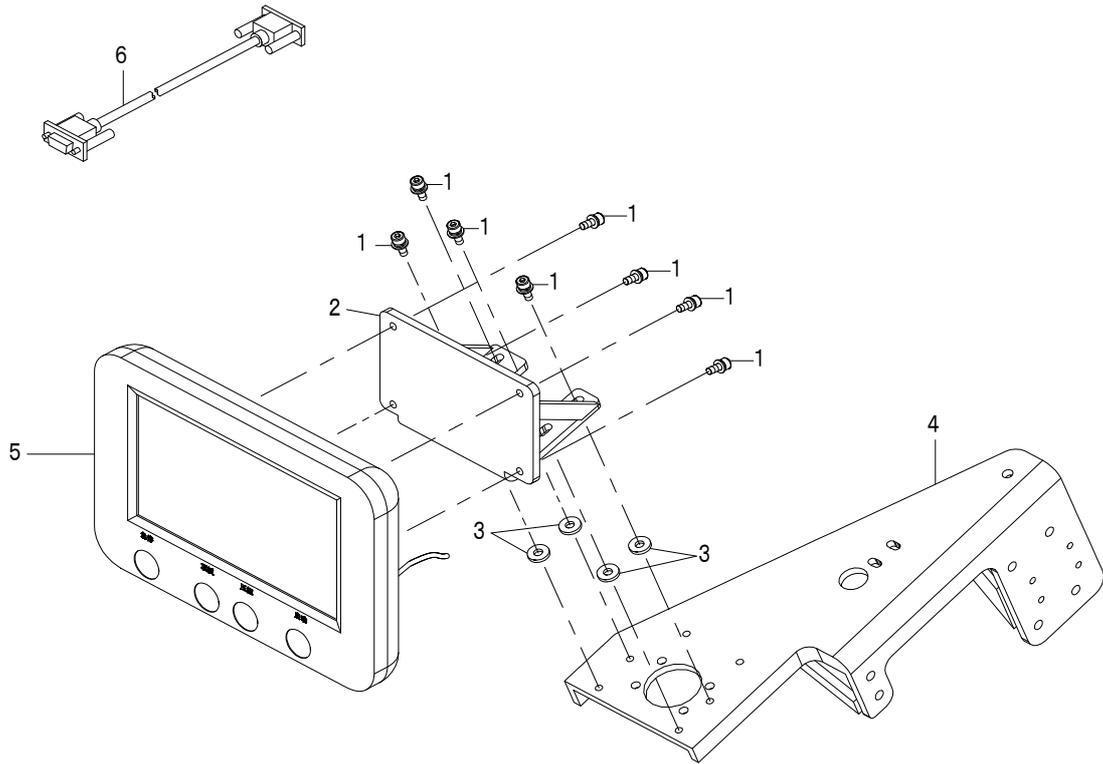
## 2. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2)

頭部・外装関係 (2)



| REF.NO | NOTE | PART NO   | DESCRIPTION                    | 品名                | Qty |
|--------|------|-----------|--------------------------------|-------------------|-----|
| 1      |      | 402-34524 | SCREW                          | ねじ                | 1   |
| 2      |      | 402-28013 | THREAD_TAKE_UP_COVER           | 天秤保護カバー           | 1   |
| 3      |      | 402-28468 | SCREW                          | ねじ                | 4   |
| 4      |      | 402-28009 | 12_RUBBER_PLUG                 | 12 ゴム栓            | 2   |
| 5      |      | 402-28014 | FACE_COVER                     | 面板                | 1   |
| 6      |      | 402-28470 | LOWER_GUIDE                    | 下案内               | 1   |
| 7      |      | 402-28707 | SCREW                          | ねじ                | 5   |
| 8      |      | 402-28015 | SCREW                          | ねじ                | 1   |
| 9      |      | 402-28016 | SOLENOID_ASM                   | ソレノイド(組)          | 1   |
| 10     |      | 402-28017 | RIGHT_GUIDE                    | 右案内               | 3   |
| 11     |      | 402-28018 | VERTICA_GUIDE                  | 縦案内               | 1   |
| 12     |      | 402-28019 | IN-SENSOR_INSULATION_PIECE     | センサー内絶縁片          | 1   |
| 13     |      | 402-28489 | SCREW M4 L=10                  | 座金付き六角穴ボルト M4L=10 | 2   |
| 14     |      | 402-28083 | SHEAR_THREAD_DETECT_SENSOR_PLA | 断糸検知センサー板(組)      | 1   |
| 15     |      | 402-68518 | OUT-SENSOR_INSULATION_PIECE    | センサー外絶縁片          | 1   |
| 16     |      | 402-68519 | SCREW                          | ねじ                | 1   |
| 17     |      | 402-28089 | SCREW                          | ねじ                | 1   |
| 18     |      | 402-28022 | THREAD_TENSION_ASM             | 糸調子(組)            | 1   |
| 19     |      | 402-28023 | THREAD_TENSION_GUIDE           | 糸調子案内             | 1   |
| 20     |      | 402-28024 | UPPER_THREAD_TENSION_ASM       | 上糸調子(組)           | 1   |
| 21     |      | 402-34393 | SCREW                          | ねじ                | 2   |
| 22     |      | 402-28025 | PULLEY_SHAFT_GEAR              | 手元プーリ軸歯車          | 1   |
| 23     |      | 402-28026 | PULLEY_METAL                   | 手元プーリメタル          | 1   |
| 24     |      | 402-28027 | PULLEY_SHAFT                   | 手元プーリ軸            | 1   |
| 25     |      | 403-13752 | PIN                            | ピン                | 1   |
| 26     |      | 402-28028 | PULLEY_SPRING                  | 手元プーリばね           | 1   |
| 27     |      | 403-13516 | PULLEY                         | 手元プーリ             | 1   |
| 28     |      | 402-28030 | SCREW                          | ねじ                | 1   |
| 29     |      | 402-28031 | SCREW                          | ねじ                | 7   |
| 30     |      | 402-28032 | DOUBLE_HOLE_GUIDE              | 双穴案内              | 2   |
| 31     |      | 402-28033 | SINGLE_HOLE_GUIDE              | 単穴案内              | 2   |
| 32     |      | 402-28034 | FIXING_PLATE                   | 固定用プレート           | 3   |
| 33     |      | 229-02506 | PLATE                          | 面板化粧板             | 1   |
| 34     |      | 402-28035 | SPINDLE_BACK_COVER             | 主軸後カバー            | 1   |
| 35     |      | 402-28040 | GUIDE_TUBE                     | 案内チューブ            | 1   |
| 36     |      | 402-68567 | BASE_PLATE                     | ベース板              | 1   |
| 37     |      | 402-28041 | THREAD_TENSION_CASE_TUBE       | 糸調子ケース管           | 1   |
| 38     |      | 402-28043 | RUBBER_PLUG                    | ゴム栓               | 1   |
| 39     |      | 402-68569 | SCREW                          | ねじ                | 1   |
| 40     |      | 403-13469 | SAFETY_PLATE                   | 安全プレート            | 1   |
| 41     |      | 402-68566 | SCREW                          | ねじ                | 2   |
| 42     |      | 402-34571 | WASHER                         | 平座金               | 2   |
| 43     |      | 402-87174 | LINK_PLATE                     | 連結板               | 1   |

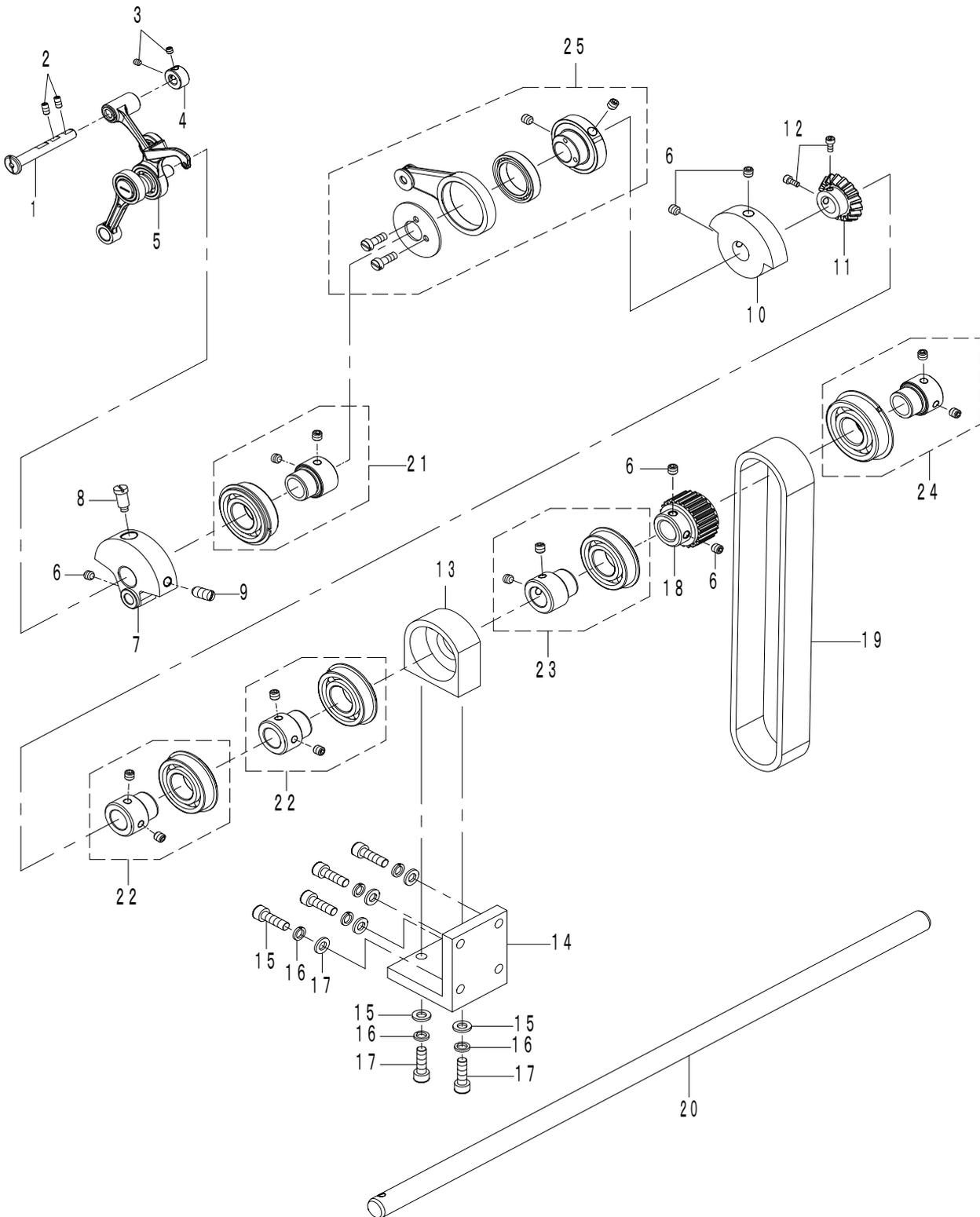
3. DISPLAY UNIT  
パネル部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                | 品名      | Qty |
|--------|------|-----------|----------------------------|---------|-----|
| 1      |      | 402-34469 | SCREW                      | ねじ      | 8   |
| 2      |      | 402-34391 | PANEL_INSTALLATION_CUSHION | パネル取付座  | 1   |
| 3      |      | 402-27992 | PANEL_RUBBER_CUSHION       | パネル防振ゴム | 4   |
| 4      |      | 402-34392 | PANEL_INSTALLATION_PLATE   | パネル取付板  | 1   |
| 5      |      | 403-13471 | PANEL                      | パネル     | 1   |
| 6      |      | 403-13466 | PANEL_CABLE                | パネルケーブル | 1   |

#### 4. UPPER SHAFT AND PICK LINE COMPONENTS

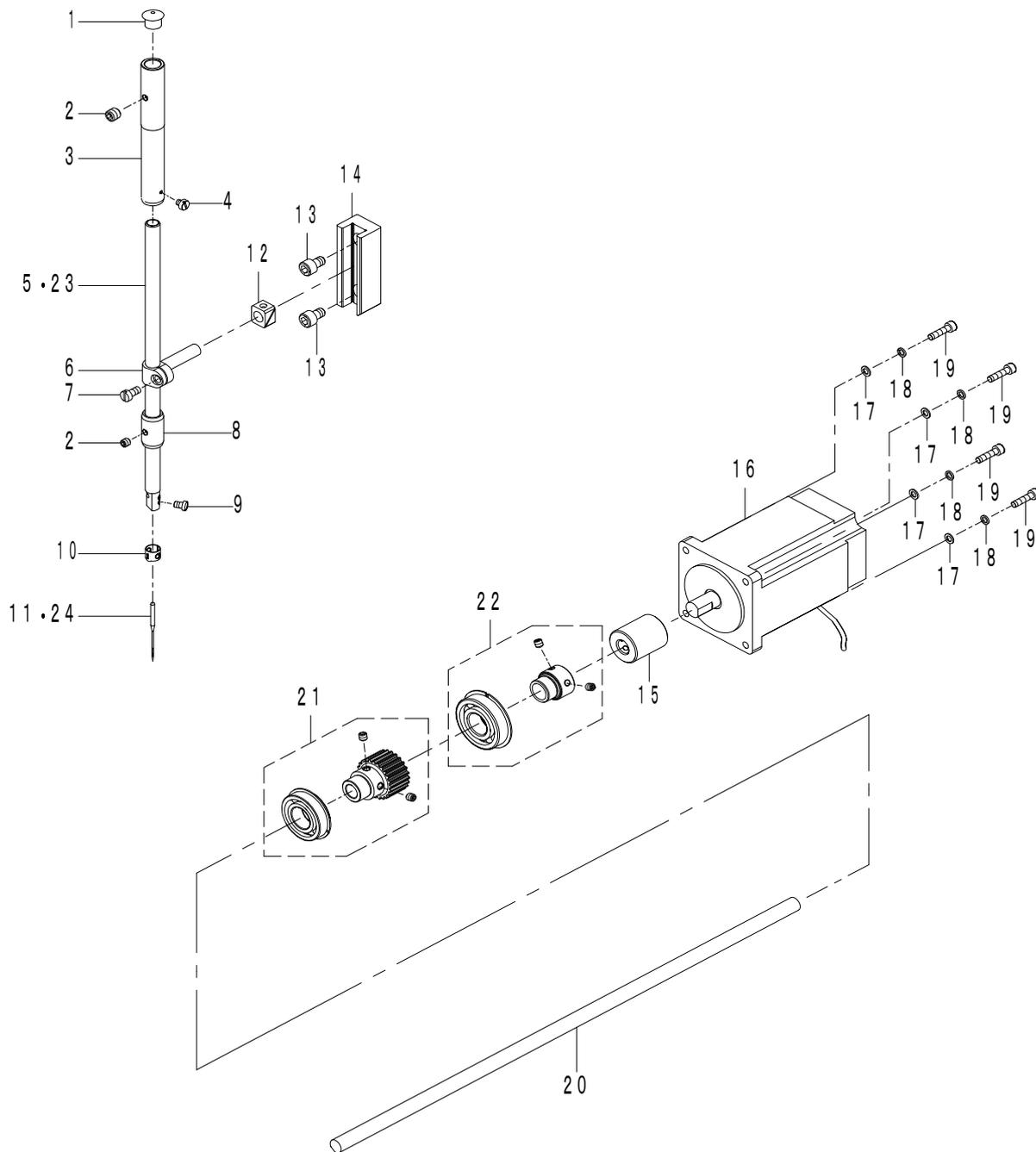
上軸・天秤部品關係



| REF.NO | NOTE | PART NO   | DESCRIPTION                            | 品 名               | Qty |
|--------|------|-----------|--|-------------------|-----|
| 1      |      | 402-28102 | THREAD_TAKE_UP_CONNECT_ROD_HINGE_SHAFT | 天秤蝶番軸             | 1   |
| 2      |      | 402-28089 | SCREW                                  | ねじ                | 2   |
| 3      |      | 402-28722 | SCREW                                  | ねじ                | 2   |
| 4      |      | 402-28103 | THRUST                                 | スラスト              | 1   |
| 5      |      | 402-28104 | THREAD_TAKE_UP_ASM                     | 天秤(組)             | 1   |
| 6      |      | 402-28126 | SCREW                                  | ねじ                | 5   |
| 7      |      | 402-28590 | COUNTER_WEIGHT_15.2                    | 釣合錘15.2           | 1   |
| 8      |      | 402-66165 | SCREW                                  | 釣合錘テーパー止めねじ(第一)   | 1   |
| 9      |      | 402-68555 | SCREW                                  | ねじ                | 1   |
| 10     |      | 402-28591 | BALANCER                               | バランサ              | 1   |
| 11     |      | 402-28025 | UPPER_SHAFT_GEAR                       | 上軸歯車              | 1   |
| 12     |      | 402-34393 | SCREW                                  | ねじ                | 2   |
| 13     |      | 403-13820 | UPPER_SHAFT_SUPPORT_BEARING_BASE       | 上軸補助ベアリングベース      | 1   |
| 14     |      | 403-13822 | UPPER_SHAFT_SUPPORT_BEARING_BASE_BR    | 上軸補助ベアリングベースサポーター | 1   |
| 15     |      | 402-34552 | SCREW                                  | ねじ                | 6   |
| 16     |      | 402-34786 | SPRING_WASHER                          | ばね座金              | 6   |
| 17     |      | 402-34435 | SPRING_WASHER                          | ばね座金              | 6   |
| 18     |      | 402-28592 | UPPER_SHAFT_PULLEY                     | 上軸プーリ             | 1   |
| 19     |      | 402-28106 | TIMING_BELT                            | タイミングベルト          | 1   |
| 20     |      | 402-28593 | UPPER_SHAFT                            | 上軸                | 1   |
| 21     |      | 402-28107 | UPPER_SHAFT_FRONT_BEARING_ASM          | 上軸前ベアリング(組)       | 1   |
| 22     |      | 402-28290 | UPPER_SHAFT_FRONT_REAR_BEARIN_ASM      | 上軸前後ベアリング(組)      | 2   |
| 23     |      | 402-28594 | UPPER_SHAFT_REAR & FRONT_BEARING_ASM   | 上軸後前ベアリング(組)      | 1   |
| 24     |      | 402-28109 | UPPER_SHAFT_REAR_BEARING_ASM           | 上軸後ベアリング(組)       | 1   |
| 25     |      | 402-28595 | ECCENTRIC_CAM_CONNECT_ROD_ASM          | 偏心カム連接棒(組)        | 1   |

## 5. NEEDLE BAR AND LOWER SHAFT PARTS COMPONENTS

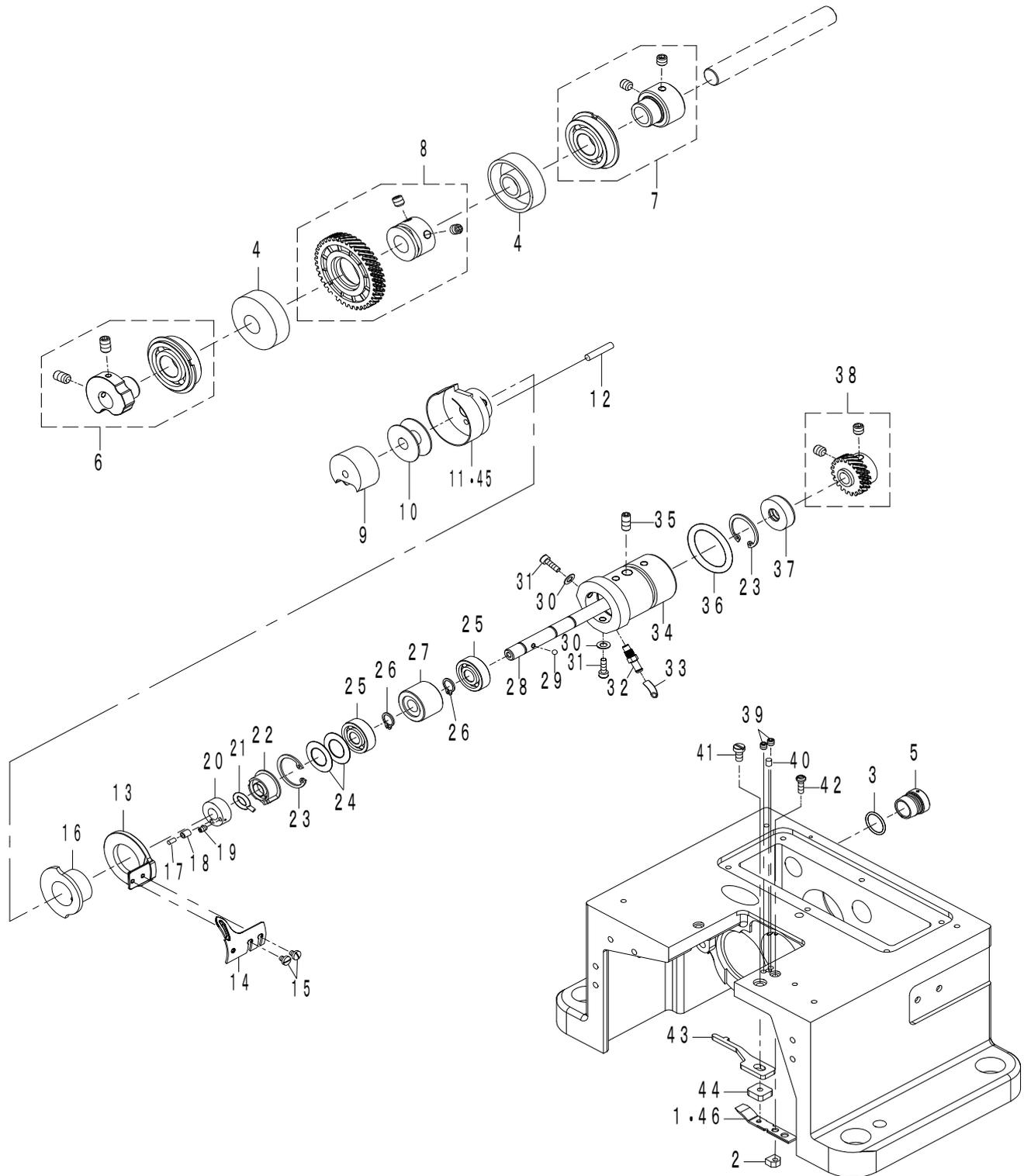
針棒・下軸部品關係



| REF.NO | NOTE | PART NO      | DESCRIPTION   | 品名                          | Qty |
|--------|------|--------------|---|-----------------------------|-----|
| 1      |      | 402-28110    | NEEDLE_BAR_UPPER_CAP                                    | 針棒上キャップ                     | 1   |
| 2      |      | 402-28015    | SCREW   | ねじ                          | 1   |
| 3      |      | 402-28111    | NEEDLE_BAR_BUSHING_UPPER                                | 針棒メタル上                      | 1   |
| 4      |      | 402-28485    | SCREW   | ねじ                          | 1   |
| 5      | #01  | 402-28113    | NEEDLE_BAR_D1.64  | 針棒 D1.6                     | 1   |
| 6      |      | 402-28114    | NEEDLE_BAR_CONNECTING                                   | 針棒抱き                        | 1   |
| 7      |      | 402-28115    | SCREW   | ねじ                          | 1   |
| 8      |      | 402-28116    | NEEDLE_BAR_LOWER_BUSHING                                | 針棒下メタル                      | 1   |
| 9      | ☆    | 402-28117    | SCREW   | ねじ                          | 1   |
| 10     |      | 402-28118    | NEEDLE_BAR_THREAD_GUIDE                                 | 針棒糸案内                       | 1   |
| 11     | ☆    | #01          | MDB-100B0800  | 針 DBX1 #8                   | 1   |
| 12     |      | 402-28119    | SLIDE_BLOCK   | 針棒抱き案内コロ                    | 1   |
| 13     |      | 402-28725    | SCREW   | ねじ                          | 2   |
| 14     |      | 402-28120    | NEEDLE_BAR_GUIDE  | 針棒ガイド                       | 1   |
| 15     |      | 402-28597    | MAIN_SHAFT_COUPLING                                     | 主軸メタル                       | 1   |
| 16     |      | 403-13473    | MAIN_SHAFT_MOTOR  | 主軸モータ                       | 1   |
| 17     |      | 402-34399    | WASHER  | 平座金                         | 4   |
| 18     |      | 402-28598    | SPRING_WASHER   | ばね座金                        | 4   |
| 19     |      | 402-28185    | SCREW   | ねじ                          | 4   |
| 20     |      | 403-13823    | LOWER_SHAFT   | 下軸                          | 1   |
| 21     |      | 402-28599    | LOWER_SHAFT_SPROCKET_ASM                                | 下軸スプロケット (組)                | 1   |
| 22     |      | 402-28600    | LOWER_SHAFT_BEARING_ASM                                 | 下軸ベアリング (組)                 | 1   |
| 23     | #02  | 402-28112    | NEEDLE_BAR_D2.0   | 針棒2.0                       | 1   |
| 24     | #02  | MDP-170B2100 | NEEDLE DPX17 #21  | 針 DPX17 #21                 | 1   |
|        |      | NOTE(注記)     | #01.....TYPE S (FOR DB×1)<br>#02.....TYPE H (FOR DB×17) | S仕様 (DB×1用)<br>H仕様 (DB×17用) |     |

## 6. ROTARY SHUTTLE TRANSMISSION AND THREAD CUTTING PARTS COMPONENTS

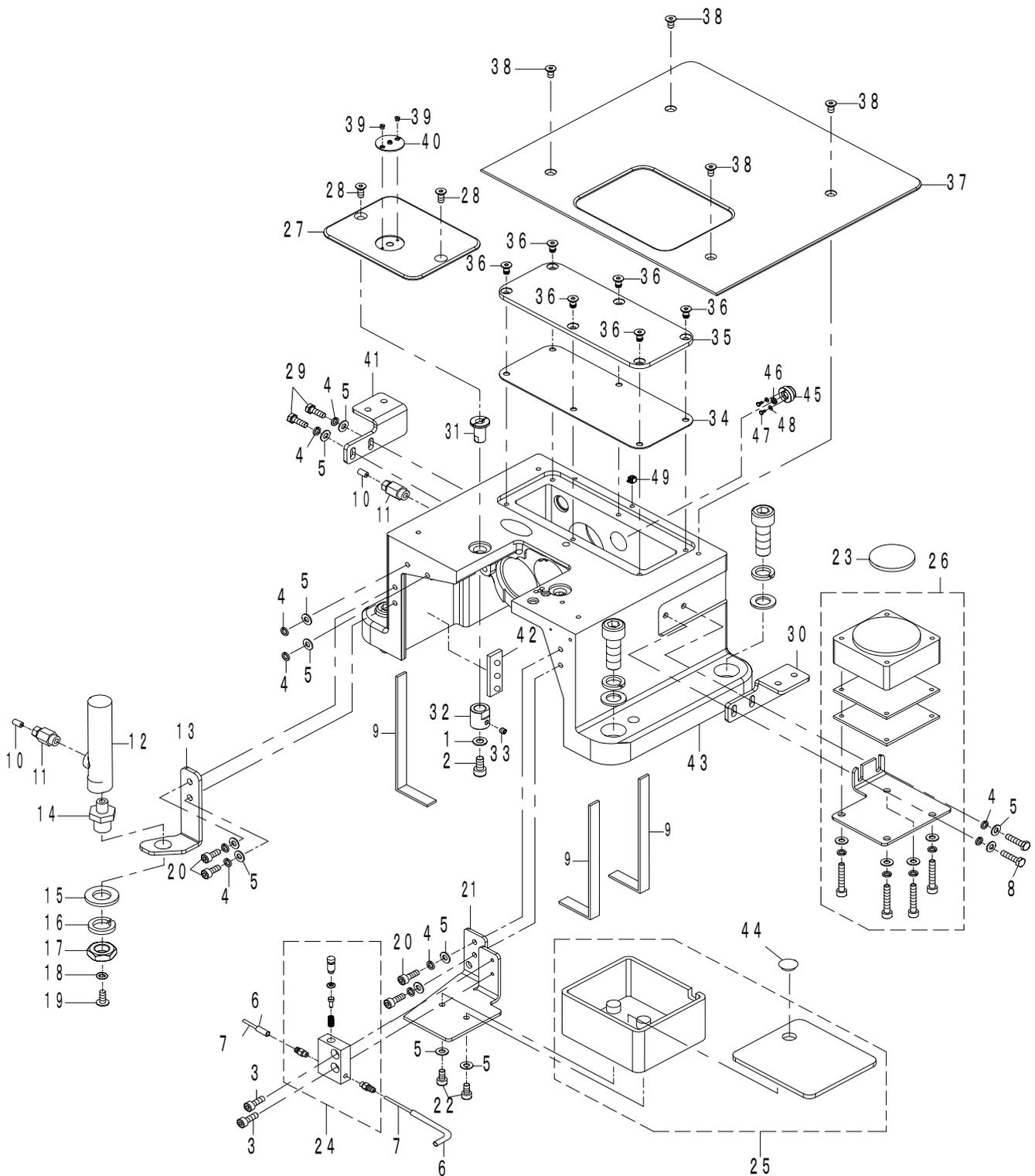
釜伝動・糸切部品関係



| REF.NO | NOTE | PART NO       | DESCRIPTION                    | 品名         | Qty |
|--------|------|---------------|--------------------------------|------------|-----|
| 1      | #01  | 402-25492     | FIX_KNIFE                      | 固定メス       | 1   |
| 2      |      | 402-28486     | NUT                            | ナット        | 1   |
| 3      |      | 402-28139     | EXHAUST_CASE                   | 排気ケース      | 1   |
| 4      |      | 402-28123     | PACKING                        | パッキング      | 2   |
| 5      |      | 402-28140     | O_RING                         | Oリング       | 1   |
| 6      |      | 402-28603     | THREAD_CUTTER_CAM_ASM          | 糸切りカム (組)  | 1   |
| 7      |      | 402-28604     | BEARING_ASM                    | ベアリング (組)  | 1   |
| 8      |      | 402-28605     | LARGE_GEAR_ASM                 | 大歯車 (組)    | 1   |
| 9      | ☆    | 402-25489     | BOBBIN_CASE_ASM                | ボビンケース     | 1   |
| 10     | ☆    | 402-25494     | BOBBIN                         | ボビン        | 1   |
| 11     | ☆    | #01 403-11461 | HOOK_ASM(S)                    | 給油釜(組)_S   | 1   |
| 12     |      | 402-28192     | OIL_WICK                       | 油芯         | 1   |
| 13     |      | 402-28130     | MOVING_KNIFE_SHAKING_TABLE     | 動メス揺動台     | 1   |
| 14     | ☆    | 402-37772     | THREAD_DETECT_MOVING_KNIFE     | 下糸検知動メス    | 1   |
| 15     |      | 402-28131     | SCREW                          | ねじ         | 2   |
| 16     |      | 402-28132     | DRIVING_POSITION_BASE          | 駆動位置台      | 1   |
| 17     |      | 402-28133     | OIL_THREAD                     | 油糸         | 1   |
| 18     |      | 402-68787     | TUBE                           | チューブ       | 1   |
| 19     |      | 402-68788     | SCREW                          | ねじ         | 1   |
| 20     |      | 402-68789     | MOVING_FORT_CASE               | 動ファルトケース   | 1   |
| 21     |      | 402-28134     | COTTON_OIL_WICK                | 油芯         | 1   |
| 22     |      | 402-34400     | STATIC_FORT_CASE               | 静ファルトケース   | 1   |
| 23     |      | 402-68791     | E_RING                         | E形止め輪      | 2   |
| 24     |      | 402-68792     | SPRING_WASHER                  | ばね座金       | 2   |
| 25     |      | 402-68793     | BEARING                        | ベアリング      | 1   |
| 26     |      | 402-28070     | AXIAL_THRUST                   | 軸用スラスト     | 2   |
| 27     |      | 402-68794     | CASE                           | ケース        | 1   |
| 28     |      | 402-28601     | HOOK_SHAFT                     | 釜軸         | 1   |
| 29     |      | 402-68795     | BALL_1.5                       | ボール1.5     | 1   |
| 30     |      | 402-68796     | WASHER                         | 平座金        | 2   |
| 31     |      | 402-68486     | SCREW                          | ねじ         | 2   |
| 32     |      | 402-68798     | JOINT                          | 管継手        | 1   |
| 33     |      | 403-08514     | OIL_PIPE                       | オイルパイプ     | 1   |
| 34     |      | 402-28602     | HOOK_SHAFT_METAL               | 釜軸メタル      | 1   |
| 35     |      | 402-68800     | SCREW                          | ねじ         | 1   |
| 36     |      | 402-68801     | HOOK_SHAFT_METAL_O_RING        | 釜軸メタルOリング  | 1   |
| 37     |      | 402-68802     | PACKING                        | パッキング      | 1   |
| 38     |      | 402-28606     | HOOK_SHAFT_GEAR_ASM            | 釜軸歯車 (組)   | 1   |
| 39     |      | 402-28015     | SCREW                          | ねじ         | 2   |
| 40     |      | 402-28135     | SCREW                          | 固定ねじ       | 1   |
| 41     |      | 402-28435     | SCREW                          | ねじ         | 1   |
| 42     |      | 402-28136     | SCREW                          | ねじ         | 1   |
| 43     |      | 402-28137     | INNER_HOOK HOLDER              | 中釜押え       | 1   |
| 44     |      | 402-28138     | NUT                            | ナット        | 1   |
| 45     | #02  | 403-12031     | HOOK_ASM(H)                    | 給油釜(組)_H   | 1   |
| 46     | #02  | 402-34080     | FIXED_KNIFE                    | 固定メス       | 1   |
|        |      | NOTE(注記)      | #01....TYPE S<br>#02....TYPE H | S仕様<br>H仕様 |     |

## 7. OIL SUPPLY AND NEEDLE PLATE PARTS OF ROTARY COMPONENTS

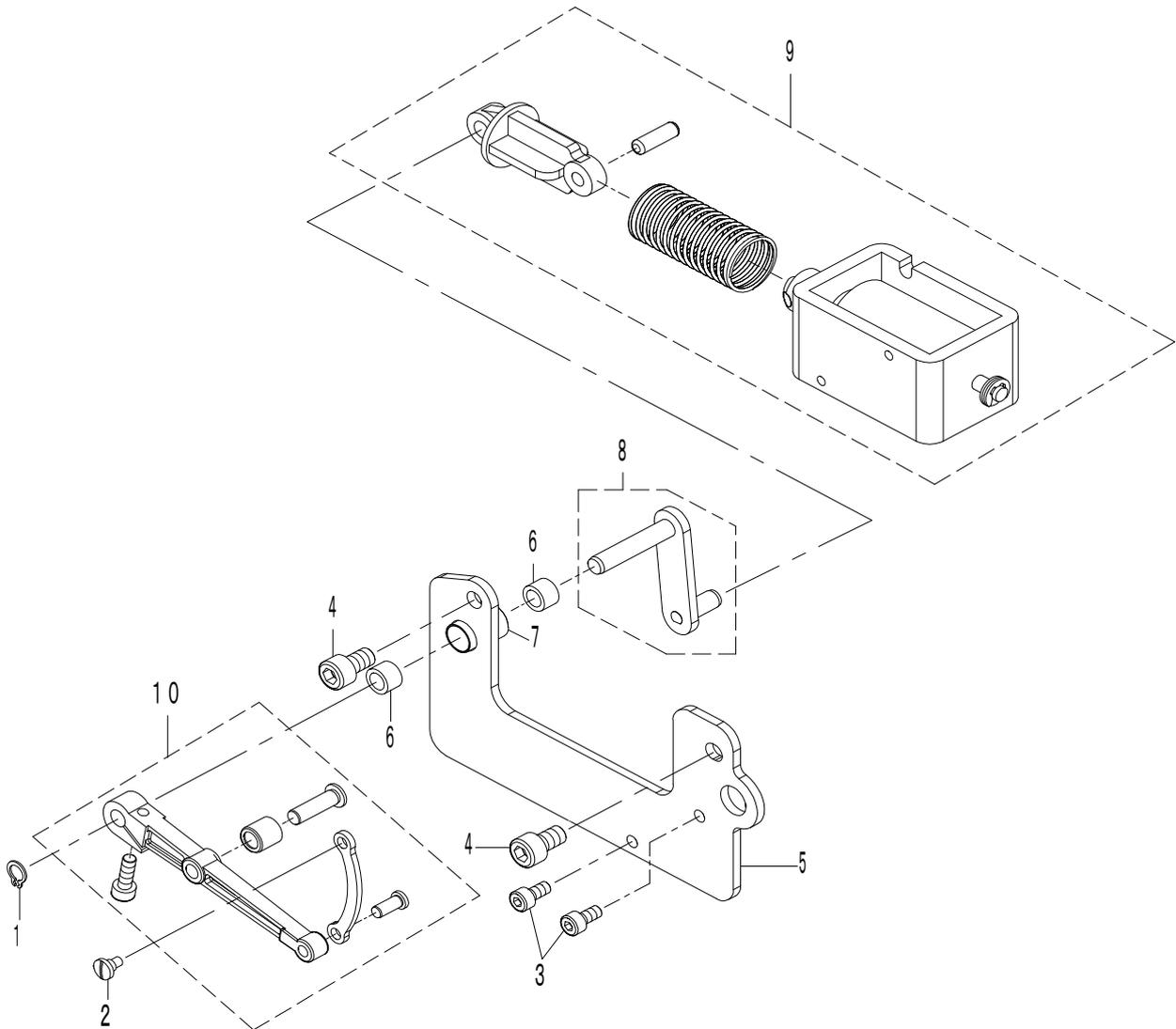
釜給油・針板部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                           | 品 名         | Qty |
|--------|------|-----------|---------------------------------------|-------------|-----|
| 1      |      | 402-28171 | WASHER                                | 平座金         | 2   |
| 2      |      | 402-28498 | SCREW                                 | ねじ          | 2   |
| 3      |      | 402-35588 | SCREW                                 | ねじ          | 2   |
| 4      |      | 402-34452 | WASHER                                | ばね座金        | 10  |
| 5      |      | 402-28622 | WASHER                                | 平座金         | 12  |
| 6      |      | 403-13753 | TUBE                                  | チューブ        | 2   |
| 7      |      | 402-28133 | OIL_THREAD                            | 油糸          | 2   |
| 8      |      | 402-28607 | SCREW                                 | ねじ          | 2   |
| 9      |      | 402-72155 | FELT                                  | フェルト        | 3   |
| 10     |      | 403-13754 | PIPE                                  | パイプ         | 1   |
| 11     |      | 402-28145 | COPPER_PIPE_JOINT_ASM                 | 銅管継手(組)     | 2   |
| 12     |      | 402-28146 | OIL_INSTRUCTION_PLATE_ASM             | 油指示皿(組)     | 1   |
| 13     |      | 402-28147 | OIL_INSTRUCTION_PLATE                 | 油指示取付板      | 1   |
| 14     |      | 402-28148 | OUTER_OIL_INSTRUCTION_SCREW           | 外油指示ねじ      | 1   |
| 15     |      | 402-28149 | WASHER                                | 平座金         | 1   |
| 16     |      | 402-28150 | SPRING_WASHER                         | ばね座金        | 1   |
| 17     |      | 402-28151 | NUT                                   | ナット         | 1   |
| 18     |      | 402-28152 | O_RING                                | Oリング        | 1   |
| 19     |      | 402-28153 | SCREW                                 | ねじ          | 1   |
| 20     |      | 402-34386 | SCREW                                 | ねじ          | 2   |
| 21     |      | 402-28154 | OIL_TRAY_FITTING_PLATE                | 油皿取付板       | 1   |
| 22     |      | 402-34388 | SCREW                                 | ねじ          | 2   |
| 23     |      | 402-28361 | IC_CARD                               | ICカード       | 1   |
| 24     |      | 402-28166 | REFUELING_ADJUSTMENT_ASM              | 給油調節(組)     | 1   |
| 25     |      | 402-28167 | OIL_TRAY_ASM                          | 油皿(組)       | 1   |
| 26     |      | 402-28608 | RFID_UNIT                             | RFIDユニット    | 1   |
| 27     |      | 402-28168 | NEEDLE_PLATE                          | 針板          | 1   |
| 28     |      | 402-28609 | SCREW                                 | 皿小ねじ        | 2   |
| 29     |      | 402-87135 | SCREW                                 | ねじM4×12     | 2   |
| 30     |      | 402-28155 | HOOK_BASE_TABLE_RIGHT_ADJUST_PLATE    | 釜台テーブル右調節板  | 1   |
| 31     |      | 402-28169 | POLICY_BOARD_ADJUST_CONNEC_CASE       | 方針板調節連結ケース  | 2   |
| 32     |      | 402-28170 | POLICY_BOARD_ADJUST_CONNEC_PRESS_CASE | 方針板調節連結圧ケース | 2   |
| 33     |      | 402-28015 | SCREW                                 | ねじ          | 2   |
| 34     |      | 402-28156 | GEAR_BOX_UPPER_COVER_CUSHION          | 歯車箱上カバー座    | 1   |
| 35     |      | 402-28157 | GEAR_BOX_UPPER_COVER                  | 歯車箱上カバー     | 1   |
| 36     |      | 402-28659 | SCREW                                 | ねじ          | 6   |
| 37     |      | 402-28158 | HOOK_BASE_COVER                       | 釜軸台カバー      | 1   |
| 38     |      | 402-34403 | SCREW                                 | ねじ          | 4   |
| 39     | ☆    | 402-28160 | SCREW                                 | 皿小ねじ        | 2   |
| 40     |      | 402-25486 | NEEDLE_PLATE_(SMALL)_D=1.6            | 針板(小) D=1.6 | 1   |
| 41     |      | 402-28161 | HOOK_BASE_TABLE_LEFT_ADJUST_PLATE     | 釜台テーブル左調節板  | 1   |
| 42     |      | 402-87687 | LED_LIGHT                             | LEDライト      | 1   |
| 43     |      | 403-13755 | HOOK_BASE                             | 釜台          | 1   |
| 44     |      | 402-86344 | X_AXIS_DRIVE_COVER_STOPPER            | X送りカバーゴム栓   | 1   |
| 45     |      | 402-28154 | OIL_TRAY_FITTING_PLATE                | 油皿取付板       | 1   |
| 46     |      | 402-28488 | PACKING                               | パッキング       | 1   |
| 47     |      | 402-87133 | SCREW                                 | ねじM3×5      | 2   |
| 48     |      | 402-34514 | WASHER                                | 座金          | 2   |
| 49     |      | 402-87131 | JOINT                                 | 継手          | 1   |

## 8. WIRE CUT ELECTROMAGNETIC COMPONENTS

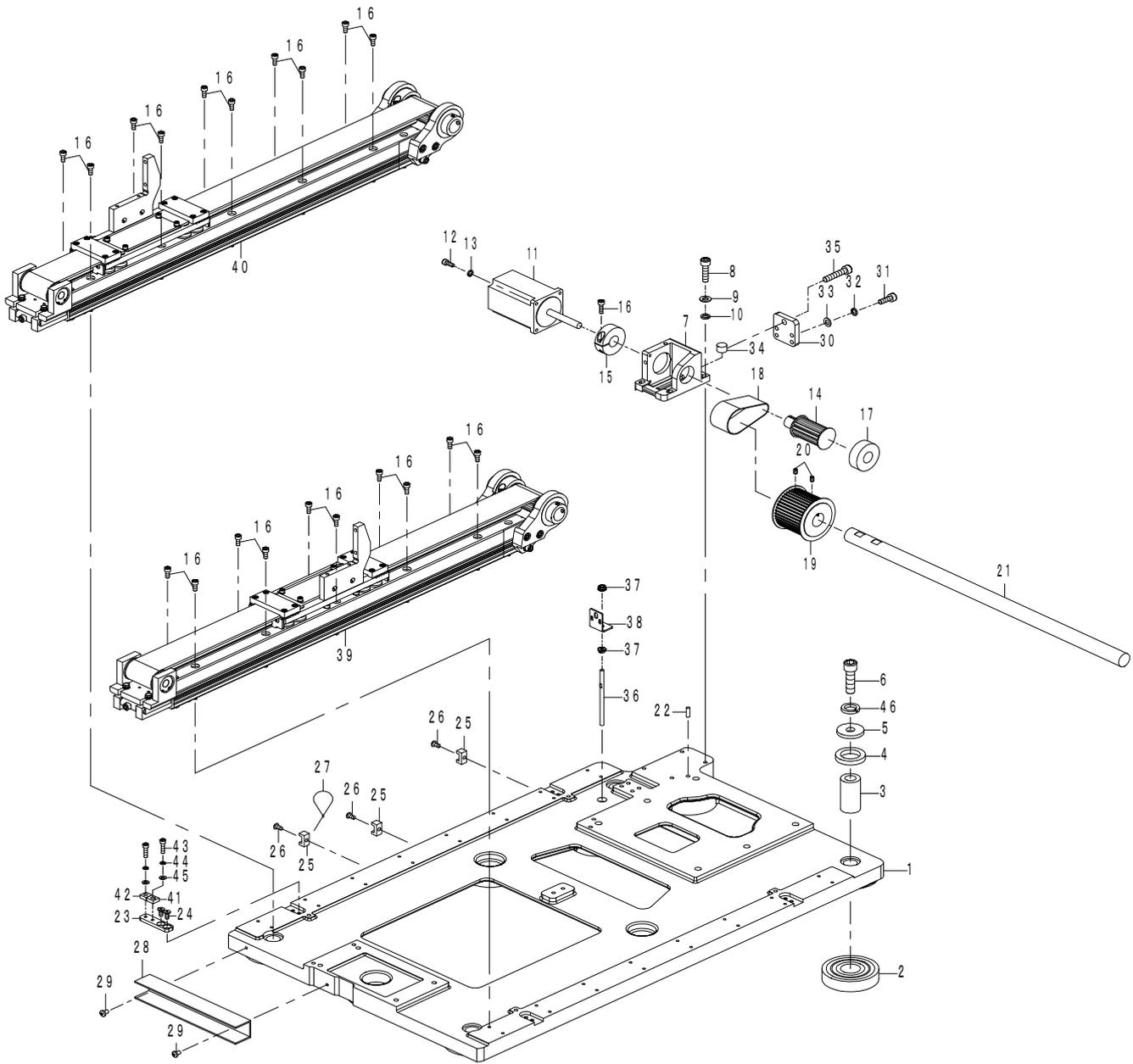
糸切ソレノイド部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                    | 品名        | Qty |
|--------|------|-----------|--------------------------------|-----------|-----|
| 1      |      | 402-28172 | AXIAL_THRUST                   | 軸用スラスト    | 1   |
| 2      |      | 402-28173 | SCREW                          | ねじ        | 1   |
| 3      |      | 402-34388 | SCREW                          | ねじ        | 2   |
| 4      |      | 402-28733 | SCREW                          | ねじ        | 2   |
| 5      |      | 402-28174 | SUPPORT_PLATE                  | 取付板       | 1   |
| 6      |      | 402-28175 | BEARING                        | ベアリング     | 2   |
| 7      |      | 402-28734 | BUSH                           | ブッシュ      | 1   |
| 8      |      | 402-28176 | CONNECTING_ROD_PARTS           | 連接棒部品     | 1   |
| 9      |      | 402-28177 | THREAD_CUTTER_SOLENOID_PARTS   | 糸切ソレノイド部品 | 1   |
| 10     |      | 402-28036 | THREAD_CUTTER_CONNECTING_ROD_P | 糸切連接棒部品   | 1   |

# 9. THE BASE MEMBER COMPONENTS

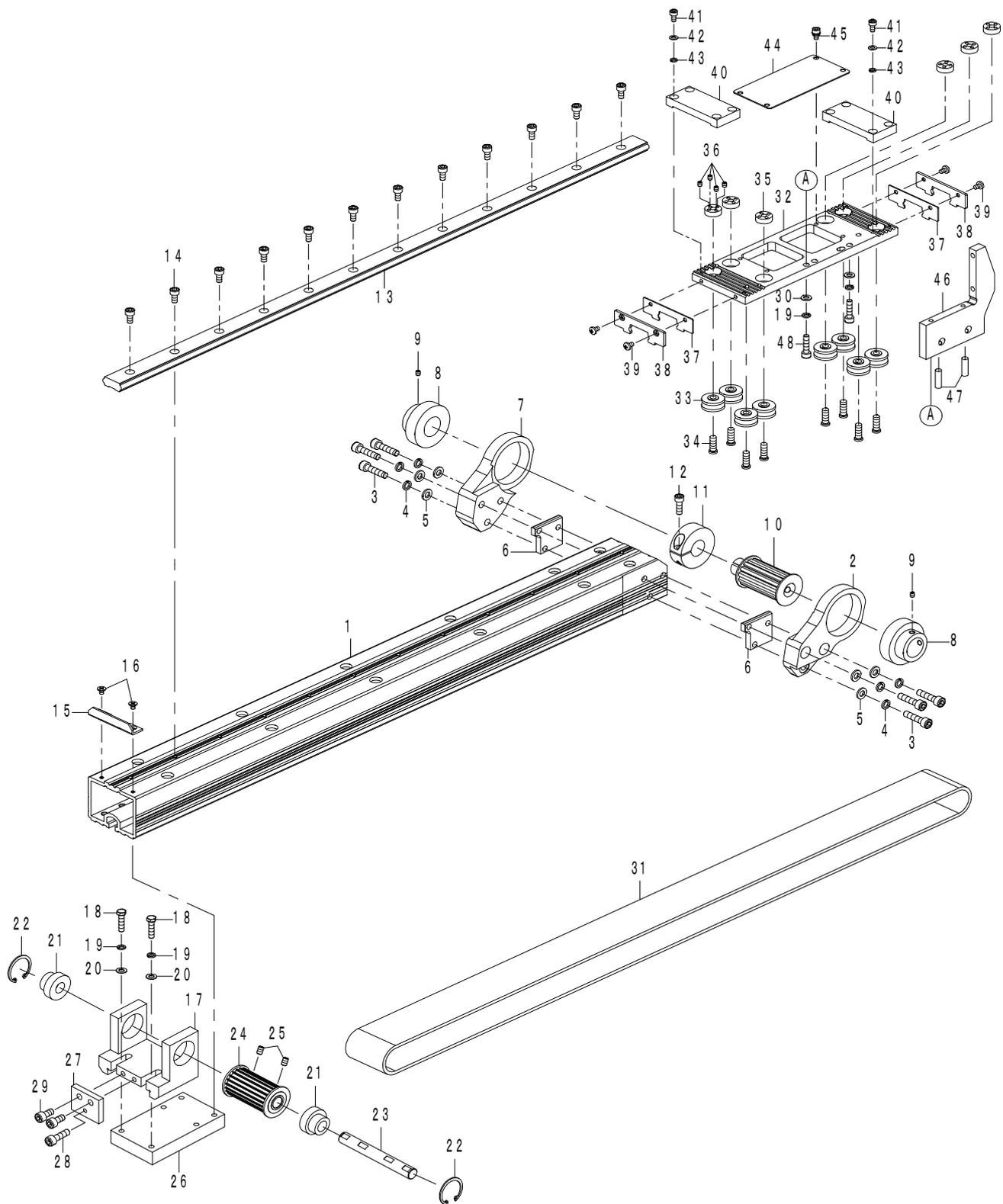
ベース部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                    | 品名           | Qty |
|--------|------|-----------|--------------------------------|--------------|-----|
| 1      |      | 402-34405 | BASE                           | ベース          | 1   |
| 2      |      | 402-28490 | RUBBER_CUSHION                 | ゴム座          | 6   |
| 3      |      | 402-34406 | POSITION_CASE                  | 位置ケース        | 4   |
| 4      |      | 402-34407 | BED_CUSHION                    | ベッド防振座       | 4   |
| 5      |      | 402-34408 | WASHER                         | 平座金          | 4   |
| 6      |      | 402-34409 | SCREW                          | ねじ           | 4   |
| 7      |      | 402-28660 | Y_MOTOR_CUSHION                | Yモータ座        | 1   |
| 8      |      | 402-34410 | SCREW                          | ねじ           | 4   |
| 9      |      | 402-34411 | WASHER                         | 平座金          | 4   |
| 10     |      | 402-34576 | SPRING_WASHER                  | ばね座金         | 4   |
| 11     |      | 403-13484 | Y_MOTOR                        | Yモータ         | 1   |
| 12     |      | 402-34552 | SCREW                          | ねじ           | 4   |
| 13     |      | 402-34435 | SPRING_WASHER                  | ばね座金         | 6   |
| 14     |      | 402-28661 | Y_FEED_SPROCKET                | Y軸スプロケット     | 1   |
| 15     |      | 402-34412 | BOLD_FUP                       | ボールド. フップ    | 1   |
| 16     |      | 402-34413 | SCREW                          | ねじ           | 21  |
| 17     |      | 402-34414 | BEARING                        | ベアリング        | 1   |
| 18     |      | 402-28492 | Y_MOTOR_BELT                   | Y向モータベルト     | 1   |
| 19     |      | 402-28662 | Y_MOTOR_SPROCKET               | Yモータスプロケット   | 1   |
| 20     |      | 402-28089 | SCREW                          | ねじ           | 4   |
| 21     |      | 402-28663 | Y_MAIN_SHAFT                   | Y主軸          | 1   |
| 22     |      | 402-34415 | PIN                            | 位置決めピン       | 5   |
| 23     |      | 402-28181 | MODULE_PLATE_BOARD             | モジュールプレート取付板 | 4   |
| 24     |      | 402-28183 | SCREW                          | ねじ           | 4   |
| 25     |      | 402-28034 | FIXING_PLATE                   | 固定用プレート      | 3   |
| 26     |      | 402-34416 | SCREW                          | ねじ           | 3   |
| 27     |      | 402-28573 | 7X200_CABLE_BAND               | 7X200束線バンド   | 3   |
| 28     |      | 402-34417 | WIRING_BOX                     | 配線ボックス       | 1   |
| 29     |      | 402-34418 | SCREW                          | ねじ           | 2   |
| 30     |      | 402-34419 | TIMING BELT PLATE              | タイミングベルトプレート | 1   |
| 31     |      | 402-28185 | SCREW                          | ねじ           | 4   |
| 32     |      | 402-28598 | SPRING_WASHER                  | ばね座金         | 4   |
| 33     |      | 402-28171 | WASHER                         | 平座金          | 4   |
| 34     |      | 402-34420 | BELT RETURN STOPPER            | ベルト戻りストッパー   | 1   |
| 35     |      | 402-34421 | SCREW                          | ねじ           | 1   |
| 36     |      | 402-34422 | SUPPORT SCREW                  | サポートねじ       | 1   |
| 37     |      | 402-28366 | NUT                            | ナット          | 2   |
| 38     |      | 402-34423 | SUPPORT SCREW CONNECTION PLATE | サポートねじ接続プレート | 1   |
| 39     |      | 402-28664 | Y_FEED_R_ASM                   | Y送りR (組)     | 1   |
| 40     |      | 402-28665 | Y_FEED_L_ASM                   | Y送りL (組)     | 1   |
| 41     |      | 402-34424 | MODULE_PLATE                   | モジュールプレート    | 4   |
| 42     |      | 402-28495 | MODULE_RAISING_PLATE           | モジュール引き上げ板   | 4   |
| 43     |      | 402-34425 | SCREW                          | ねじ           | 8   |
| 44     |      | 402-28598 | SPRING_WASHER                  | ばね座金         | 8   |
| 45     |      | 402-34399 | WASHER                         | 平座金          | 8   |
| 46     |      | 402-28150 | SPRING_WASHER                  | ばね座金         | 4   |

# 10. Y RIGHT LINEAR MODULE UNIT COMPONENTS

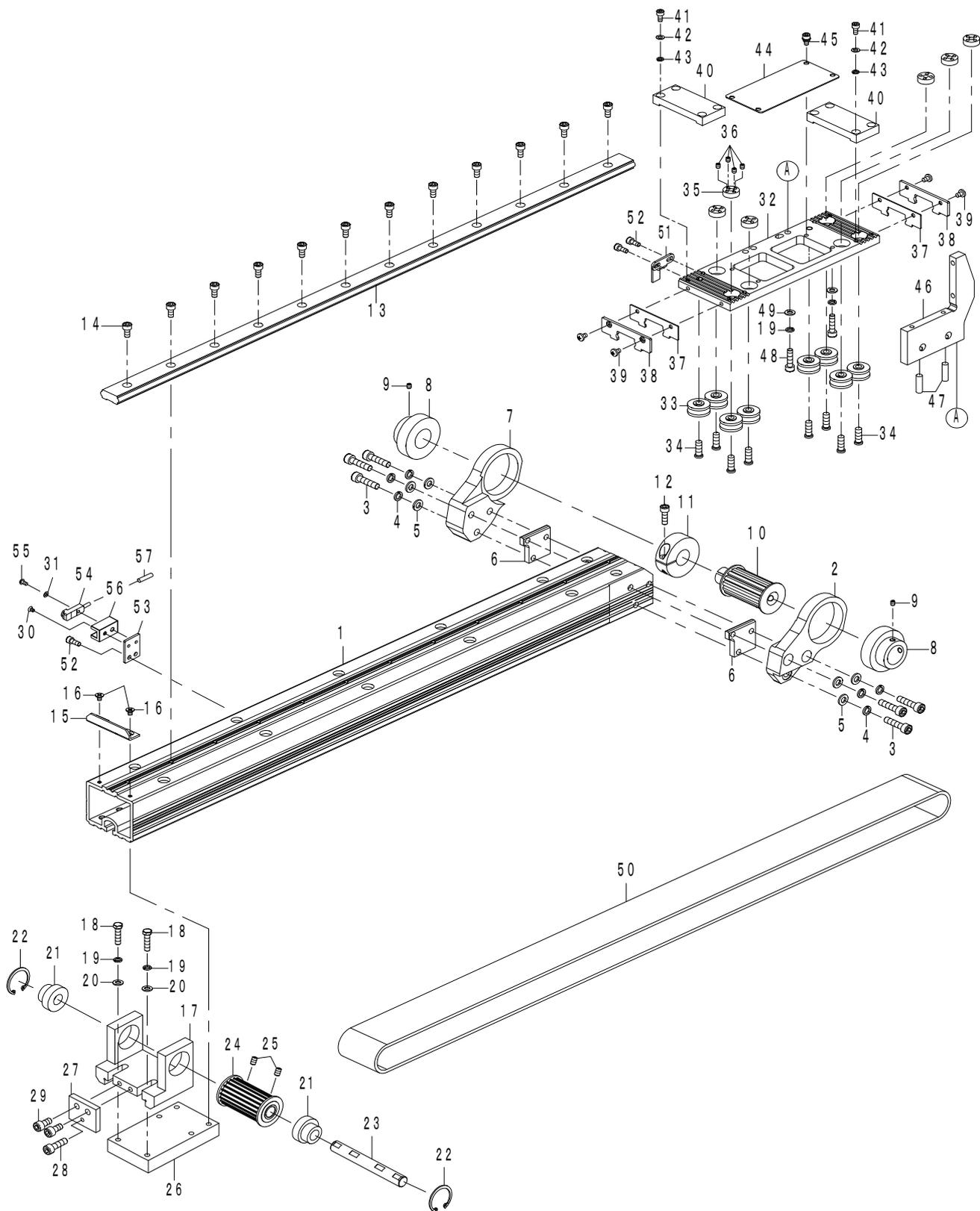
Y 軸右リニアモジュール部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                             | 品名              | Qty |
|--------|------|-----------|---|-----------------|-----|
| 1      |      | 402-28666 | Y_RIGHT_LINEAR_MODULE_BED               | Y右リニアモジュール ベッド  | 1   |
| 2      |      | 402-28667 | Y_REAR_RIGHT_BEARING_CUSHION            | Y後右ベアリング座       | 1   |
| 3      |      | 402-34413 | SCREW                                   | ねじ              | 6   |
| 4      |      | 402-34553 | SPRING_WASHER                           | ばね座金            | 6   |
| 5      |      | 402-34554 | WASHER                                  | 平座金             | 6   |
| 6      |      | 402-34437 | Y_REAR_BEARING_CUSHION_CONNECTING_PLATE | Y後ベアリング座連結板     | 2   |
| 7      |      | 402-28668 | Y_REAR_LEFT_BEARING_CUSHION             | Y後左ベアリング座       | 1   |
| 8      |      | 402-28496 | BEARING                                 | ベアリング           | 2   |
| 9      |      | 402-28072 | SCREW                                   | ねじ              | 4   |
| 10     |      | 402-28669 | Y_MOTOR_SPROCKET                        | Yモータスプロケット      | 1   |
| 11     |      | 402-34440 | Y_MOTOR_PULLEY_BOLD_FUP                 | Yモーターリポールドフープ   | 1   |
| 12     |      | 402-34425 | SCREW                                   | ねじ              | 1   |
| 13     |      | 402-28760 | Y_FEED_GUIDE_RAIL                       | Y送りガイドレール       | 1   |
| 14     |      | 402-28498 | SCREW                                   | ねじ              | 12  |
| 15     |      | 402-28499 | GUIDE_RAIL_BAFFLE                       | ガイドレールバッフル      | 1   |
| 16     |      | 402-28511 | SCREW                                   | ねじ              | 2   |
| 17     |      | 402-28769 | Y_REAR_BEARING_CUSHION                  | Y軸ベアリング固定台      | 1   |
| 18     |      | 403-15239 | SCREW                                   | ねじ              | 2   |
| 19     |      | 402-28598 | SPRING_WASHER                           | ばね座金            | 4   |
| 20     |      | 402-28171 | WASHER                                  | 平座金             | 2   |
| 21     |      | 402-87138 | BEARING                                 | ベアリング           | 2   |
| 22     |      | 402-28501 | E_RING                                  | E形止め輪           | 2   |
| 23     |      | 402-87139 | Y_SWING_TIMING_BELT_WHEEL_AXIS          | Y伝動タイミングベルト輪軸   | 1   |
| 24     |      | 402-28671 | Y_SWING_TIMING_SPROCKET                 | Y伝動タイミングスプロケット  | 1   |
| 25     |      | 402-28089 | SCREW                                   | ねじ              | 2   |
| 26     |      | 402-34444 | Y_FRONT_BEARING_SEAT_SIDEWAYS_MASS      | Y前ベアリング座横向固定塊   | 1   |
| 27     |      | 402-34446 | Y_FRONT_BEARING_BLOCK                   | Y前ベアリングブロック     | 1   |
| 28     |      | 402-34552 | SCREW                                   | ねじ              | 1   |
| 29     |      | 402-68657 | SCREW                                   | ねじ              | 2   |
| 30     |      | 402-34399 | WASHER                                  | 平座金             | 2   |
| 31     |      | 402-82445 | Y_TIMING_BELT_13085                     | Y軸タイミングベルト13085 | 1   |
| 32     |      | 402-34448 | Y_RIGHT_SLIDE                           | Y右滑り台           | 1   |
| 33     |      | 402-28505 | Y_BEARING                               | Y向ベアリング         | 8   |
| 34     |      | 402-28506 | SCREW                                   | ねじ              | 8   |
| 35     |      | 402-28507 | Y_BEARING_ADJUST_MASS                   | Yベアリング調節塊       | 6   |
| 36     |      | 402-28508 | SCREW                                   | ねじ              | 24  |
| 37     |      | 402-28509 | FORT                                    | ファルト            | 2   |
| 38     |      | 402-28512 | DUST_BAFFLE                             | 防ぐ塵バッフル         | 2   |
| 39     |      | 402-34449 | SCREW                                   | ねじ              | 4   |
| 40     |      | 402-34450 | Y_TIMING_BELT_PLATE                     | Y向タイミングベルトプレート  | 2   |
| 41     |      | 402-34451 | SCREW                                   | ねじ              | 8   |
| 42     |      | 402-34452 | SPRING_WASHER                           | ばね座金            | 8   |
| 43     |      | 402-28541 | WASHER                                  | 平座金             | 8   |
| 44     |      | 402-34453 | Y_SLIDE_COVER                           | Y向滑り台カバー        | 1   |
| 45     |      | 402-34454 | SCREW                                   | ねじ              | 4   |
| 46     |      | 402-34455 | X_MODULE_SUPPORT                        | X向モジュール支え       | 1   |
| 47     |      | 402-34456 | SUPPORT_CUSHION_CYLINDER_PIN            | 支え座円柱ピン         | 2   |
| 48     |      | 402-28185 | SCREW                                   | ねじ              | 2   |

# 11. Y LEFT LINEAR MODULE UNIT COMPONENTS

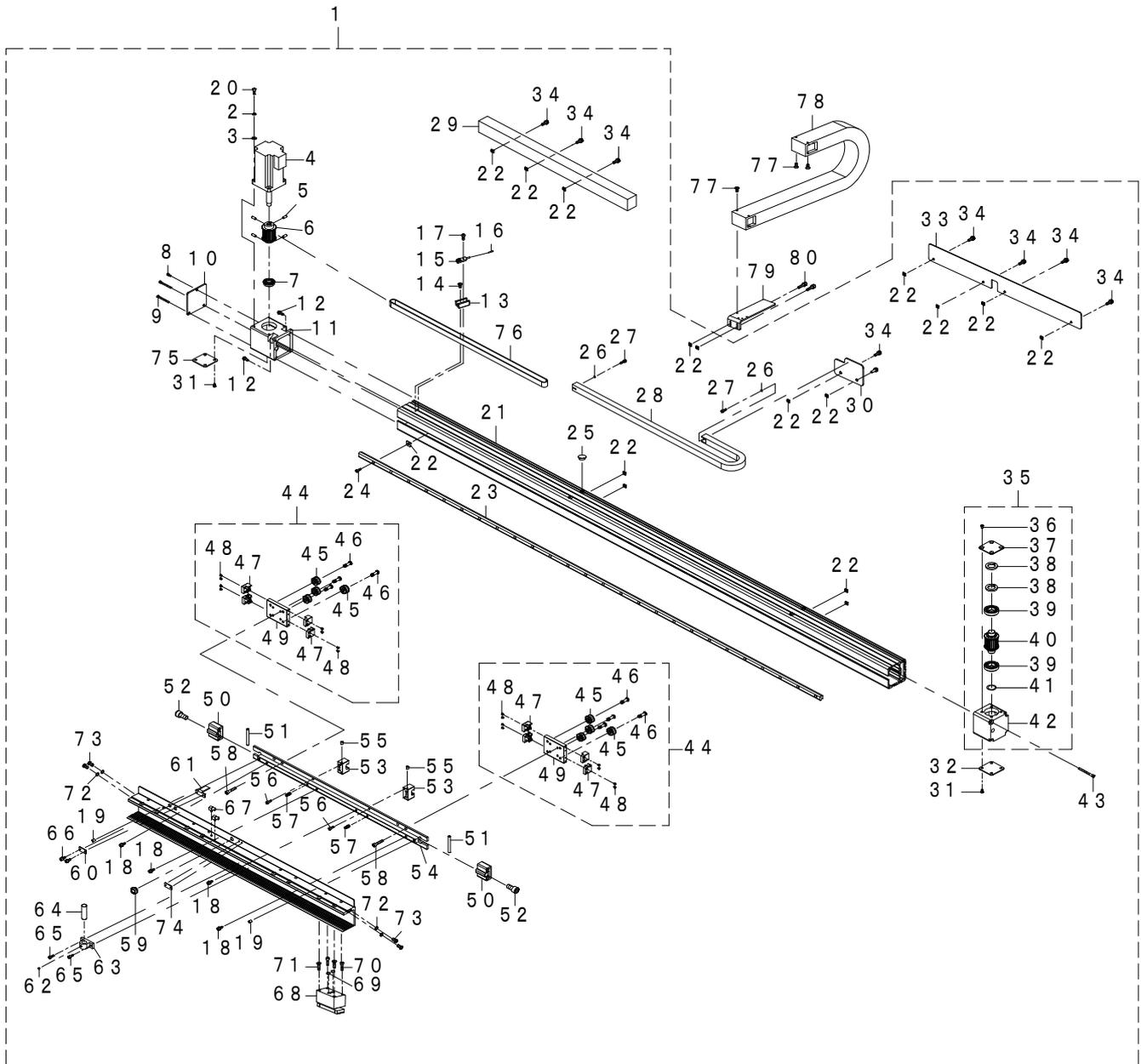
Y 軸左リニアモジュール部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                             | 品名              | Qty |
|--------|------|-----------|---|-----------------|-----|
| 1      |      | 402-28666 | Y_LINEAR_MODULE_BED                     | Yリニアモジュールベッド    | 1   |
| 2      |      | 402-28667 | Y_REAR_RIGHT_BEARING_CUSHION            | Y後右ベアリング座       | 1   |
| 3      |      | 402-34413 | SCREW                                   | ねじ              | 6   |
| 4      |      | 402-34435 | SPRING_WASHER                           | ばね座金            | 6   |
| 5      |      | 402-34436 | WASHER                                  | 平座金             | 6   |
| 6      |      | 402-34437 | Y_REAR_BEARING_CUSHION_CONNECTING_PLATE | Y後ベアリング座連結板     | 2   |
| 7      |      | 402-28668 | Y_REAR_LEFT_BEARING_CUSHION             | Y後左ベアリング座       | 1   |
| 8      |      | 402-28496 | BEARING                                 | ベアリング           | 2   |
| 9      |      | 402-28072 | SCREW                                   | ねじ              | 4   |
| 10     |      | 402-28669 | Y_MOTOR_PULLEY                          | Yモータプーリ         | 1   |
| 11     |      | 402-34440 | Y_MOTOR_PULLEY_BOLD_FUP                 | Yモータプーリボールドフリップ | 1   |
| 12     |      | 402-34425 | SCREW                                   | ねじ              | 1   |
| 13     |      | 402-28760 | Y_FEED_GUIDE_RAIL                       | Y送りガイドレール       | 1   |
| 14     |      | 402-28498 | SCREW                                   | ねじ              | 12  |
| 15     |      | 402-28499 | GUIDE_RAIL_BAFFLE                       | ガイドレールバッフル      | 1   |
| 16     |      | 402-28511 | SCREW                                   | ねじ              | 2   |
| 17     |      | 402-28769 | Y_REAR_BEARING_CUSHION                  | Y軸ベアリング固定台      | 1   |
| 18     |      | 403-15239 | SCREW                                   | ねじ              | 2   |
| 19     |      | 402-28598 | SPRING_WASHER                           | ばね座金            | 4   |
| 20     |      | 402-28171 | WASHER                                  | 平座金             | 2   |
| 21     |      | 402-87138 | BEARING                                 | ベアリング           | 2   |
| 22     |      | 402-28501 | E_RING                                  | E形止め輪           | 2   |
| 23     |      | 402-87139 | Y_SWING_TIMING_BELT_WHEEL_AXIS          | Y伝動タイミングベルト輪軸   | 1   |
| 24     |      | 402-28671 | TIMING_BELT_WHEEL                       | タイミングベルト輪       | 1   |
| 25     |      | 402-28089 | SCREW                                   | ねじ              | 2   |
| 26     |      | 402-34444 | Y_FRONT_BEARING_SEAT_SIDEWAYS_          | Y前ベアリング座横向固定塊   | 1   |
| 27     |      | 402-34446 | Y_FRONT_BEARING_BLOCK                   | Y前ベアリングブロック     | 1   |
| 28     |      | 402-34552 | SCREW                                   | ねじ              | 1   |
| 29     |      | 402-68657 | SCREW                                   | ねじ              | 2   |
| 30     |      | 402-87675 | SCREW                                   | ねじ              | 1   |
| 31     |      | 402-68665 | WASHER                                  | 平座金             | 1   |
| 32     |      | 402-34434 | Y_LEFT_SLIDE                            | Y左滑り台           | 1   |
| 33     |      | 402-28505 | Y_BEARING                               | Yベアリング          | 8   |
| 34     |      | 402-28506 | SCREW                                   | ねじ              | 8   |
| 35     |      | 402-28507 | Y_BEARING_ADJUST_MASS                   | Yベアリング調節塊       | 6   |
| 36     |      | 402-28508 | SCREW                                   | ねじ              | 24  |
| 37     |      | 402-28509 | FORT                                    | ファルト            | 2   |
| 38     |      | 402-28512 | DUST_BAFFLE                             | 防ぐ塵バッフル         | 2   |
| 39     |      | 402-34449 | SCREW                                   | ねじ              | 4   |
| 40     |      | 402-34450 | Y_TIMING_BELT_PLATE                     | Y向タイミングベルトプレート  | 2   |
| 41     |      | 402-34451 | SCREW                                   | ねじ              | 8   |
| 42     |      | 402-34452 | SPRING_WASHER                           | ばね座金            | 8   |
| 43     |      | 402-28541 | WASHER                                  | 平座金             | 8   |
| 44     |      | 402-34453 | Y_SLIDE_COVER                           | Y滑り台カバー         | 1   |
| 45     |      | 402-34454 | SCREW                                   | ねじ              | 4   |
| 46     |      | 402-34455 | X_MODULE_SUPPORT_CUSHION                | Xモジュール支持座       | 1   |
| 47     |      | 402-34456 | CYLINDER_PIN                            | 円柱ピン            | 2   |
| 48     |      | 402-28185 | SCREW                                   | ねじ              | 2   |
| 49     |      | 402-34399 | WASHER                                  | 平座金             | 2   |
| 50     |      | 402-82445 | Y_TIMING_BELT_13085                     | Y軸タイミングベルト13085 | 1   |
| 51     |      | 402-82431 | Y_SENSOR_PLATE                          | Yセンサー検知板        | 1   |
| 52     |      | 402-28489 | SCREW                                   | ねじ              | 4   |
| 53     |      | 402-82429 | Y_SENSOR_PLATE                          | Yセンサー取付板        | 1   |
| 54     |      | 402-91755 | POSITION_SENSOR                         | 接近センサー          | 1   |
| 55     |      | 402-82436 | SCREW                                   | ねじ              | 1   |
| 56     |      | 402-82427 | X_SENSOR_BLOCK                          | Xセンサー取付ブロック     | 1   |
| 57     |      | 402-81440 | SENSOR_RELAY_CABLE                      | センサ中継ケーブル       | 1   |

# 12. X TO SHELL COMPONENTS

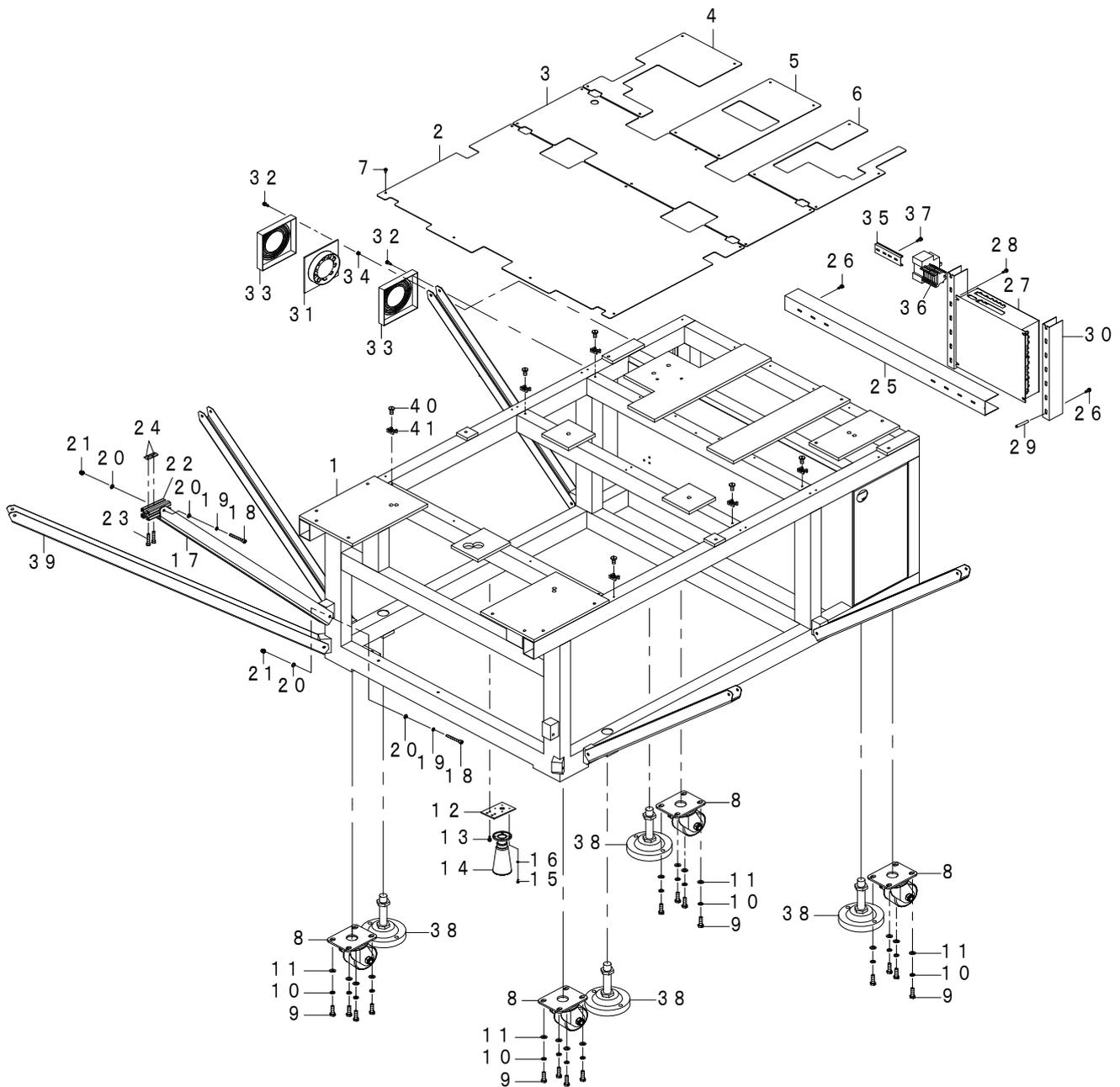
X 軸外裝部品關係



| REF.NO | NOTE | PART NO   | DESCRIPTION                   | 品 名               | Qty     |
|--------|------|-----------|-------------------------------|-------------------|---------|
| 1      |      | 403-04659 | X_LINEAR_MODULE_BED(NEW_TYPE) | Xリニアモジュールベッド (新型) | 1       |
| 2      |      | 402-34399 | WASHER                        | 平座金               | (4)     |
| 3      |      | 402-28598 | SPRING_WASHER                 | ばね座金              | (4)     |
| 4      |      | 403-13474 | X_FEEDER_MOTOR                | X送りモータ            | (1)     |
| 5      |      | 402-28126 | SCREW                         | ねじ                | (4)     |
| 6      |      | 402-34471 | X_MOTOR_TIMING_PULLEY         | X伝動タイミングスプロケット    | (1)     |
| 7      |      | 402-28682 | BEARING_13085                 | ベアリング             | (1)     |
| 8      |      | 402-68660 | SCREW                         | ねじ                | (1)     |
| 9      |      | 402-68661 | SCREW                         | ねじ                | (2)     |
| 10     |      | 402-68662 | MOTOR_COVER                   | モータカバー            | (1)     |
| 11     |      | 402-68663 | X_MOTOR_BASE                  | Xモータベース           | (1)     |
| 12     |      | 402-83789 | SCREW                         | ねじ                | (2)     |
| 13     |      | 402-82427 | X_SENSOR_BLOCK                | Xセンサー取付ブロック       | (1)     |
| 14     |      | 402-88862 | SCREW                         | ねじ                | (1)     |
| 15     |      | 402-91755 | POSITION_SENSOR               | 接近センサー            | (1)     |
| 16     |      | 402-81440 | SENSOR_RELAY_CABLE??          | センサ中継ケーブル         | (1)     |
| 17     |      | 402-82436 | SCREW                         | ねじ                | (1)     |
| 18     |      | 402-28718 | SCREW                         | ねじ                | (4)     |
| 19     |      | 403-01263 | SCREW                         | ねじ                | (2)     |
| 20     |      | 402-34425 | SCREW                         | ねじ                | (4)     |
| 21     |      | 402-28246 | X_ALUMINUM_FRAME              | X向アルミフレーム         | (1)     |
| 22     |      | 402-68668 | NUT                           | ナット               | (47)    |
| 23     |      | 402-68669 | X_FEED_GUIDE_RAIL             | X送りガイドレール         | (1)     |
| 24     |      | 402-28065 | SCREW                         | ねじ                | (32)    |
| 25     |      | 402-28009 | 12_RUBBER_PLUG                | 12 ゴム栓            | (4)     |
| 26     |      | 402-34514 | WASHER                        | 座金                | (2)     |
| 27     |      | 402-34513 | SCREW                         | ねじ                | (2)     |
| 28     |      | 402-68670 | X_CABLE_LANES                 | Xケーブルレーン          | (1)     |
| 29     |      | 402-68773 | 25X50_DUCT                    | 25 X 50ダクト        | (0.79)  |
| 30     |      | 402-87681 | X_CABLE_BASE_UP_PLATE_SMALLER | Xケーブルベース止め板小      | (1)     |
| 31     |      | 402-28090 | SCREW                         | ねじ                | (8)     |
| 32     |      | 402-68672 | BEARING_COVER                 | ベアリングカバー          | (1)     |
| 33     |      | 402-87680 | X_CABLE_BASE_UP_PLATE_LARGER  | Xケーブルベース止め板大      | (1)     |
| 34     |      | 402-34457 | SCREW                         | ねじ                | (9)     |
| 35     |      | 402-68771 | X_FIXED_CUSHION_ASSY_R        | X右固定座組            | (1)     |
| 36     |      | 402-28090 | SCREW                         | ねじ                | (4)     |
| 37     |      | 402-68672 | BEARING_COVER                 | ベアリングカバー          | (1)     |
| 38     |      | 402-68673 | WASHER                        | 座金                | (1)     |
| 39     |      | 402-68674 | BEARING                       | ベアリング             | (2)     |
| 40     |      | 402-68675 | X_SWING_TIMING_PULLEY         | X向伝動タイミングプーリ      | (1)     |
| 41     |      | 402-68676 | C_RING                        | C形止め輪             | (1)     |
| 42     |      | 402-28245 | X_RIGHT_FIXED_CUSHION         | X向右固定座            | (1)     |
| 43     |      | 402-68677 | SCREW                         | ねじ                | (4)     |
| 44     |      | 402-68757 | X_SLIDE_ASSY                  | Xスライド組            | (2)     |
| 45     |      | 402-68753 | X_BEARING                     | Xベアリング            | (8)     |
| 46     |      | 402-68754 | SCREW                         | ねじ                | (8)     |
| 47     |      | 402-68755 | OIL_SEAL                      | オイルシール            | (8)     |
| 48     |      | 402-68756 | SCREW                         | ねじ                | (16)    |
| 49     |      | 402-68678 | X_SLIDE                       | Xスライド             | (2)     |
| 50     |      | 402-68758 | BELT_FIXED_BLOCK              | ベルト固定ブロック         | (2)     |
| 51     |      | 402-68759 | BELT_FIXED_PIN                | ベルト固定ピン           | (2)     |
| 52     |      | 402-68760 | SCREW                         | ねじ                | (2)     |
| 53     |      | 402-68761 | OIL_BLOCK                     | オイルブロック           | (2)     |
| 54     |      | 402-68762 | X_CYLINDER_LINK_PLATE         | Xシリンダーリンク板        | (1)     |
| 55     |      | 402-28508 | SCREW                         | ねじ                | (2)     |
| 56     |      | 402-34451 | SCREW                         | ねじ                | (4)     |
| 57     |      | 402-68869 | REFUEL_NOZZLE                 | 給油ノズル             | (2)     |
| 58     |      | 402-28183 | SCREW                         | 六角穴ボルト            | (8)     |
| 59     |      | 403-04661 | RUBBER_BUSH                   | ゴムブッシュ            | (1)     |
| 60     |      | 403-04662 | X_SENSOR_PLATE                | Xセンサー取付板          | (1)     |
| 61     |      | 403-04663 | X_SENSOR_CHECK_PLATE          | Xセンサー検知板          | (1)     |
| 62     |      | 402-34086 | SCREW                         | ねじ                | (1)     |
| 63     |      | 402-68765 | STOPPER_METAL                 | ストッパメタル           | (1)     |
| 64     |      | 402-68766 | X_STOPPER                     | Xストッパ             | (1)     |
| 65     |      | 402-28183 | SCREW                         | 六角穴ボルト            | (2)     |
| 66     |      | 402-34454 | SCREW                         | ねじ                | (2)     |
| 67     |      | 402-28219 | WASHER                        | 平座金               | (2)     |
| 68     |      | 403-04664 | CLAMP_CLYINDER                | クランプシリンダー         | (4)     |
| 69     |      | 403-04665 | O_RING                        | Oリング              | (8)     |
| 70     |      | 402-86809 | SCREW                         | ねじ                | (8)     |
| 71     |      | 403-04666 | SCREW                         | ねじ                | (8)     |
| 72     |      | 403-04667 | WASHER                        | 座金                | (4)     |
| 73     |      | 403-04668 | SCREW                         | ねじ                | (4)     |
| 74     |      | 403-04669 | CABLE_LANE_PLATE              | ケーブルレーン取付板        | (1)     |
| 75     |      | 402-68772 | MOTOR_LOWER_COVER             | モータ下カバー           | (1)     |
| 76     |      | 402-28746 | TIMING_BELT_2150              | タイミングベルト          | (3.625) |
| 77     |      | 402-68642 | SCREW                         | ねじ                | 4       |
| 78     |      | 402-82352 | CABLE_LANES_Y                 | ケーブルレーンY          | 1       |
| 79     |      | 402-28522 | CABLE_LANES_LOWER_PILLAR      | ケーブルレーン下支柱        | 1       |
| 80     |      | 402-34469 | SCREW                         | ねじ                | 2       |

### 13. PACK UNIT COMPONENTS

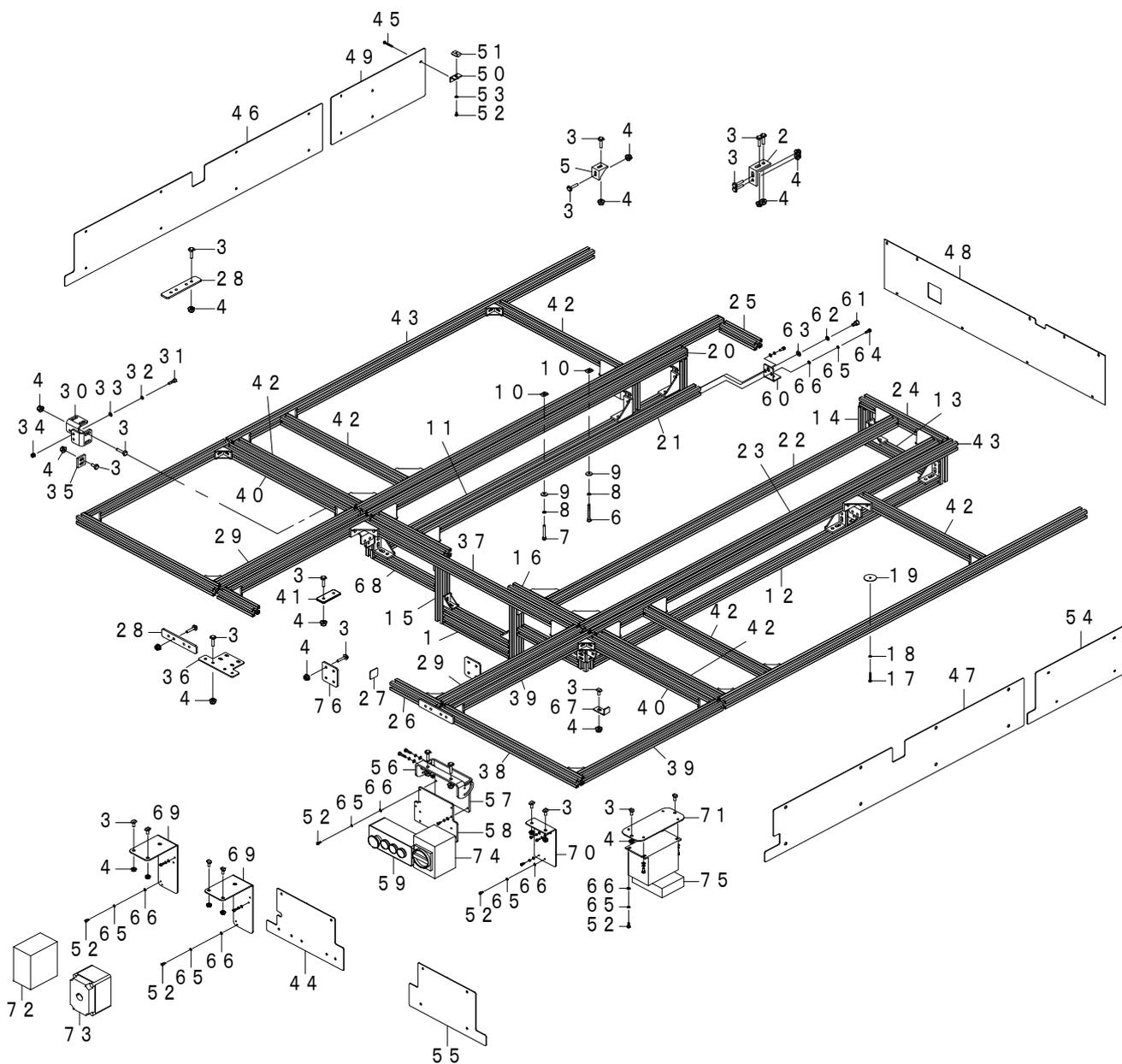
筐体部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION              | 品名        | Qty |
|--------|------|-----------|--------------------------|-----------|-----|
| 1      |      | 402-34505 | AIRFRAME                 | 機架        | 1   |
| 2      |      | 402-34506 | TABLE_FRONT_COVER        | テーブル前カバー  | 1   |
| 3      |      | 402-34507 | TABLE_MIDDLE_COVER       | テーブル中カバー  | 1   |
| 4      |      | 402-34508 | TABLE_REAR_LEFT_COVER    | 左後部カバー    | 1   |
| 5      |      | 402-34509 | TABLE_REAR_MIDDLE_COVER  | テーブル後左カバー | 1   |
| 6      |      | 402-34510 | TABLE_REAR_RIGHT_COVER   | テーブル後右カバー | 1   |
| 7      |      | 402-68630 | SCREW                    | ねじ        | 25  |
| 8      |      | 402-68627 | CASTER                   | キャスター     | 4   |
| 9      |      | 402-68628 | SCREW                    | ねじ        | 16  |
| 10     |      | 402-34576 | SPRING WASHER            | ばね座金      | 16  |
| 11     |      | 402-34511 | WASHER                   | 平座金       | 16  |
| 12     |      | 402-34512 | OIL DRAIN MOUNTING PLATE | 油抜き取付板    | 1   |
| 13     |      | 402-28489 | SCREW                    | ねじ        | 4   |
| 14     |      | 402-28553 | OIL DRAIN                | 油抜き       | 1   |
| 15     |      | 402-34513 | SCREW                    | ねじ        | 4   |
| 16     |      | 402-34514 | WASHER                   | 座金        | 4   |
| 17     |      | 402-34515 | SUPPORT STEEL            | サポートスチール  | 6   |
| 18     |      | 402-34516 | SCREW                    | ねじ        | 12  |
| 19     |      | 402-34435 | SPRING WASHER            | ばね座金      | 12  |
| 20     |      | 402-34436 | WASHER                   | 平座金       | 12  |
| 21     |      | 402-34517 | NUT                      | ナット       | 12  |
| 22     |      | 402-34518 | ADJUSTING ALUMINUM       | 調整アルミニウム  | 6   |
| 23     |      | 402-34519 | SCREW                    | ねじ        | 12  |
| 24     |      | 402-34520 | NUT                      | ナット       | 12  |
| 25     |      | 402-34521 | WIRE GUIDE               | ワイヤーガイド   | 1   |
| 26     |      | 402-34522 | SCREW                    | ねじ        | 8   |
| 27     |      | 403-13581 | ELECTRIC_CONTROL_BOX     | 電装ボックス    | 1   |
| 28     |      | 402-34522 | SCREW                    | ねじ        | 4   |
| 29     |      | 402-34523 | MOUNTING PLATE SHAFT     | 取付板軸      | 2   |
| 30     |      | 402-28552 | WIRE GUIDE               | ワイヤーガイド   | 2   |
| 31     |      | 402-28271 | FAN                      | ファン       | 1   |
| 32     |      | 402-34524 | SCREW                    | ねじ        | 4   |
| 33     |      | 402-28270 | FAN COVER                | ファンカバー    | 2   |
| 34     |      | 402-34525 | NUT                      | ナット       | 4   |
| 35     |      | 402-34526 | AIR SWITCH               | エアスイッチ    | 1   |
| 36     |      | 402-34527 | TERMINAL BLOCK           | 端子台       | 1   |
| 37     |      | 402-34087 | SCREW                    | ねじ        | 2   |
| 38     |      | 403-13498 | ADJUSTER                 | アジャスター    | 4   |
| 39     |      | 403-13538 | TABLE_SUPPORTER          | テーブルサポーター | 2   |
| 40     |      | 402-68810 | SCREW                    | ねじ        | 6   |
| 41     |      | 402-28034 | FIXING_PLATE             | 固定用プレート   | 6   |

# 14. FRAME CONNECTION ALUMINUM PARTS COMPONENTS

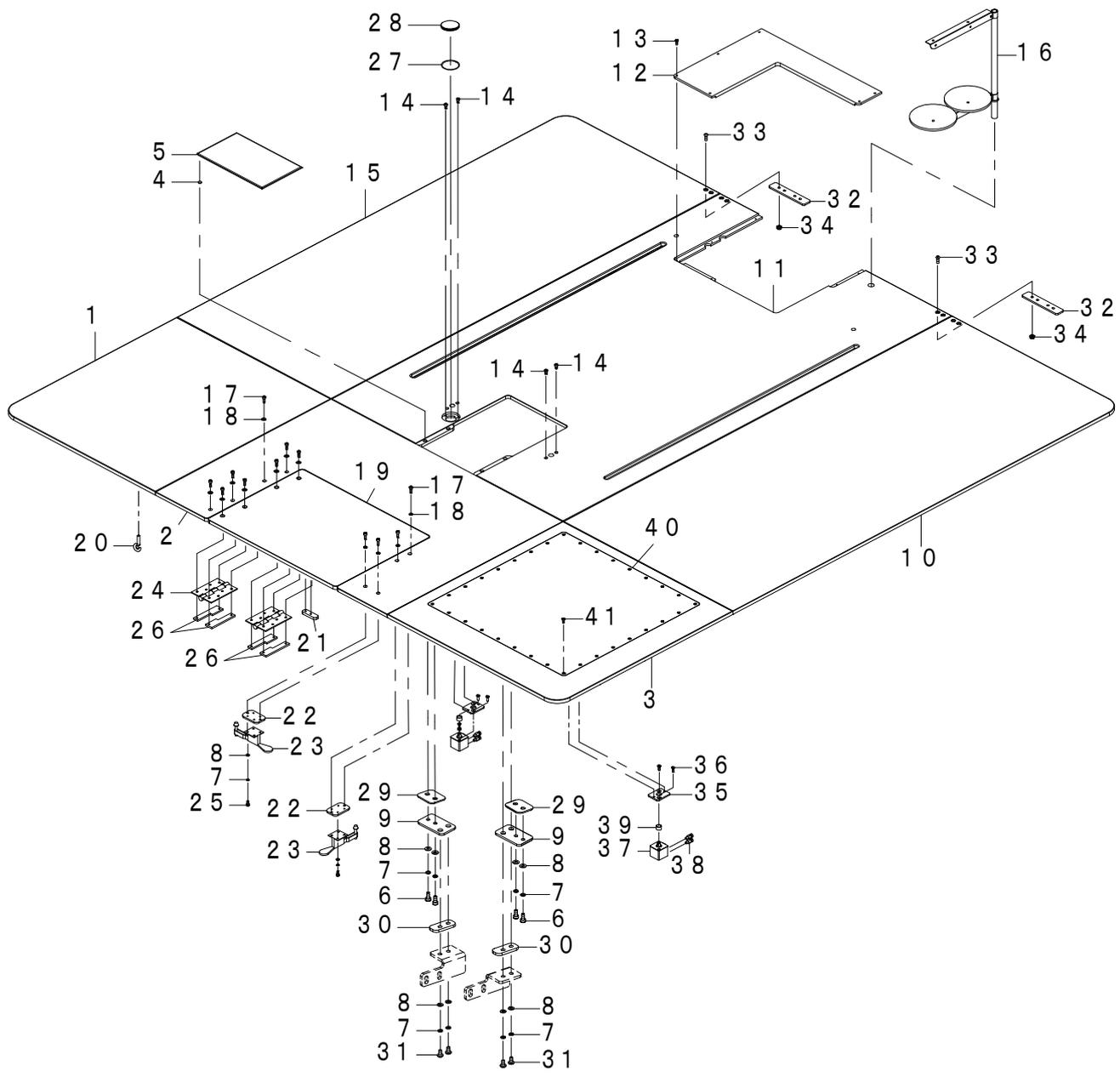
筐体連結アルミフレーム部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                              | 品名            | Qty |
|--------|------|-----------|--|---------------|-----|
| 1      |      | 403-13539 | ALUMINUM FRAME                           | アルミフレーム       | 2   |
| 2      |      | 402-34530 | ALUMINUM ANGLE                           | アルミアングル       | 23  |
| 3      |      | 402-28363 | SCREW                                    | ねじ            | 228 |
| 4      |      | 402-28366 | NUT M6                                   | ナット M6        | 228 |
| 5      |      | 402-34531 | ALUMINUM ANGLE                           | アルミアングル       | 25  |
| 6      |      | 402-34532 | SCREW                                    | ねじ            | 5   |
| 7      |      | 402-34533 | SCREW                                    | ねじ            | 9   |
| 8      |      | 402-34435 | SPRING WASHER                            | ばね座金          | 14  |
| 9      |      | 402-34534 | WASHER                                   | 平座金           | 14  |
| 10     |      | 402-34535 | SLIDER NUT M6                            | スライダーナット M6   | 52  |
| 11     |      | 402-34536 | LEFT CONNECTED ALUMINUM FRAME            | 左連結アルミフレーム    | 1   |
| 12     |      | 402-34537 | RIGHT CONNECTED ALUMINUM FRAME           | 右連結アルミフレーム    | 1   |
| 13     |      | 402-34538 | REAR ALUMINUM FRAME                      | 後アルミフレーム      | 1   |
| 14     |      | 402-34539 | VERTICALLY CONNECTED ALUMINUM FRAME      | 垂直連結アルミフレーム   | 5   |
| 15     |      | 403-13540 | ALUMINUM FRAME                           | アルミフレーム       | 2   |
| 16     |      | 402-34541 | ALUMINUM FRAME PLATE                     | アルミフレームプレート   | 2   |
| 17     |      | 402-34534 | SCREW                                    | ねじ            | 117 |
| 18     |      | 402-28541 | WASHER                                   | 平座金           | 117 |
| 19     |      | 402-28362 | RUBBER WASHER                            | ゴム座金          | 117 |
| 20     |      | 402-34542 | LEFT OUTER CONNECTION ALUMINUM FRAME     | 左外連結アルミフレーム   | 1   |
| 21     |      | 402-34543 | CENTER LEFT ALUMINUM FRAME               | 左中央連結アルミフレーム  | 1   |
| 22     |      | 402-34544 | RIGHT CENTER CONNECTION ALUMINUM FRAME   | 右中央連結アルミフレーム  | 1   |
| 23     |      | 402-34545 | RIGHT OUTER CONNECTION ALUMINUM FRAME    | 右外連結アルミフレーム   | 1   |
| 24     |      | 402-34546 | REAR RIGHT CONNECTED ALUMINUM FRAME      | 後右連結アルミフレーム   | 1   |
| 25     |      | 402-34547 | LEFT CONNECTED ALUMINUM FRAME            | 左連結アルミフレーム    | 1   |
| 26     |      | 402-34548 | FRONT FIXED PLATE ALUMINUM FRAME         | 前固定板アルミフレーム   | 2   |
| 27     |      | 402-28554 | COVER                                    | カバー           | 8   |
| 28     |      | 402-34549 | ALUMINUM FRAME CONNECTING PLATE          | アルミフレーム連結板    | 6   |
| 29     |      | 402-34550 | LINKED ALUMINUM FRAME                    | 連結アルミフレーム     | 2   |
| 30     |      | 402-34551 | HINGE                                    | 蝶番            | 12  |
| 31     |      | 402-34552 | SCREW                                    | ねじ            | 12  |
| 32     |      | 402-34435 | SPRING WASHER                            | ばね座金          | 12  |
| 33     |      | 402-34436 | WASHER                                   | 平座金           | 12  |
| 34     |      | 402-34517 | NUT                                      | ナット           | 12  |
| 35     |      | 402-34556 | SUPPORT BLOCK                            | サポートブロック      | 6   |
| 36     |      | 402-34557 | STEEL FIXING PLATE                       | スチール固定板       | 2   |
| 37     |      | 402-34558 | LINKED ALUMINUM FRAME                    | 連結アルミフレーム     | 1   |
| 38     |      | 402-34559 | LEFT FRONT ALUMINUM FRAME                | 左前アルミフレーム     | 2   |
| 39     |      | 402-34560 | FRONT CENTER CONNECTION ALUMINUM FRAME   | 前中央連結アルミフレーム  | 4   |
| 40     |      | 402-34561 | LEFT CONNECTED ALUMINUM FRAME            | 左連結アルミフレーム    | 2   |
| 41     |      | 402-34562 | ALUMINUM FRAME FIXING PLATE              | アルミフレーム固定板    | 4   |
| 42     |      | 402-34561 | LEFT CONNECTED ALUMINUM FRAME            | 左連結アルミフレーム    | 6   |
| 43     |      | 402-34564 | LEFT AND RIGHT CONNECTION ALUMINUM FRAME | 左右連結アルミフレーム   | 4   |
| 44     |      | 403-13541 | FRAME_COVER_FRONT_LEFT                   | フレーム前左カバー     | 1   |
| 45     |      | 402-34522 | SCREW                                    | ねじ            | 48  |
| 46     |      | 402-34565 | LEFT COVER                               | 左カバー          | 1   |
| 47     |      | 402-34566 | RIGHT COVER                              | 右カバー          | 1   |
| 48     |      | 402-34567 | REAR COVER                               | 後カバー          | 1   |
| 49     |      | 402-34568 | LEFT REAR COVER                          | 左後カバー         | 1   |
| 50     |      | 402-34569 | FRONT COVER FIXING PLATE                 | フロントカバー固定板    | 1   |
| 51     |      | 402-28555 | SLIDER NUT M4                            | スライダーナット M4   | 1   |
| 52     |      | 402-34087 | SCREW                                    | ねじ            | 1   |
| 53     |      | 402-34571 | WASHER                                   | 平座金           | 3   |
| 54     |      | 402-34572 | RIGHT REAR COVER                         | 右後カバー         | 1   |
| 55     |      | 403-13542 | FRAME_COVER_FRONT_RIGHT                  | フレーム前右カバー     | 1   |
| 56     |      | 403-13543 | SWICH_ASSEMBLED_PLATE                    | スイッチ組付け板      | 1   |
| 57     |      | 403-13544 | SWICH_ASSEMBLED_PLATE                    | スイッチ組付け板      | 1   |
| 58     |      | 403-13510 | SWICH_ASSEMBLED_PLATE                    | スイッチ組付け板      | 1   |
| 59     |      | 402-72940 | LASER_SW                                 | レーザーSW        | 1   |
| 60     |      | 402-34423 | SUPPORT SCREW CONNECTION PLATE           | サポートねじ接続プレート  | 1   |
| 61     |      | 402-34575 | SCREW                                    | ねじ            | 1   |
| 62     |      | 402-34576 | SPRING WASHER                            | ばね座金          | 1   |
| 63     |      | 402-34511 | WASHER                                   | 平座金           | 1   |
| 64     |      | 402-28183 | SCREW                                    | ねじ            | 2   |
| 65     |      | 402-28598 | SPRING WASHER                            | ばね座金          | 2   |
| 66     |      | 402-28171 | WASHER                                   | 平座金           | 14  |
| 67     |      | 402-34577 | CABLE BLANK                              | ケーブルブランク      | 3   |
| 68     |      | 403-13540 | ALUMINUM FRAME                           | アルミフレーム       | 2   |
| 69     |      | 402-63270 | LASER_SWITCH_PLATE                       | レーザースイッチ取付板   | 2   |
| 70     |      | 402-81638 | SWITCH_INSTALLATION_BOARD                | 電源スイッチ取付板     | 1   |
| 71     |      | 402-80063 | BOBBIN_DEVICE_ASM_PLATE                  | 糸巻き装置組付け板     | 1   |
| 72     |      | 402-63260 | FREQUENCY CONVERTER                      | 変換器           | 1   |
| 73     |      | 402-80349 | KEY SWITCH                               | レーザー鍵の付いた電源SW | 1   |
| 74     |      | 402-87089 | SWITCH                                   | スイッチ          | 1   |
| 75     |      | 402-28356 | BOBBIN_DEVICE_ASM                        | 糸巻き装置(組)      | 1   |

# 15. PLATEN PARTS COMPONENTS

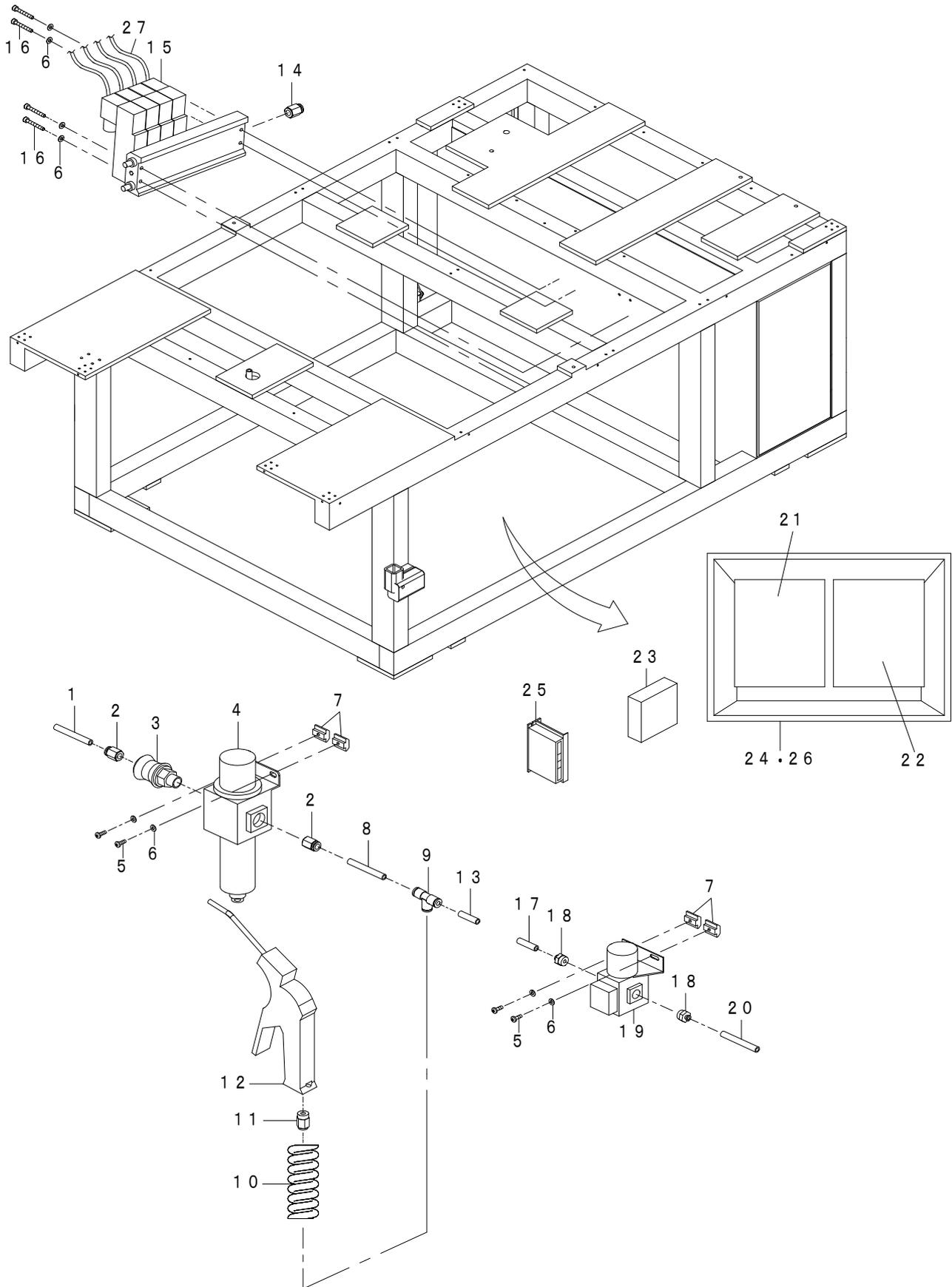
テーブル部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                      | 品名          | Qty |
|--------|------|-----------|----------------------------------|-------------|-----|
| 1      |      | 402-34578 | FRONT_LEFT_TABLE(13085)          | 前中テーブル左     | 1   |
| 2      |      | 402-34579 | FRONT_MIDDLE_TABLE               | 前固定中テーブル    | 1   |
| 3      |      | 403-13545 | TABLE_FRONT_RIGHT                | 前テーブル右      | 1   |
| 4      |      | 402-28234 | MAGNET                           | 磁石          | 4   |
| 5      |      | 402-28449 | CYLINDER_RASING_PLATE_ASM        | シリンダー引き上げ板組 | 1   |
| 6      |      | 402-35588 | SCREW                            | ねじ          | 4   |
| 7      |      | 402-34452 | SPRING_WASHER                    | ばね座金        | 8   |
| 8      |      | 402-34571 | WASHER                           | 平座金         | 8   |
| 9      |      | 402-28236 | TABLE_ADJUSTMENT_BOARD           | テーブル調節板     | 2   |
| 10     |      | 403-13546 | TABLE_RIGHT                      | 右テーブル       | 1   |
| 11     |      | 402-34583 | MEDIUM_TABLE                     | 中テーブル       | 1   |
| 12     |      | 402-34584 | REAR_TABLE                       | 後テーブル       | 1   |
| 13     |      | 402-34585 | SCREW                            | ねじ          | 6   |
| 14     |      | 402-28183 | SCREW                            | 六角穴ボルト      | 4   |
| 15     |      | 402-34586 | LEFT_TABLE                       | 左テーブル       | 1   |
| 16     |      | 402-28636 | THREAD_STAND                     | 糸立          | 1   |
| 17     |      | 402-34425 | SCREW                            | ねじ          | 12  |
| 18     |      | 402-28171 | SCREW                            | ねじ          | 12  |
| 19     |      | 402-28637 | SPIN_TABLE                       | 回転テーブル      | 1   |
| 20     |      | 402-28559 | HOOK                             | ねじ付きフック     | 1   |
| 21     |      | 402-28238 | TURNTABLE_FIXED_PLATE            | 回転盤固定板      | 2   |
| 22     |      | 402-28239 | ROTATING_TABLE_FIXING_PLATE      | 回転テーブル固定板   | 2   |
| 23     |      | 402-28240 | TABLE_ROTATION_CLAMP             | テーブル回転クランプ  | 2   |
| 24     |      | 402-28241 | TABLE_CLAMP                      | テーブルクランプ    | 2   |
| 25     |      | 402-34454 | SCREW                            | ねじ          | 8   |
| 26     |      | 403-13547 | HINGE_BASE_PLATE                 | 蝶番ベースプレート   | 4   |
| 27     |      | 402-28399 | LOWER_SUCTION_COVER_PLATE_MIDDLE | 下吸風中カバー     | 1   |
| 28     |      | 403-13548 | LOWER_SUCTION_COVER_PLATE_UPPER  | 下吸風上カバー     | 1   |
| 29     |      | 402-28244 | MEDIUM_TABLE_STOPPER             | 中テーブル栓      | 2   |
| 30     |      | 403-13824 | TABLE_AUXILIARY_CLAMP            | テーブル補助クランプ  | 2   |
| 31     |      | 402-34588 | TABLE_AUXILIARY_CLAMP            | テーブル補助クランプ  | 4   |
| 32     |      | 402-34549 | FIXED_PLATE                      | 固定板         | 2   |
| 33     |      | 402-34589 | SCREW                            | ねじ          | 8   |
| 34     |      | 402-28366 | NUT M6                           | ナット M6      | 8   |
| 35     |      | 402-34602 | CYLINDER_PLATE                   | シリンダー取付板    | 2   |
| 36     |      | 402-34425 | SCREW                            | ねじ          | 4   |
| 37     |      | 402-68647 | CYLINDER                         | シリンダ        | 2   |
| 38     |      | 402-28282 | JOINT                            | 継手          | 4   |
| 39     |      | 403-07290 | LIFT_BOSS                        | 持ち上げボス      | 2   |
| 40     |      | 403-13549 | UPPER_COVER                      | 上カバー        | 1   |
| 41     |      | 402-68510 | SCREW                            | 皿小ねじ        | 15  |

# 16. ELECTRICAL COMPONENTS

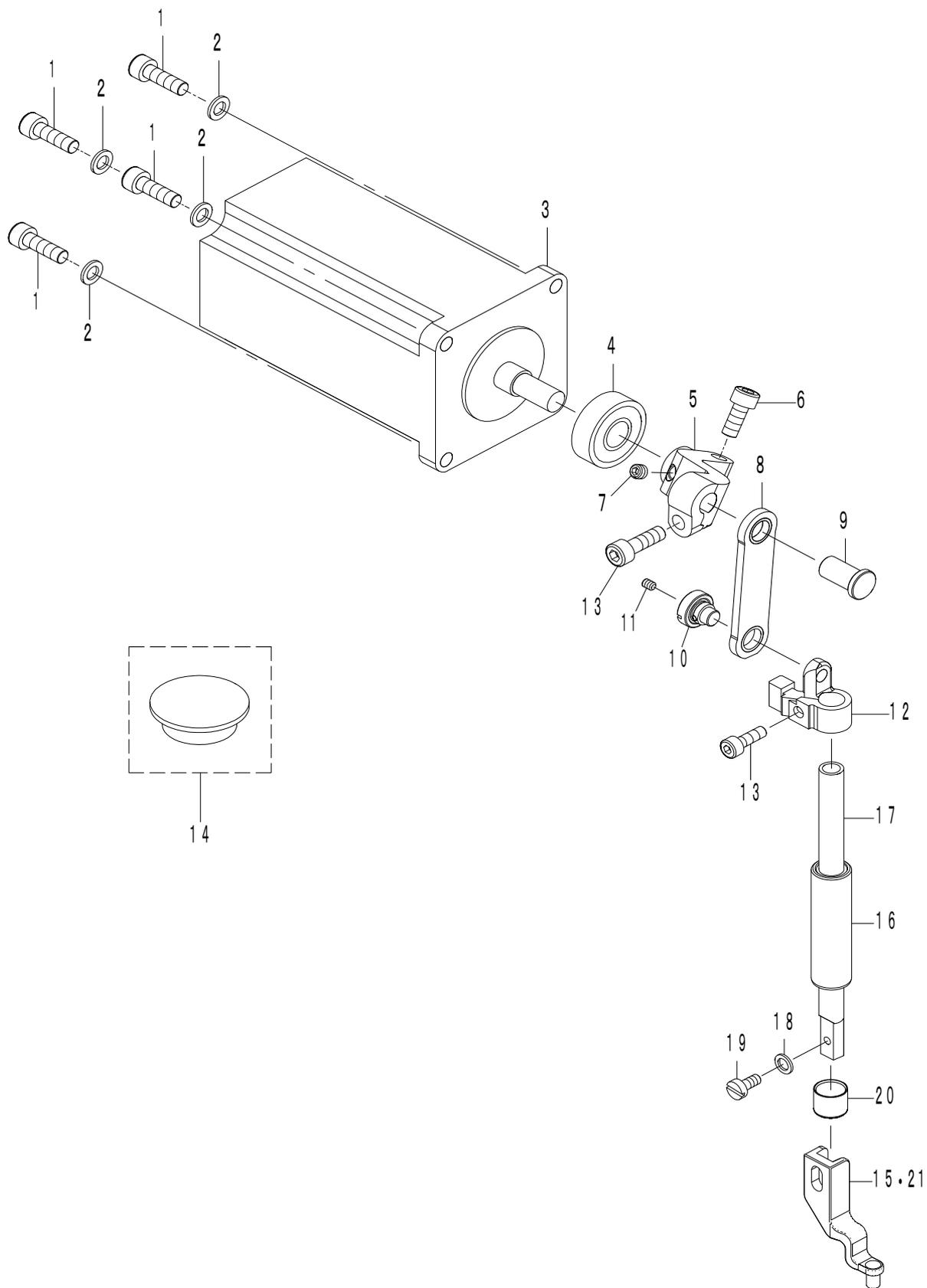
電気部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION   | 品名                     | Qty |
|--------|------|-----------|---|------------------------|-----|
| 1      |      | 402-68836 | TUBE  | チューブ                   | 2   |
| 2      |      | 402-28061 | JOINT   | 継手                     | 2   |
| 3      |      | 402-28059 | AIR_COCK  | エアコック                  | 1   |
| 4      |      | 402-28058 | REGULATOR   | レギュレータ                 | 1   |
| 5      |      | 403-13757 | SCREW   | ねじ                     | 4   |
| 6      |      | 402-34571 | WASHER  | 平座金                    | 6   |
| 7      |      | 402-28555 | NUT M4  | ナット M4                 | 4   |
| 8      |      | 402-68836 | TUBE  | チューブ                   | 1   |
| 9      |      | 402-28254 | Y UNION   | Yユニオン                  | 1   |
| 10     |      | 402-28255 | SPIRAL TUBE   | スパイラルチューブ              | 1   |
| 11     |      | 402-28256 | AIR GUN JOINT   | エアガン継手                 | 1   |
| 12     |      | 402-28257 | AIR GUN   | エアガン                   | 1   |
| 13     |      | 402-68836 | TUBE  | チューブ                   | 1   |
| 14     |      | 402-28256 | SOLENOID VALVE JOINT  | 電磁弁継手                  | 1   |
| 15     |      | 402-68857 | SOLENOID_VALVE  | 電磁弁                    | 1   |
| 16     |      | 402-34495 | SCREW   | ねじ                     | 4   |
| 17     |      | 402-34597 | TUBE  | チューブ                   | 1   |
| 18     |      | 402-28812 | UNION   | ユニオン                   | 2   |
| 19     |      | 402-34590 | PRESSURE REGULATING VALVE ASM   | 調圧バルブ(組)               | 1   |
| 20     |      | 402-34597 | TUBE  | チューブ                   | 1   |
| 21     |      | 403-13532 | PCB ASSY  | 基板組                    | 1   |
| 22     |      | 403-13533 | PCB ASSY  | 基板組                    | 1   |
| 23     |      | 402-28272 | SWITCH_POWER_SUPPLY   | スイッチ電源                 | 1   |
| 24     | #02  | 403-13581 | ELECTRIC_CONTROL_BOX  | 電装ボックス                 | 1   |
| 25     | #01  | 402-42580 | LOWER_KNIFE_MOTOR_DRIVER  | 駆動モータドライバー             | 1   |
| 26     | #01  | 403-13553 | ELECTRIC_CONTROL_BOX_SPIN_KNIFE   | 電装ボックス_回転メス            | 1   |
| 27     |      | 403-13467 | SOLENOID VALVE CABLE  | 電磁弁ケーブル                | 4   |
|        |      | NOTE(注記)  | #01....TYPE SPIN KNIFE<br>#02....STANDARD SPECIFICATIONS,<br>LASER SPECIFICATIONS | 回転メス仕様<br>標準仕様, レーザー仕様 |     |

# 17. ELECTRONIC PRESSER FOOT COMPONENTS

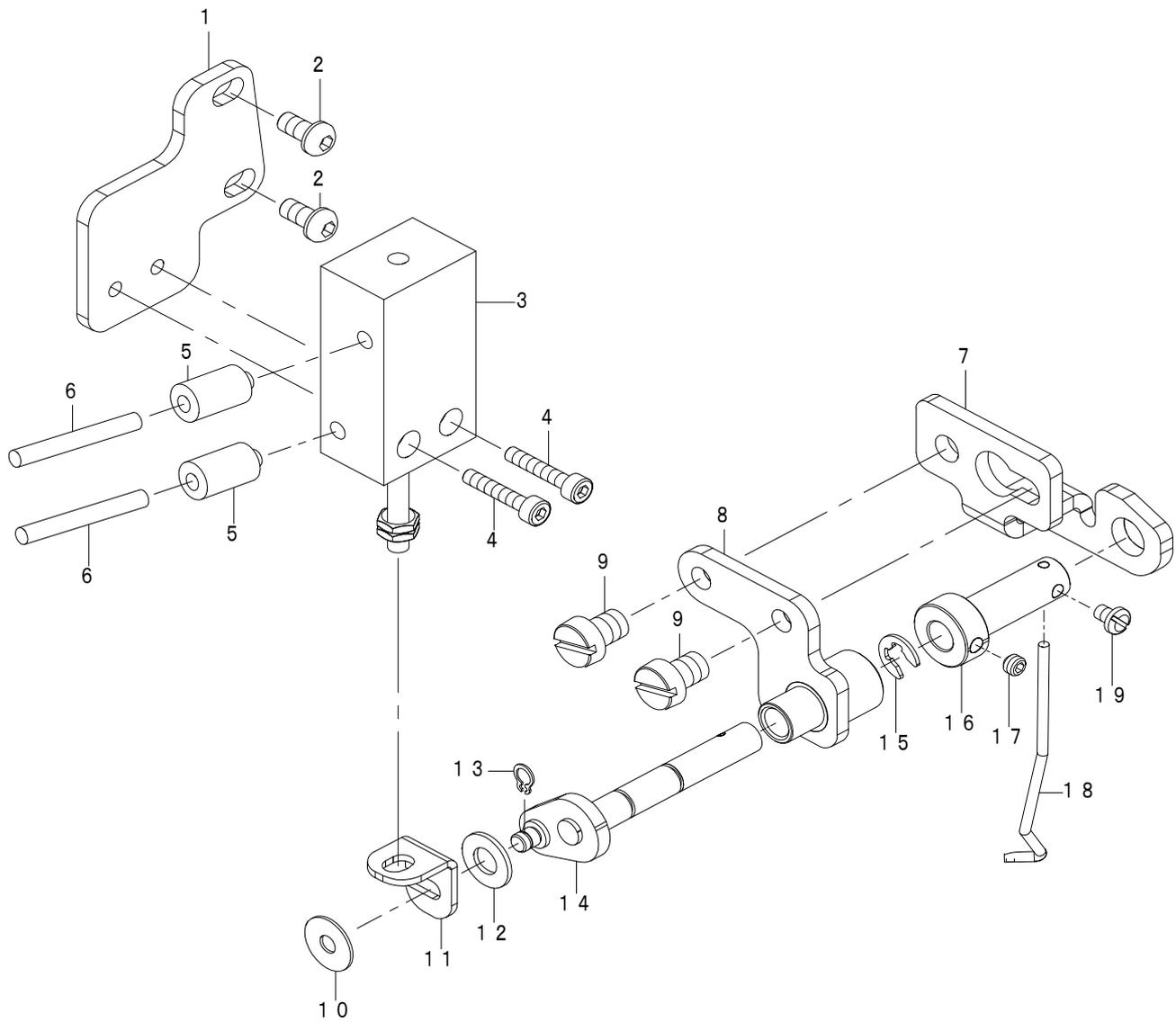
電子押え部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                    | 品名          | Qty |
|--------|------|-----------|--------------------------------|-------------|-----|
| 1      |      | 402-34425 | SCREW                          | ねじ          | 4   |
| 2      |      | 402-34399 | WASHER                         | 平座金         | 4   |
| 3      |      | 403-13515 | INTERMEDIATE_PRESSER_MOTOR     | 中押えモーター     | 1   |
| 4      |      | 402-28320 | BEARING                        | ベアリング       | 1   |
| 5      |      | 402-28324 | ELECTRONIC_HOLDING_ARM(26.5)   | 電子押え腕(26.5) | 1   |
| 6      |      | 402-28183 | SCREW                          | 六角穴ボルト      | 1   |
| 7      |      | 402-28720 | SCREW                          | ねじ          | 1   |
| 8      |      | 402-28327 | CONNECTION_PLATE_SET           | 連結板(組)      | 1   |
| 9      |      | 402-28329 | TRANSMISSION_SHAKING_ROD_PIN   | 中押え伝動揺棒ピン   | 1   |
| 10     |      | 403-13815 | SCREW                          | ねじ          | 1   |
| 11     |      | 402-34438 | SCREW                          | ねじ          | 1   |
| 12     |      | 402-28331 | ELECTRONIC_HOLDING_AND_HOLDING | 電子押え抱き      | 1   |
| 13     |      | 402-34451 | SCREW                          | ねじ          | 2   |
| 14     |      | 402-28334 | 13_RUBBER_PLUG                 | 13ゴム栓       | 1   |
| 15     | #01  | 402-28073 | INTERMEDIATE_PRESSER_D2.2      | 中押え D=2.2   | 1   |
| 16     |      | 402-28066 | PRESS_BUSHING                  | 押え棒メタル      | 1   |
| 17     |      | 402-28067 | PRESSER BAR                    | 押え棒         | 1   |
| 18     |      | 402-68522 | WASHER                         | 平座金         | 1   |
| 19     | ☆    | 402-28069 | SCREW                          | ねじ          | 1   |
| 20     |      | 402-28084 | PRESS_DUST_CASE                | 押え棒防塵ケース    | 1   |
| 21     | #02  | 402-28075 | INTERMEDIATE_PRESSER_D3.5      | 中押え D=3.5   | 1   |
|        |      | NOTE(注記)  | #01....TYPE S                  | S仕様         |     |
|        |      |           | #02....TYPE H                  | H仕様         |     |

## 18. WIPER CYLINDER COMPONENTS

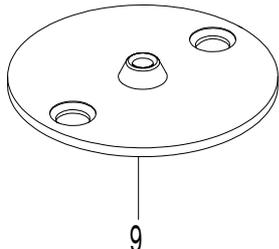
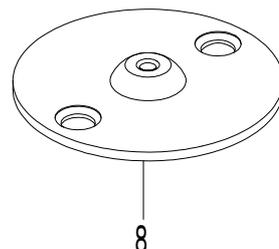
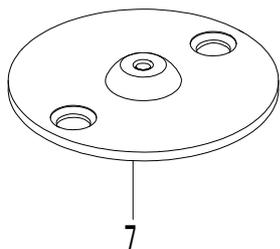
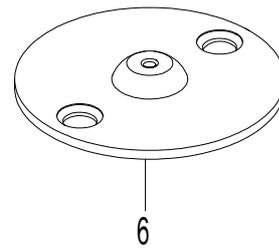
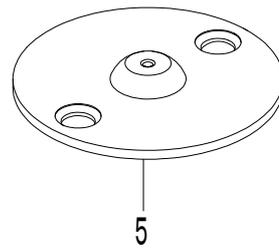
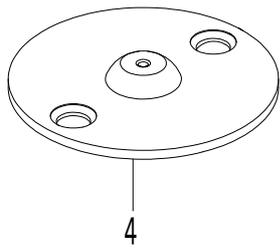
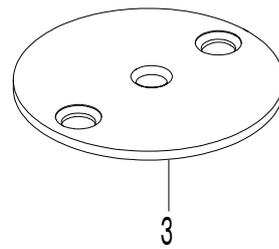
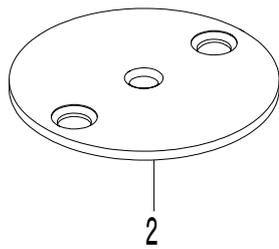
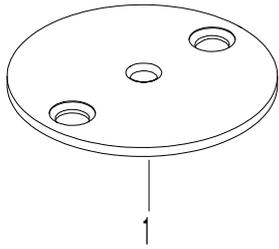
ワイパーシリンダー部品関係



| REF.NO | NOTE | PART NO   | DESCRIPTION                        | 品 名          | Qty |
|--------|------|-----------|------------------------------------|--------------|-----|
| 1      |      | 402-28303 | TIN_THREAD_CYLINDER_MOUNTING_PLATE | ワイパーシリンダー取付板 | 1   |
| 2      |      | 402-28065 | SCREW                              | ねじ           | 2   |
| 3      |      | 402-28304 | WIPER_CYLINDER                     | ワイパーシリンダー    | 1   |
| 4      |      | 402-28065 | SCREW                              | ねじ           | 2   |
| 5      |      | 402-28282 | JOINT                              | 継手           | 2   |
| 6      |      | 402-34597 | TUBE                               | チューブ         | 2   |
| 7      |      | 402-82602 | WIPER_ASM_PLATE                    | ワイパー組取付板     | 1   |
| 8      |      | 402-28305 | WIPER_SHAFT_BASE                   | ワイパー軸土台      | 1   |
| 9      |      | 402-68527 | SCREW                              | ねじ           | 2   |
| 10     |      | 402-28306 | WASHER                             | 平座金          | 1   |
| 11     |      | 402-28307 | WIPER_DRIVE_BEARING_PLATE          | ワイパー駆動軸受板    | 1   |
| 12     |      | 402-82665 | WASHER                             | 座金           | 1   |
| 13     |      | 402-28308 | THRUST                             | スラスト         | 1   |
| 14     |      | 402-28309 | WIPER_DRIVE_SHAFT                  | ワイパー駆動軸      | 1   |
| 15     |      | 402-28310 | THRUST                             | スラスト         | 1   |
| 16     |      | 402-28311 | TWINE_ROD_SLIDING_ARM              | 糸分け棒滑り腕      | 1   |
| 17     |      | 403-13761 | SCREW                              | ねじ           | 1   |
| 18     | ☆    | 402-28056 | SILK_THREAD_ROD                    | 糸分け棒         | 1   |
| 19     |      | 402-82667 | SCREW                              | ねじ           | 1   |

19. NEEDLE PLATE COMPONENTS (SPECIAL ORDER PARTS)

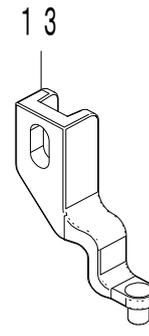
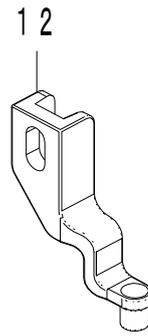
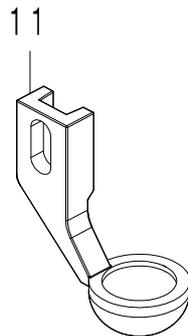
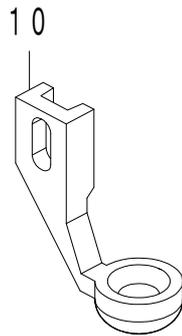
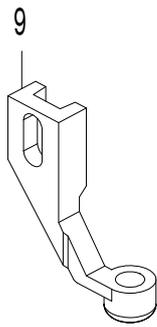
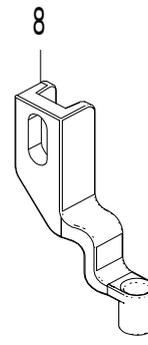
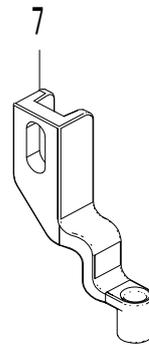
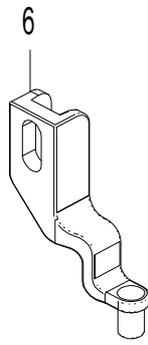
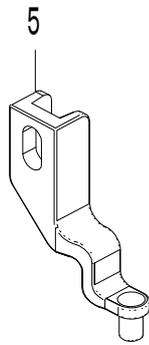
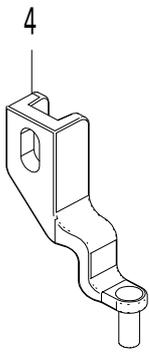
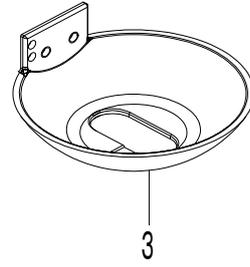
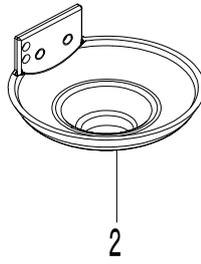
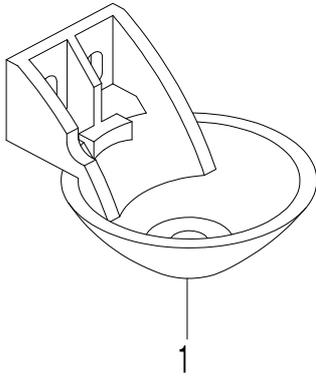
針板關係 (特別注文部品)



| REF.NO | NOTE | PART NO   | DESCRIPTION              | 品名           | Qty |
|--------|------|-----------|--------------------------|--------------|-----|
| 1      |      | 402-25498 | NEEDLE_PLATE_D2.4        | 針板 D=2.4     | 1   |
| 2      |      | 402-25499 | NEEDLE_PLATE_D3.0        | 針板 D=3.0     | 1   |
| 3      |      | 402-25500 | NEEDLE_PLATE_SMALL_D3.5  | 針板 (小) D=3.5 | 1   |
| 4      |      | 402-25495 | NEEDLE_PLATE_CONVEX_D1.4 | 針板 (凸) D=1.4 | 1   |
| 5      |      | 402-25486 | NEEDLE_PLATE_CONVEX_D1.6 | 針板 (凸) D=1.6 | 1   |
| 6      |      | 402-25501 | NEEDLE_PLATE_CONVEX_D2.0 | 針板 (凸) D=2.0 | 1   |
| 7      |      | 402-25502 | NEEDLE_PLATE_CONVEX_D2.2 | 針板 (凸) D=2.2 | 1   |
| 8      |      | 402-25503 | NEEDLE_PLATE_CONVEX_D2.4 | 針板 (凸) D=2.4 | 1   |
| 9      |      | 402-25504 | NEEDLE_PLATE_SMALL_D1.6  | 針板 (小) D=1.6 | 1   |

## 20. PRESSER FOOT COMPONENTS (SPECIAL ORDER PARTS)

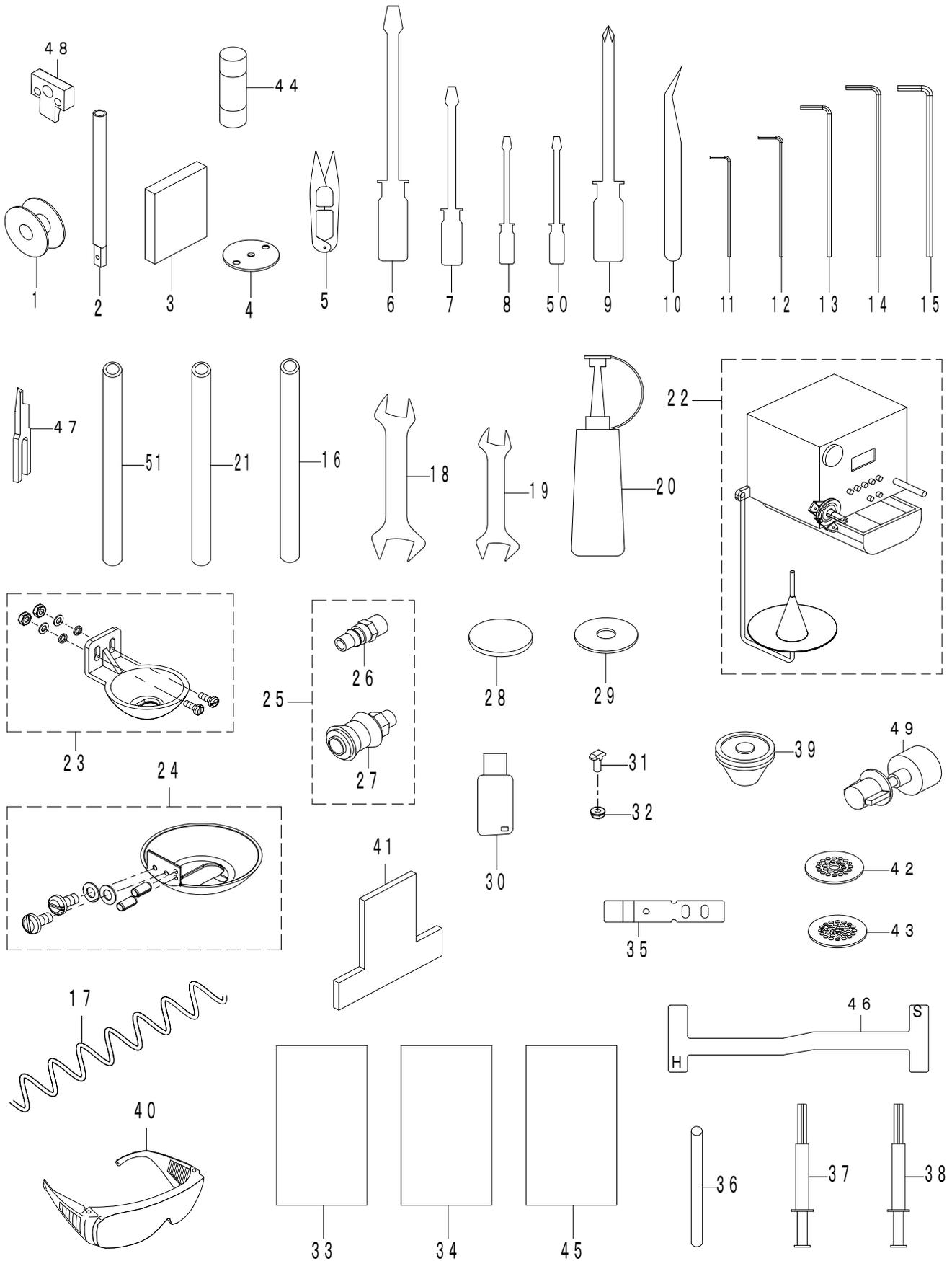
押え関係 (特別注文部品)



| REF.NO | NOTE | PART NO   | DESCRIPTION                | 品名            | Qty |
|--------|------|-----------|----------------------------|---------------|-----|
| 1      |      | 402-25516 | BOAT_PLASTIC_PRESSER       | プラスチック皿押え     | 1   |
| 2      |      | 402-25496 | BOAT_PRESSER_S             | 補助皿押え (小)     | 1   |
| 3      |      | 402-25491 | BOAT_PRESSER_L             | 補助皿押え (大)     | 1   |
| 4      |      | 402-28079 | INTERMEDIATE_PRESSER_D2.2L | 中押え(長) D=2. 2 | 1   |
| 5      |      | 402-28073 | INTERMEDIATE_PRESSER_D2.2  | 中押え D=2. 2    | 1   |
| 6      |      | 402-28074 | INTERMEDIATE_PRESSER_D2.7  | 中押え D=2. 7    | 1   |
| 7      |      | 402-28075 | INTERMEDIATE_PRESSER_D3.5  | 中押え D=3. 5    | 1   |
| 8      |      | 402-28076 | INTERMEDIATE_PRESSER_D4.0  | 中押え D=4. 0    | 1   |
| 9      |      | 402-25511 | INTERMEDIATE_PRESSER_D2.0  | 皿押え (小)       | 1   |
| 10     |      | 402-25512 | INTERMEDIATE_PRESSER_D2.5  | 皿押え (中)       | 1   |
| 11     |      | 402-25505 | INTERMEDIATE_PRESSER_D2.5L | 皿押え (大)       | 1   |
| 12     |      | 402-28077 | INTERMEDIATE_PRESSER_D3.0  | 中押え D=3. 0    | 1   |
| 13     |      | 402-28078 | INTERMEDIATE_PRESSER_D2.2S | 中押え D=2. 2    | 1   |

## 21. ACCESSORY BOX PART COMPONENTS (SPECIAL ORDER PARTS)

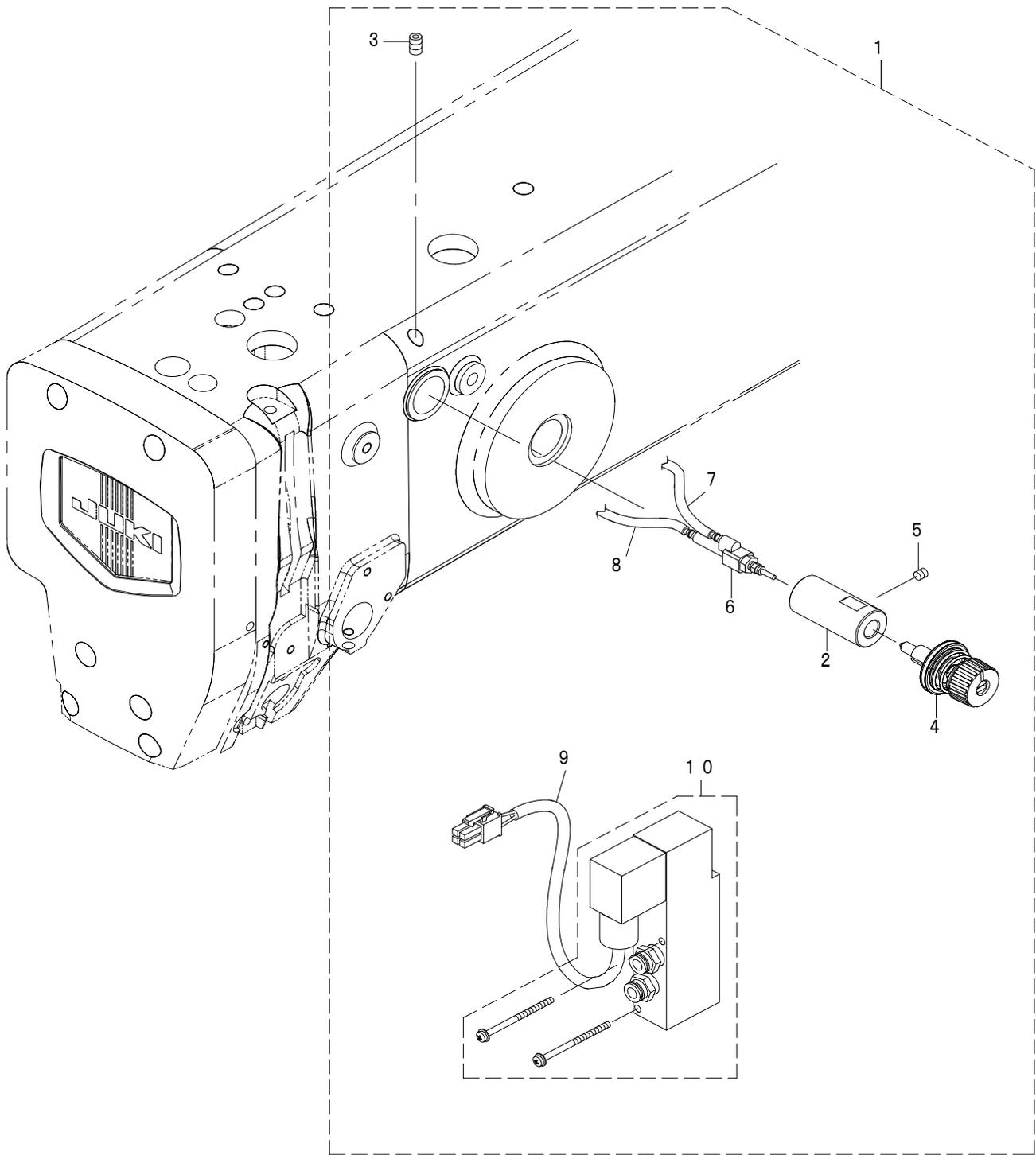
付属品箱部品関係 (特別注文部品)



| REF.NO | NOTE | PART NO   | DESCRIPTION   | 品名  | Qty |
|--------|------|-----------|---|---|-----|
| 1      |      | 402-25494 | BOBBIN  | ボビン   | 5   |
| 2      |      | 402-28067 | PRESSER BAR   | 押さえ棒  | 1   |
| 3      |      | 402-28352 | NEEDLE_D1.64  | 針 D1.64   | 10  |
| 4      |      | 402-25495 | NEEDLE_PLATE_(SMALL)_D=1.4  | 針板(小) D=1.4                                       | 1   |
| 5      |      | 402-28805 | SCISSORS  | はさみ   | 1   |
| 6      |      | 402-28789 | SCREW_DRIVER_(6X200)  | ドライバー(大)(Φ6×200)                                  | 1   |
| 7      |      | 402-28790 | SCREW_DRIVER_(5X75)   | ドライバー(中)(Φ5×75)                                   | 1   |
| 8      |      | 402-28791 | SCREW_DRIVER_(3X100)  | ドライバー(小)(Φ3×100)                                  | 1   |
| 9      |      | 402-28792 | PLUS_DRIVER_(6X200)   | プラスドライバー(Φ6×200)                                  | 1   |
| 10     |      | 402-28793 | PINCET  | ピンセット組  | 1   |
| 11     |      | 402-28794 | HEXAGONAL WRENCH KYE 2  | 六角レンチ 2(100長さ)                                    | 1   |
| 12     |      | 402-28795 | HEXAGONAL WRENCH KYE 2.5  | 六角レンチ 2.5(110長さ)                                  | 1   |
| 13     |      | 402-28796 | HEXAGONAL WRENCH KYE 3  | 六角レンチ 3(126長さ)                                    | 1   |
| 14     |      | 402-28797 | HEXAGONAL WRENCH KYE 4  | 六角レンチ 4(140長さ)                                    | 1   |
| 15     |      | 402-28798 | HEXAGONAL WRENCH KYE 5  | 六角レンチ 5(160長さ)                                    | 1   |
| 16     |      | 402-28799 | FORCE LEVER   | レンチ補助棒  | 1   |
| 17     |      | 402-28255 | AIR_GUN_TUBE  | エアガンチューブ  | 1   |
| 18     |      | 402-28801 | WRENCH_13X15  | スパナ 13X15   | 1   |
| 19     |      | 402-28800 | WRENCH_8X10   | スパナ 8X10  | 1   |
| 20     |      | 402-28802 | OILER_ASM   | アブラサシクミ   | 1   |
| 21     |      | 402-28112 | NEEDLE_BAR_D2.0   | 針棒2.0   | 1   |
| 22     |      | 402-28356 | BOBBIN_DEVICE_ASM   | 糸巻き装置(組)  | 1   |
| 23     |      | 402-28357 | PLASTIC_PRESSER_ASM   | プラスチック押え(組)                                       | 1   |
| 24     |      | 402-28583 | BOAT_PRESSER_ASSY   | 皿押え(組)  | 1   |
| 25     |      | 402-28811 | S_COUPLER(PLUG_SOCKET)  | 継手  | 1   |
| 26     |      | 402-28359 | JOINT   | 子継手   | (1) |
| 27     |      | 402-28360 | JOINT   | 母継手   | (1) |
| 28     | #04  | 402-28361 | IC_CARD   | ICカード   | 10  |
| 29     |      | 402-28362 | RUBBER_CUSHION  | ゴム座   | 10  |
| 30     |      | 403-12046 | USB   | USB   | 1   |
| 31     |      | 402-28363 | SCREW_M6X16   | ねじ M6X16  | 3   |
| 32     |      | 402-28364 | NUT_M6  | ナット M6  | 3   |
| 33     |      | 403-11635 | SAFETY_INSTRUCTION_MANUAL   | EU安全注意書:PS810-13085                               | 1   |
| 34     |      | 402-28808 | TEMPLATE_ASSY_DRAWING   | テンプレート図面  | 1   |
| 35     |      | 402-25492 | FIX_KNIFE   | 固定メス  | 1   |
| 36     |      | 402-28003 | AID_PRESSER_BAR   | 皿押え棒  | 1   |
| 37     |      | 402-28820 | GREASE_(SYRINGE_ASSY_5ML)   | 面部共通のグリス5ml(針筒組件)                                 | 1   |
| 38     |      | 402-28819 | GREASE_(SYRINGE_ASSY_10ML)  | LMガイドのグリス10ml(針筒組件)                               | 1   |
| 39     |      | 402-28822 | GREASE_(BOX_100ML)  | LMガイドのグリス100MLボックス                                | 1   |
| 40     | #01  | 402-38556 | GOGGLES   | ゴーグル  | 1   |
| 41     | #01  | 402-28641 | LASER_TOOL  | レーザーツール   | 1   |
| 42     | #01  | 402-28782 | AIR_BLOW_COVER(HOLE9MM)   | 吸着カバー組(穴9mm)                                      | 1   |
| 43     | #01  | 402-28768 | AIR_BLOW_COVER(HLOE4MM)   | 吸着カバー組(穴4mm)                                      | 1   |
| 44     |      | 402-92522 | FUSE  | ヒューズ  | 1   |
| 45     | #03  | 402-35331 | BARCODE_SEAL  | バーコードシール  | 1   |
| 46     |      | 402-41376 | TIMING_GAUGE  | タイミングゲージ  | 1   |
| 47     | #02  | 402-28712 | MOVING_KNIFE  | 動メス(strongH改良)                                    | 1   |
| 48     | #02  | 402-28426 | FIXED_KNIFE   | 固定メス  | 1   |
| 49     | #02  | 402-28397 | POTENTIOMETER   | 電位差計  | 1   |
| 50     | #02  | 402-38354 | SPANNER   | 六角星レンチ  | 1   |
| 51     | #02  | 402-38355 | MOVING_KNIFE_ADJUST_BUSHING   | 動メス調整メタル  | 1   |
|        |      | NOTE(注記)  | #01....LASER SPECIFICATION ONLY<br>#02....TYPE SPIN KNIFE ONLY<br>#03....TYPE BARCODE ONLY<br>#04....TYPE RFID ONLY | レーザー仕様のみ<br>回転メス仕様のみ<br>バーコードリーダー仕様のみ<br>RFID仕様のみ |     |

## 22. THE THIRD THREAD TENSION REGULATOR (OPTIONAL PARTS)

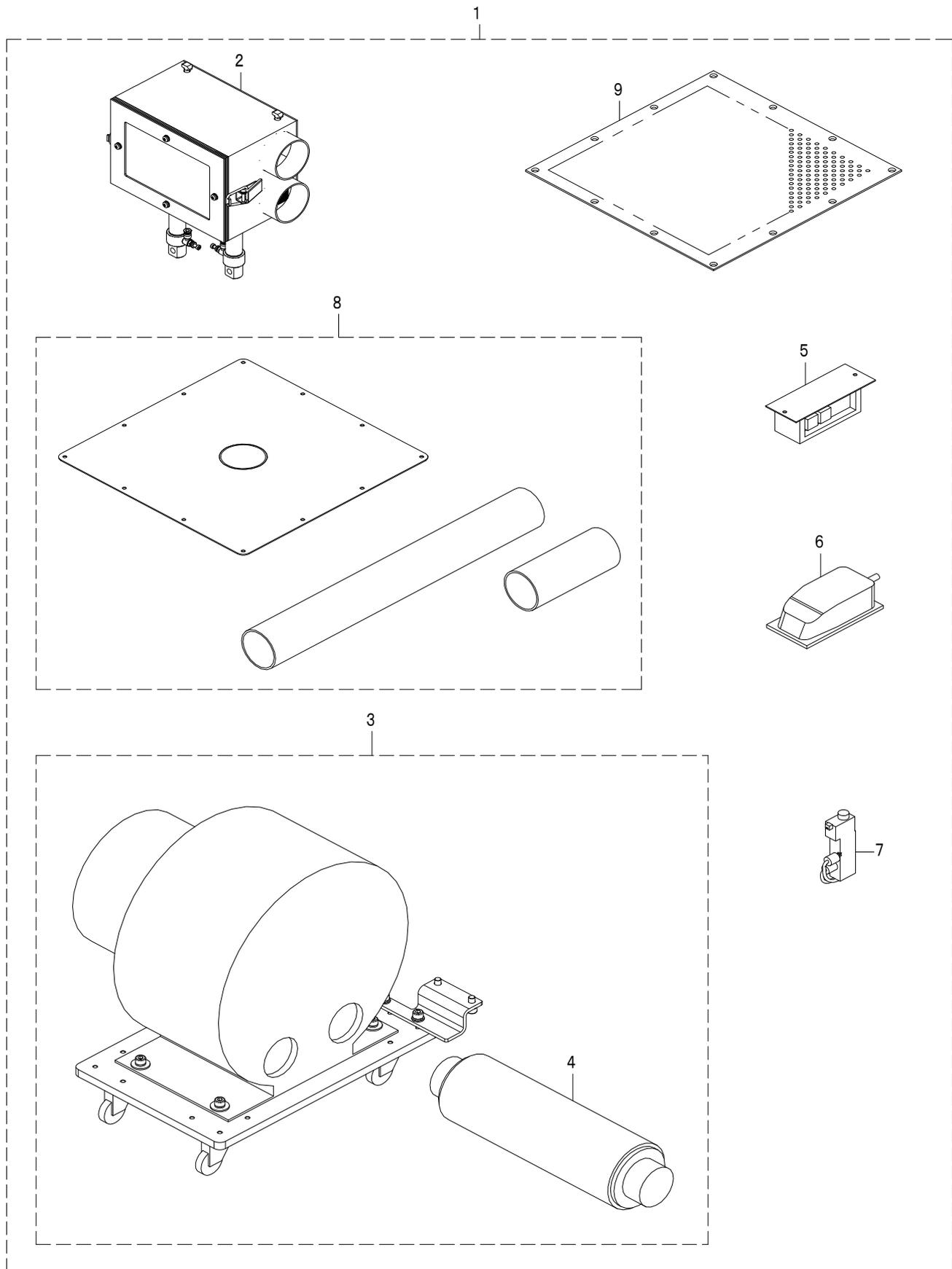
第3糸調子器 (オプション部品)



| REF.NO | NOTE | PART NO   | DESCRIPTION               | 品名       | Qty |
|--------|------|-----------|---------------------------|----------|-----|
| 1      |      | 403-13596 | THE_THIRD_THREAD_TENSION  | 第3糸調子器   | 1   |
| 2      |      | 402-28788 | CYLINDER_BASE             | シリンダ取付台  | (1) |
| 3      |      | 402-28089 | SCREW                     | ねじ       | (1) |
| 4      |      | 402-28051 | THIRD_THREAD_TENSION_ASSY | 第三糸調子(組) | (1) |
| 5      |      | 402-28783 | SCREW                     | ねじ       | (1) |
| 6      |      | 402-28804 | CYLINDER                  | シリンダ     | (1) |
| 7      |      | 402-28814 | TUBE                      | チューブ     | (1) |
| 8      |      | 402-28815 | TUBE                      | チューブ     | (1) |
| 9      |      | 403-13467 | SOLENOID VALVE CABLE      | 電磁弁ケーブル  | (1) |
| 10     |      | 402-68857 | SOLENOID_VALVE            | 電磁弁      | (1) |

### 23. SUCTION DEVICE

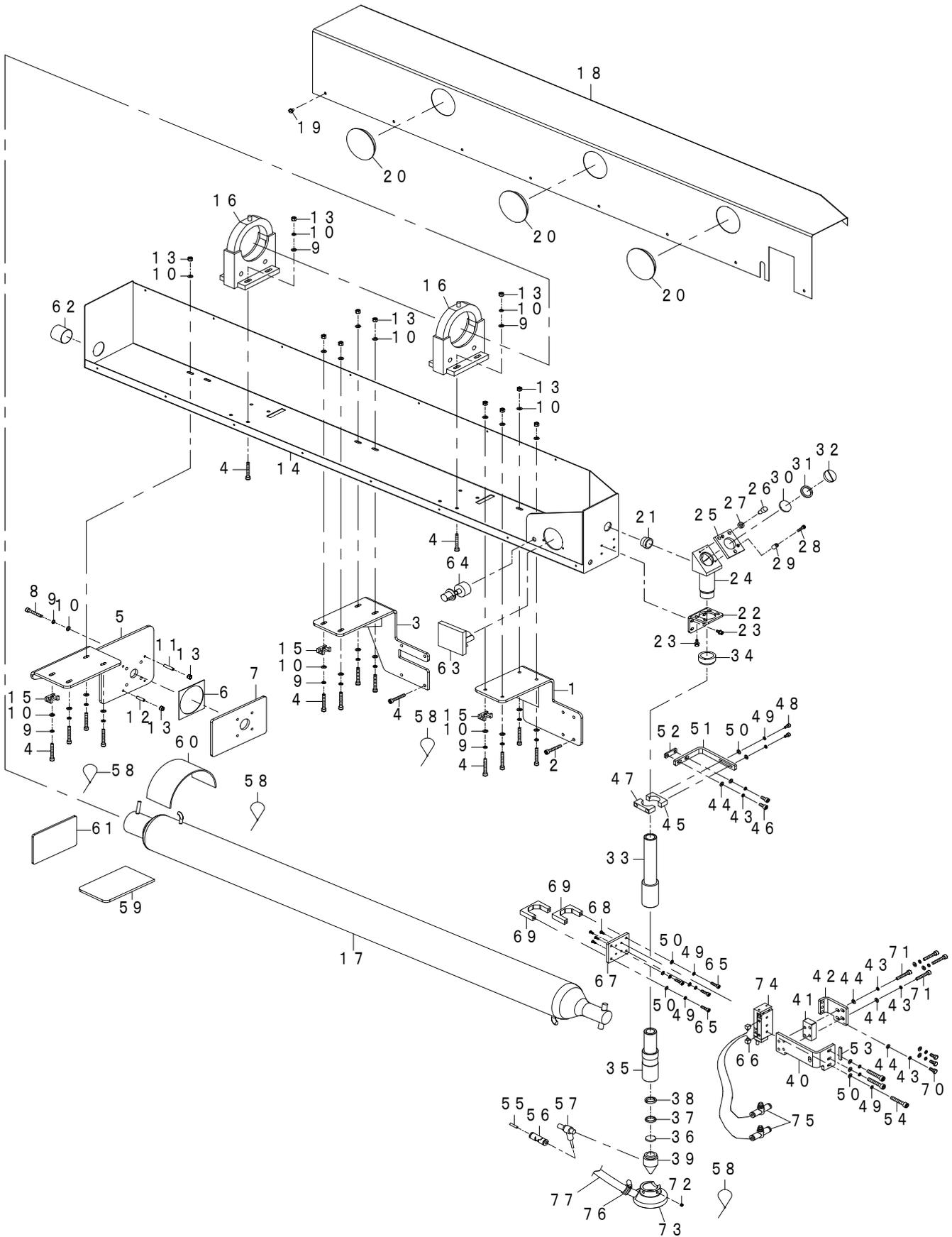
吸引装置



| REF.NO | NOTE | PART NO   | DESCRIPTION                | 品名                  | Qty |
|--------|------|-----------|----------------------------|---------------------|-----|
| 1      |      | 403-13600 | SUCTION_DEVICE_ASSY(13085) | 吸引装置 (13085)        | 1   |
| 2      |      | 402-80632 | FILTER_BOX_UNIT            | 濾過ボックスユニット          | (1) |
| 3      |      | 403-15048 | BLOWER_UNIT(13085)         | ブローヤユニット (13085)    | (1) |
| 4      |      | 402-80631 | SILENCER                   | 消音器                 | (1) |
| 5      |      | 403-15238 | POWER_SWITCH_UNIT(13085)   | 電源スイッチユニット (13085)  | (1) |
| 6      |      | 403-14744 | PEDAL_UNIT(13085)          | ペダルユニット (13085)     | (1) |
| 7      |      | 403-15054 | SOLENOID_VALVE_UNIT(13085) | 電磁弁ユニット (13085)     | (1) |
| 8      |      | 403-15055 | UNDER_COVER_UNIT(13085)    | アンダーカバーユニット (13085) | (1) |
| 9      |      | 403-14745 | MESH_COVEV_500             | 網目カバー_500           | (1) |

# 24. LASER TUBE COMPONENTS (SUBCLASS)

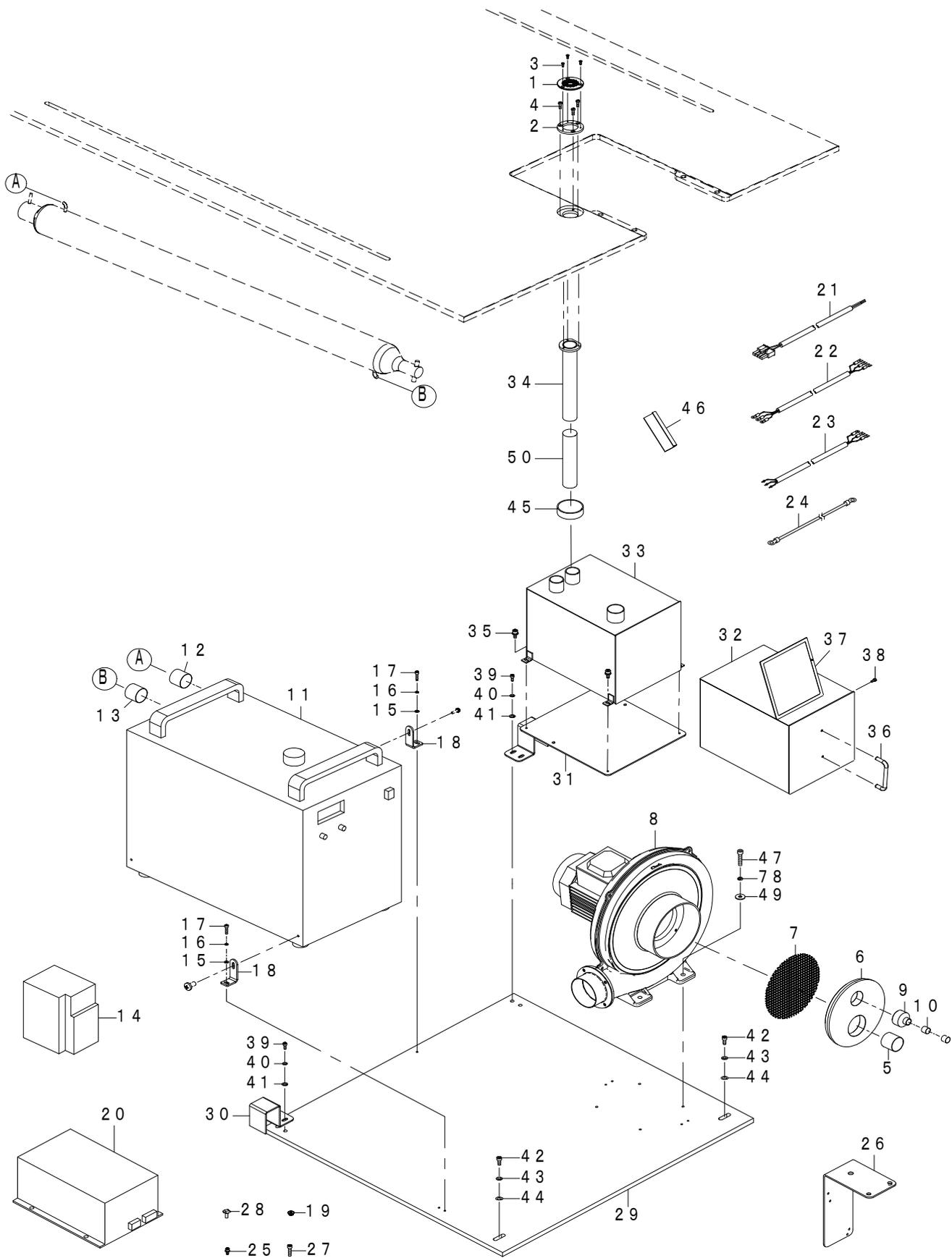
レーザー管部品関係 (サブクラス)



| REF.NO | NOTE | PART NO   | DESCRIPTION                        | 品名             | Qty |
|--------|------|-----------|------------------------------------|----------------|-----|
| 1      |      | 402-80503 | LASER_SHIELD_COVER                 | レーザー防塵カバー      | 1   |
| 2      |      | 402-80472 | SCREW                              | ねじ             | 4   |
| 3      |      | 402-80473 | LASER_COVER_MIDDLE_MOUNTING_PLATE  | レーザーカバー中取付板    | 1   |
| 4      |      | 402-34425 | SCREW                              | ねじ             | 24  |
| 5      |      | 402-80474 | LASER_COVER_BACK_MOUNTING_PLATE    | レーザーカバー後取付板    | 1   |
| 6      |      | 403-13825 | RUBBER_WASHER                      | ゴム座金           | 1   |
| 7      |      | 402-80475 | LASER_BACK_POST_PLATE              | レーザー後支柱プレート    | 1   |
| 8      |      | 402-86810 | SCREW                              | ねじ             | 1   |
| 9      |      | 402-28598 | SPRING_WASHER                      | ばね座金           | 24  |
| 10     |      | 402-28171 | WASHER                             | 平座金            | 36  |
| 11     |      | 403-13826 | SCREW                              | ねじ             | 2   |
| 12     |      | 403-13827 | SCREW                              | ねじ             | 2   |
| 13     |      | 402-34525 | NUT                                | ナット            | 24  |
| 14     |      | 402-80476 | LASER_TUBE_LOWER_COVER             | レーザー管下カバー (組)  | 1   |
| 15     |      | 402-80477 | FIXING_PLATE                       | 固定用プレート        | 3   |
| 16     |      | 402-80478 | LASER_TUBE_SUPPORT_ASM             | レーザー管          | 2   |
| 17     | ☆    | 402-28772 | LASER-TUBE                         | レーザー管          | 1   |
| 18     |      | 402-80479 | LASER_TUBE_TOP_COVER               | レーザー管上カバー      | 1   |
| 19     |      | 402-34457 | SCREW                              | ねじ             | 15  |
| 20     |      | 402-28035 | SPINDLE_BACK_COVER                 | 主軸後カバー         | 3   |
| 21     |      | 402-28374 | LASER_TUBE_PASSING_SLEEVE          | レーザー管ライザスリーブ   | 1   |
| 22     |      | 402-80480 | LASER_TIP_SUPPORT_PLATE            | レーザー先端支えプレート   | 1   |
| 23     |      | 402-80481 | SCREW                              | ねじ             | 8   |
| 24     |      | 402-80482 | LASER_TIP_BLOCK                    | レーザー先端ブロック     | 1   |
| 25     |      | 402-80483 | LASER_TIP_BLOCK_COVER              | レーザー先端ブロックカバー  | 1   |
| 26     |      | 402-28376 | SCREW                              | ねじ             | 3   |
| 27     |      | 402-28377 | NUT                                | ナット            | 3   |
| 28     |      | 402-28378 | SCREW                              | ねじ             | 2   |
| 29     |      | 402-28379 | SPRING                             | ばね             | 2   |
| 30     | ☆    | 402-28771 | REDLECTOR                          | 反射鏡            | 1   |
| 31     |      | 402-80484 | LASER_SAFE_REFLECTOR_SEAT          | レーザー反射鏡保護座     | 1   |
| 32     |      | 402-80485 | LASER_REFLECTOR_CLAMP              | レーザー反射鏡クランプ    | 1   |
| 33     |      | 402-80486 | LASER_NECK_CONNECTION_COVER        | レーザー首連結カバー     | 1   |
| 34     |      | 402-80487 | NUT                                | ナット            | 1   |
| 35     |      | 402-80488 | LASER-CONCAVE_MIRROR_TUBE          | レーザーフォーカス鏡安裝管  | 1   |
| 36     | ☆    | 402-28770 | LENS                               | レンズ            | 1   |
| 37     |      | 402-80489 | LASER_LOCUST_WHITE_PROTECTIVE_SEAT | レーザーフォーカス鏡白保護座 | 1   |
| 38     |      | 402-28383 | LASER_LENS_76.2                    | レーザーレンズ76.2    | 1   |
| 39     |      | 402-80490 | LASER_NECK_LOWER_CONNECTING_TUBE   | レーザー首下連結管      | 1   |
| 40     |      | 402-80491 | LASER_FIXED_PLATE_A                | レーザー固定板A       | 1   |
| 41     |      | 402-80492 | LASER_FIXED_BLOCK                  | レーザー固定ブロック     | 1   |
| 42     |      | 402-80493 | LASER_FIXED_PLATE_B                | レーザー固定板B       | 1   |
| 43     |      | 402-34452 | WASHER                             | ばね座金           | 9   |
| 44     |      | 402-34571 | WASHER                             | 平座金            | 9   |
| 45     |      | 402-80494 | LASER_TUBE_BLOCK_TOP               | レーザー管ブロック上     | 1   |
| 46     |      | 402-34451 | SCREW                              | ねじ             | 2   |
| 47     |      | 402-80495 | BELOW_THE_LASER_TUBE_BLOCK         | レーザー管ブロック下     | 1   |
| 48     |      | 402-28065 | SCREW                              | ねじ             | 2   |
| 49     |      | 402-34452 | WASHER                             | ばね座金           | 9   |
| 50     |      | 402-34571 | WASHER                             | 平座金            | 9   |
| 51     |      | 402-80496 | LASER_TUBE_SUPPORT_POST            | レーザー管支板支柱      | 1   |
| 52     |      | 402-83787 | WASHER_PLATE                       | 座金板            | 1   |
| 53     |      | 402-28646 | LASER_CYLINDER_SENSOR              | レーザーシリンダーセンサー  | 1   |
| 54     |      | 402-34451 | SCREW                              | ねじ             | 3   |
| 55     |      | 402-28390 | TUBE                               | チューブ           | 4   |
| 56     |      | 402-28391 | UPPER_THREAD_BLOW_ADJUSTING_JOINT  | 上糸ブロー調節継手      | 1   |
| 57     |      | 402-28574 | ADJUSTMENT_JOINT                   | 調節継手           | 1   |
| 58     |      | 402-28573 | 7X200_CABLE_BAND                   | 7X200束線バンド     | 1   |
| 59     |      | 402-28392 | UNDER THE LASER TUBE RUBBER        | レーザー管ゴム板下      | 1   |
| 60     |      | 402-28393 | LASER TUBE ON RUBBER PLATE         | レーザー管ゴム板上      | 1   |
| 61     |      | 402-28394 | LASER TUBE RUBBER PLATE BEHIND     | レーザー管ゴム板後      | 1   |
| 62     |      | 402-28395 | WATERPROOF JOINT                   | 防水コネクタ         | 1   |
| 63     |      | 402-68914 | AMPEROMETER                        | 電流計            | 1   |
| 64     |      | 402-80502 | CURRENT_REGULATOR                  | 電流調整器          | 1   |
| 65     |      | 402-28223 | SCREW                              | ねじ             | 4   |
| 66     |      | 402-83785 | JOINT                              | 継手             | 2   |
| 67     |      | 402-83786 | DRIVE_CYLINDER_MOUNTING_PLATE      | シリンダー取付板       | 1   |
| 68     |      | 402-28223 | SCREW                              | ねじ             | 4   |
| 69     |      | 402-28654 | LASER_SUCTION_FIXED_BLOCK          | レーザー吸込み固定ブロック  | 2   |
| 70     |      | 402-83789 | SCREW                              | ねじ             | 3   |
| 71     |      | 402-68767 | SCREW                              | ねじ             | 4   |
| 72     |      | 402-34086 | SCREW                              | ねじ             | 2   |
| 73     |      | 402-80503 | LASER_SHIELD_COVER                 | レーザー防護カバー      | 1   |
| 74     |      | 402-83783 | CYLINDER                           | シリンダー          | 1   |
| 75     |      | 402-27993 | UPPER_THREAD_BLOW_JOINT            | 上糸ブロー調節継手      | 2   |
| 76     |      | 402-83784 | SCREW                              | ねじ             | 1   |
| 77     |      | 402-91791 | 20X14_PIPE                         | Φ20XΦ14管       | 1   |

## 25. LASER AIR SUCTION COMPONENTS (SUBCLASS)

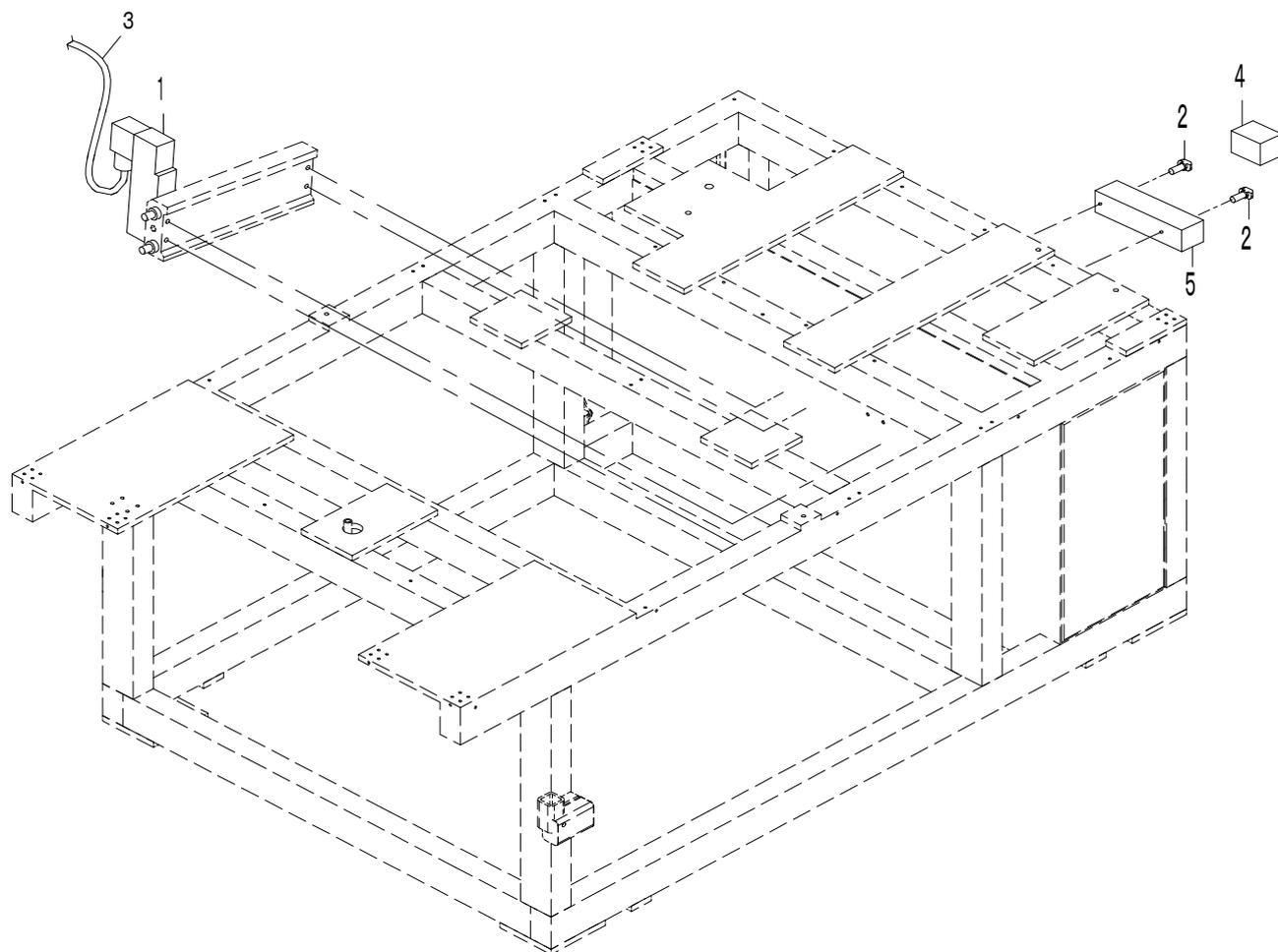
レーザー吸い風部品関係 (サブクラス)



| REF.NO | NOTE | PART NO   | DESCRIPTION                             | 品 名          | Qty |
|--------|------|-----------|---|--------------|-----|
| 1      |      | 402-80515 | SUCTION_TOP_COVER                       | 吸引上カバー       | 1   |
| 2      |      | 402-80516 | COVER_DURING_SUCTION                    | 吸引中カバー       | 1   |
| 3      |      | 402-91803 | SCREW                                   | ねじ           | 3   |
| 4      |      | 403-13776 | SCREW                                   | ねじ           | 3   |
| 5      |      | 402-91792 | PIPE                                    | φ38×φ47管     | 1   |
| 6      |      | 402-28406 | AIR_SUCTION_CASE                        | エア吸込みケース     | 1   |
| 7      |      | 402-28407 | FILTER_OVER_THE_NET                     | 網            | 1   |
| 8      |      | 402-63261 | BLOWER                                  | ブロアモータ       | 1   |
| 9      |      | 402-80521 | SUCTION_PIPE_CONNECTION_COVER           | 吸引パイプ連結カバー   | 1   |
| 10     |      | 402-28388 | HOLDING                                 | 抱き           | 1   |
| 11     |      | 402-28085 | COLD_WATER_MACHINE_3000_TYPE            | 冷水器3000型     | 1   |
| 12     |      | 402-91788 | SILICONE_TUBE                           | シリカゲル管       | 1   |
| 13     |      | 402-91789 | SILICONE_TUBE                           | シリカゲル管       | 1   |
| 14     |      | 402-63260 | FREQUENCY_CONVERTER                     | 変換器          | 1   |
| 15     |      | 402-28171 | WASHER                                  | 平座金          | 2   |
| 16     |      | 402-28598 | SPRING_WASHER                           | ばね座金         | 2   |
| 17     |      | 402-34425 | SCREW                                   | ねじ           | 2   |
| 18     |      | 402-28413 | CHILLER_FIXED_PLATE                     | 冷水機固定板       | 2   |
| 19     |      | 402-28366 | NUT_M8                                  | ナット M8       | 2   |
| 20     |      | 402-64286 | LASER_POWER_SUPPLY                      | レーザー電源       | 1   |
| 21     |      | 402-52388 | CABLE                                   | ケーブル         | 1   |
| 22     |      | 402-63257 | CABLE                                   | ケーブル         | 1   |
| 23     |      | 402-63258 | CABLE                                   | ケーブル         | 1   |
| 24     |      | 402-64296 | CABLE                                   | ケーブル         | 1   |
| 25     |      | 402-34454 | SCREW                                   | ねじ           | 2   |
| 26     |      | 402-63270 | LASER_SWITCH_PLATE                      | レーザースイッチ取付板  | 1   |
| 27     |      | 402-34454 | SCREW                                   | ねじ           | 4   |
| 28     |      | 402-28365 | SCREW_M16X16                            | T型ねじM8×20    | 2   |
| 29     |      | 402-34591 | WATER_TANK_PLATE                        | 水タンクプレート     | 1   |
| 30     |      | 402-34593 | WATER_TANK_PLACEMENT_PLATE_FIXING_PLATE | 水タンクプレート固定板  | 2   |
| 31     |      | 403-13932 | FILTER_BOX_PLATE                        | フィルタボックス組付け板 | 1   |
| 32     |      | 402-91785 | DRAWER_ASSY                             | 引き出し(組)      | 1   |
| 33     |      | 402-91783 | FILTER_BOX_ASSY                         | フィルタボックス(組)  | 1   |
| 34     |      | 402-80517 | SUCTION_CONNECTION_TUBE_ASM             | 吸引連結管(組)     | 1   |
| 35     |      | 402-68660 | SCREW                                   | ねじ           | 4   |
| 36     |      | 402-91786 | DRAWER_HANDLE                           | 引き出しハンドル     | 1   |
| 37     |      | 402-91787 | DRAWER_PARTITION_ASSY                   | 引き出し仕切り(組)   | 1   |
| 38     |      | 402-68626 | SCREW                                   | ねじ           | 1   |
| 39     |      | 402-28185 | SCREW                                   | ねじ           | 4   |
| 40     |      | 402-28598 | SPRING_WASHER                           | ばね座金         | 4   |
| 41     |      | 402-28171 | WASHER                                  | 平座金          | 4   |
| 42     |      | 402-34592 | SCREW                                   | ねじ           | 2   |
| 43     |      | 402-34576 | SPRING_WASHER                           | ばね座金         | 2   |
| 44     |      | 402-34511 | WASHER                                  | 平座金          | 2   |
| 45     |      | 403-15040 | HOLDER                                  | 抱き           | 2   |
| 46     |      | 403-15042 | GOM                                     | ゴム           | 2   |
| 47     |      | 402-34519 | SCREW                                   | ねじ           | 4   |
| 48     |      | 402-34435 | SPRING_WASHER                           | ばね座金         | 4   |
| 49     |      | 402-34534 | WASHER                                  | 平座金          | 4   |
| 50     |      | 402-91780 | AIR_SUCTION_TUBE                        | 吸い込み管        | 1   |

## 26. LASER ELECTRONIC CONTROL PARTS COMPONENTS (SUBCLASS)

レーザー電装部品関係 (サブクラス)



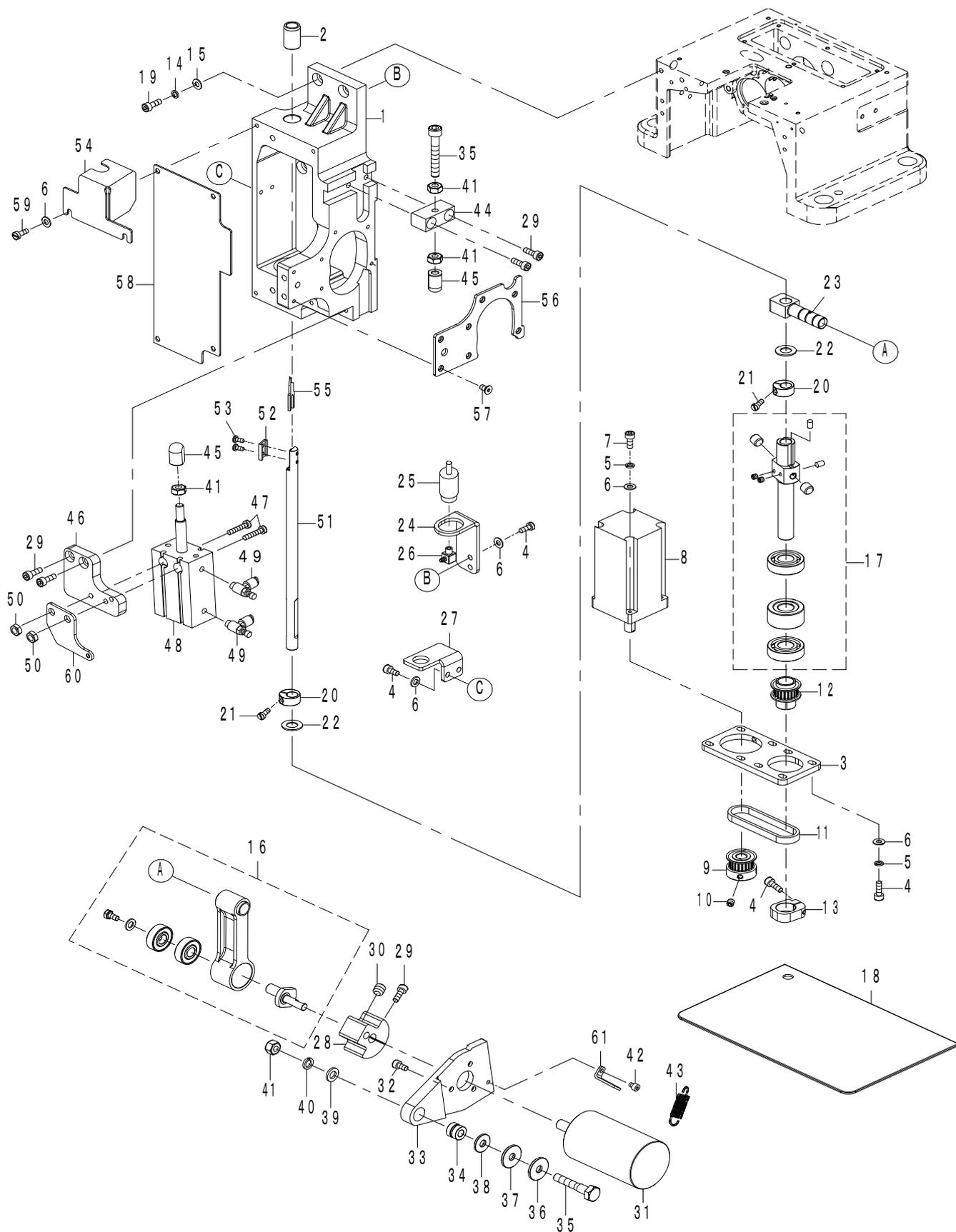
| REF.NO | NOTE | PART NO   | DESCRIPTION                | 品名       | Qty |
|--------|------|-----------|----------------------------|----------|-----|
| 1      |      | 402-68857 | SOLENOIDO_VALVE            | 電磁弁      | 1   |
| 2      |      | 402-34087 | SCREW                      | ねじ       | 2   |
| 3      |      | 402-80618 | SOLENOIDO_VALVE_CABLE      | 電磁弁ケーブル  | 1   |
| 4      |      | 402-80199 | RELAY                      | リレー      | 1   |
| 5      |      | 402-34526 | ELECTROMAGNETIC_RELAY_BASE | 電磁リレーベース | 1   |



| REF.NO | NOTE | PART NO       | DESCRIPTION                              | 品名             | Qty |
|--------|------|---------------|--|----------------|-----|
| 1      |      | 403-13933     | FIXED_KNIFE_BASE_ASSEMBLY_PLATE          | 固定メスベース組付け板    | 1   |
| 2      |      | 403-13805     | FIXED_KNIFE_BASE                         | 定メスベース         | 1   |
| 3      |      | 402-28223     | SCREW                                    | ねじ             | 4   |
| 4      |      | 402-34452     | WASHER                                   | ばね座金           | 24  |
| 5      |      | 402-34571     | WASHER                                   | 平座金            | 22  |
| 6      |      | 402-34451     | SCREW                                    | ねじ             | 12  |
| 7      |      | 403-13787     | ROTARY_MOTOR_PLATE                       | 回転モータ組付け板      | 1   |
| 8      |      | 403-13550     | SPIN_KNIFE_MOTOR                         | 回転メスモータ        | 1   |
| 9      |      | 402-28420     | MOTOR_TIMING_SPROCKET                    | モータタイミングスプロケット | 1   |
| 10     |      | 402-34502     | SCREW                                    | ねじ             | 3   |
| 11     |      | 402-28421     | MOTOR_TIMING_BELT                        | モータタイミングベルト    | 1   |
| 12     |      | 402-28422     | CONNECTION                               | 抱き             | 1   |
| 13     |      | 402-25491     | BOAT_PRESSER_L                           | 補助皿押え (大)      | 1   |
| 14     |      | 402-28316     | SPRING_PIN                               | ばねピン           | 2   |
| 15     |      | 402-35588     | SCREW                                    | ねじ             | 1   |
| 16     |      | 402-28435     | SCREW                                    | ねじ             | 2   |
| 17     |      | 402-28436     | FIXED_KNIFE_SHAFT_BUSHING_ASM            | 固定メス軸メタル (組)   | 1   |
| 18     |      | 403-13470     | FACE_COVER_SPIN_KNIFE                    | 面板 (回転メス)      | 1   |
| 19     |      | 402-34438     | SCREW                                    | ねじ             | 2   |
| 20     |      | 402-28423     | MOVING_KNIFE_SHAFT_CONNECTING            | 動メス軸抱き         | 2   |
| 21     |      | 402-35593     | SCREW                                    | ねじ             | 3   |
| 22     |      | 403-13831     | WASHER                                   | 座金             | 1   |
| 23     |      | 403-13806     | O_RING                                   | Oリング           | 1   |
| 24     |      | 402-28564     | SPIN_FIXED_KNIFE_BASE                    | 回転固定メス駆動連接棒    | 1   |
| 25     |      | 402-28455     | FIX_KNIFE_LOWER_BUSHING                  | 固定メス棒下ケース      | 1   |
| 26     |      | 402-28424     | SPIN_FIXED_KNIFE_SHAFT                   | 回転固定メス軸        | 1   |
| 27     |      | 402-28425     | FIXED_FEMALE_BASE                        | 固定メスベース        | 1   |
| 28     | ☆    | 402-28426     | FIXED_KNIFE                              | 固定メス           | 1   |
| 29     |      | 402-28427     | CYLINDER                                 | シリンダ           | 1   |
| 30     |      | 402-65882     | CYLINDER_JOINT                           | シリンダ継手         | 4   |
| 31     |      | 402-34447     | SCREW                                    | ねじ             | 2   |
| 32     |      | 402-28694     | DRIVE_CYLINDER_MOUNTING_PLATE            | シリンダ取付板        | 1   |
| 33     |      | 402-28565     | FIXED_KNIFE_COVER                        | 固定メス土台         | 1   |
| 34     |      | 402-68586     | SCREW                                    | ねじ             | 4   |
| 35     |      | 402-28428     | LOWER_TIMING_BELT_COVER                  | 下タイミングベルトカバー   | 1   |
| 36     |      | 402-94299     | SCREW                                    | ねじ             | 3   |
| 37     |      | 402-34514     | WASHER                                   | 座金             | 3   |
| 38     |      | 402-28429     | PRESSER_BUSHING_UPPER                    | 押え棒メタル上        | 1   |
| 39     |      | 402-28430     | PRESSER_LOWER_BUSHING                    | 押え棒下メタル        | 1   |
| 40     |      | 402-28431     | PRESSER_CYLINDER_ARM                     | 押えシリンダ腕        | 1   |
| 41     |      | 402-28432     | CYLINDER                                 | シリンダ           | 1   |
| 42     |      | 403-13807     | SCREW                                    | ねじ             | 2   |
| 43     |      | 402-34433     | SCREW                                    | ねじ             | 2   |
| 44     |      | 402-28171     | WASHER                                   | 平座金            | 2   |
| 45     |      | 402-28598     | SPRING_WASHER                            | ばね座金           | 2   |
| 46     |      | 403-13816     | ROTARY_KNIFE_PRESSER_CYLINDER_PLATE      | 回転メス押えシリンダプレート | 1   |
| 47     |      | 402-28433     | KNIFE_PRESSER_SHAFT                      | 切刀押え軸          | 1   |
| 48     |      | 402-28434     | BASE                                     | 取付土台           | 1   |
| 49     |      | PS-0200082-KH | SPRING_PIN                               | スプリングピン        | 1   |
| 50     |      | WS-0410002-KP | SPRING_WASHER                            | ばね座金           | 1   |
| 51     |      | WP-0460556-SD | WASHER 4.6X7.5X0.5                       | 平座金            | 1   |
| 52     |      | 403-13934     | FIXED_KNIFE_BASE_ASSEMBLY_PLATE_CONNECTI | 固定メスベース組付け板連結板 | 1   |
| 53     |      | 403-13935     | BASE_ASSEMBLY_PLATE_BLOCK                | ベース組付け板ブロック    | 1   |
| 54     |      | 402-34447     | SCREW                                    | ねじ             | 2   |
| 55     |      | 402-28185     | SCREW                                    | ねじ             | 1   |
| 56     |      | 402-28598     | SPRING_WASHER                            | ばね座金           | 1   |
| 57     |      | 402-28171     | WASHER                                   | 平座金            | 1   |
| 58     |      | 403-13936     | BASE_ASSEMBLY_PLATE_BLOCK                | ベース組付け板ブロック    | 1   |
| 59     |      | 402-28223     | SCREW                                    | ねじ             | 2   |
| 60     |      | 402-34452     | WASHER                                   | ばね座金           | 2   |
| 61     |      | 402-34571     | WASHER                                   | 平座金            | 2   |
| 62     |      | 403-13937     | BASE_ASSEMBLY_PLATE_BLOCK                | ベース組付け板ブロック    | 1   |
| 63     |      | 403-13938     | BASE_ASSEMBLY_PLATE_BLOCK                | ベース組付け板ブロック    | 1   |
| 64     |      | 403-13939     | BASE_ASSEMBLY_PLATE_SUPPLEMENTARY_CONNEC | ベース組付け板連結板     | 1   |
| 65     |      | 402-28223     | SCREW                                    | ねじ             | 2   |
| 66     |      | 402-34494     | SCREW                                    | ねじ             | 2   |

# 28. ROTARY KNIFE COMPONENTS (SUBCLASS)

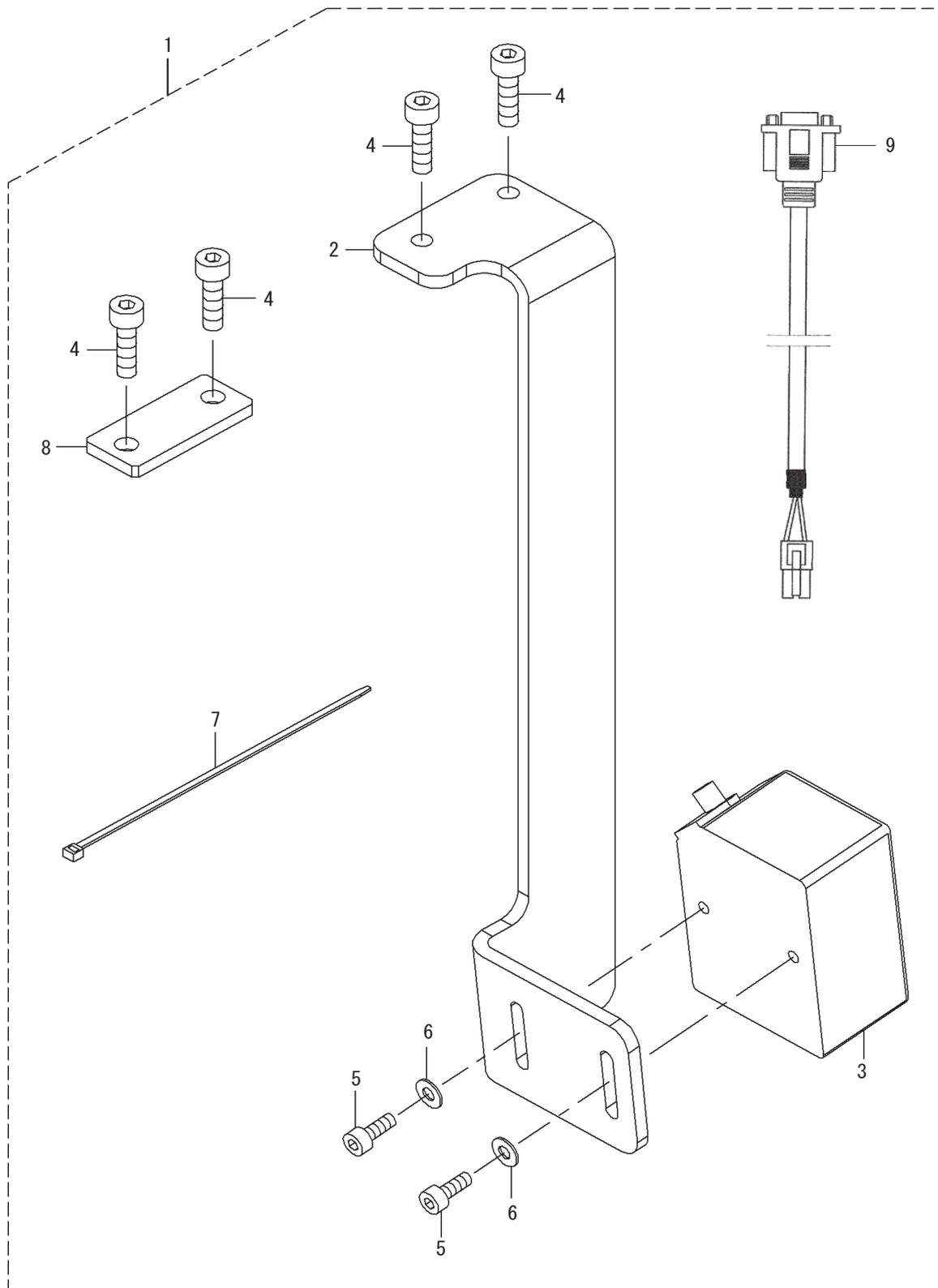
回転動メス部品関係 (サブクラス)



| REF.NO | NOTE | PART NO   | DESCRIPTION                     | 品名             | Qty |
|--------|------|-----------|---------------------------------|----------------|-----|
| 1      |      | 403-13786 | MOVING_KNIFE_BASE               | 動メスベース         | 1   |
| 2      |      | 402-28438 | MOVING_KNIFE_BUSHING_UPPER      | 動メス棒メタル上       | 1   |
| 3      |      | 403-13787 | ROTARY_MOTOR_PLATE              | 回転モータ組付け板      | 1   |
| 4      |      | 402-34451 | SCREW                           | ねじ             | 8   |
| 5      |      | 402-34452 | WASHER                          | ばね座金           | 8   |
| 6      |      | 402-34571 | WASHER                          | 平座金            | 14  |
| 7      |      | 402-34447 | SCREW                           | ねじ             | 4   |
| 8      |      | 403-13550 | SPIN_KNIFE_MOTOR                | 回転メスモータ        | 1   |
| 9      |      | 402-28420 | MOTOR_TIMING_SPROCKET           | モータタイミングスプロケット | 1   |
| 10     |      | 402-34502 | SCREW                           | ねじ             | 2   |
| 11     |      | 402-28421 | MOTOR_TIMING_BELT               | モータタイミングベルト    | 1   |
| 12     |      | 402-35592 | TIMING_SPROCKET                 | タイミングスプロケット    | 1   |
| 13     |      | 402-28422 | CONNECTION                      | 抱き             | 1   |
| 14     |      | 402-28598 | SPRING_WASHER                   | ばね座金           | 5   |
| 15     |      | 402-28171 | WASHER                          | 平座金            | 5   |
| 16     |      | 402-28448 | MOVING_KNIFE_PIN_ASM            | 動メス連接軸(組)      | 1   |
| 17     |      | 402-28569 | MOVING_KNIFE_LOWER_BUSHING_ASM  | 動メス棒下メタル(組)    | 1   |
| 18     |      | 402-28449 | CYLINDER_LIFTING_PLATE_ASM      | シリンダー引上げ板(組)   | 1   |
| 19     |      | 402-28185 | SCREW                           | ねじ             | 5   |
| 20     |      | 402-28423 | MOVING_KNIFE_SHAFT_CONNECTING   | 動メス軸抱き         | 2   |
| 21     |      | 402-35593 | SCREW                           | ねじ             | 2   |
| 22     |      | 402-28563 | WASHER                          | 平座金            | 2   |
| 23     |      | 402-28439 | SPIN_MOVING_KNIFE_PIN           | 回転動メス連接軸       | 1   |
| 24     |      | 402-28450 | RAISING_PLATE_CYLINDER_BASE     | 引上げ板シリンダー取付板   | 1   |
| 25     |      | 402-28451 | RAISING_PLATE_CYLINDER          | 引上げ板シリンダー取付板   | 1   |
| 26     |      | 402-83785 | JOINT                           | 継手             | 1   |
| 27     |      | 402-28453 | OIL_INSTRUCTION_PLATE           | 油指示取付板         | 1   |
| 28     |      | 402-35594 | MOVING_KNIFE_ARM                | 動メス腕           | 1   |
| 29     |      | 402-28183 | SCREW                           | 六角穴ボルト         | 5   |
| 30     |      | 403-13788 | SCREW                           | ねじ             | 4   |
| 31     |      | 402-28440 | MOVING_KNIFE_MOTOR              | 動メスモータ         | 1   |
| 32     |      | 402-28065 | SCREW                           | ねじ             | 4   |
| 33     |      | 403-13789 | MOVING_KNIFE_MOTOR_PLATE        | 動メスモータ組付け板     | 1   |
| 34     |      | 403-13790 | MOVING_KNIFE_MOTOR_PLATE_BUSH   | 動メスモータ組付け板ブッシュ | 1   |
| 35     |      | 402-28504 | SCREW                           | ねじ             | 2   |
| 36     |      | 403-13791 | WASHER                          | 座金             | 1   |
| 37     |      | 403-13796 | WASHER                          | 座金             | 1   |
| 38     |      | 403-13792 | WASHER                          | 座金             | 1   |
| 39     |      | 402-34436 | WASHER                          | 平座金            | 1   |
| 40     |      | 402-34435 | SPRING_WASHER                   | ばね座金           | 1   |
| 41     |      | 403-13797 | NUT                             | ナット            | 4   |
| 42     |      | 403-13793 | SCREW                           | ねじ             | 1   |
| 43     |      | 402-28442 | REVERSION_SPRING                | 復位ばね           | 1   |
| 44     |      | 403-13832 | MOVING_KNIFE_HEIGHT_LIMIT_BLOCK | 動メス高さ限位ブロック    | 1   |
| 45     |      | 402-28443 | NUT                             | ナット            | 2   |
| 46     |      | 403-13794 | MOVING_KNIFE_CYLINDER_PLATE     | 動メスシリンダー組付け板   | 1   |
| 47     |      | 402-68767 | SCREW                           | ねじ             | 1   |
| 48     |      | 402-28444 | CYLINDER                        | シリンダー          | 1   |
| 49     |      | 402-65882 | CYLINDER_JOINT                  | シリンダ継手         | 2   |
| 50     |      | 403-13798 | NUT                             | ナット            | 2   |
| 51     |      | 402-28445 | SPIN_MOVING_KNIFE_SHAFT         | 回転動メス軸         | 1   |
| 52     |      | 402-28460 | MOVING_KNIFE_SPACER             | 動メススペーサー       | 1   |
| 53     |      | 402-34439 | SCREW                           | 皿小ねじ           | 2   |
| 54     |      | 402-37598 | MOVING_KNIFE_COVER              | 動メスカバー         | 1   |
| 55     | ☆    | 402-28712 | MOVING_KNIFE                    | 動メス            | 1   |
| 56     |      | 402-28447 | MOVING_KNIFE_BASE_SEAT_PLATE    | 動メスベース座板       | 1   |
| 57     |      | 402-34441 | SCREW                           | ねじ             | 7   |
| 58     |      | 402-28568 | MOVING_KNIFE_COVER              | 動メスカバー         | 1   |
| 59     |      | 403-13795 | SCREW                           | ねじ             | 4   |
| 60     |      | 402-39269 | REST_SPRING_LINK_PLATE_B        | 復位ばね連接板B       | 1   |
| 61     |      | 402-38353 | RESET_SPRING_LINK_PLATE         | 復位ばね連接板        | 1   |

## 29. BARCODE READER (SUBCLASS)

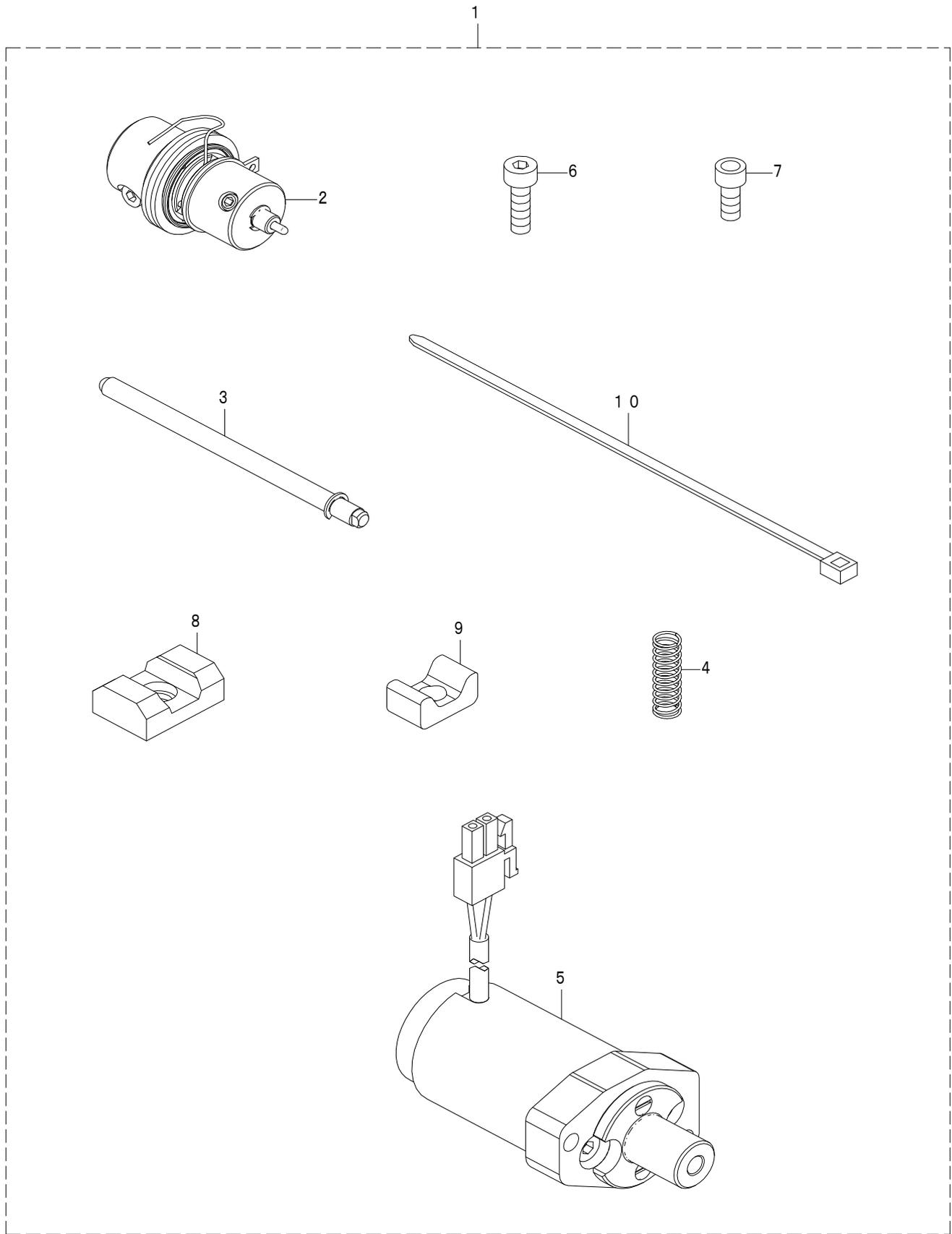
バーコードリーダー (サブクラス)



| REF.NO | NOTE | PART NO   | DESCRIPTION          | 品名              | Qty |
|--------|------|-----------|----------------------|-----------------|-----|
| 1      |      | 403-13595 | BARCODE_READER       | バーコードリーダー       | 1   |
| 2      |      | 402-34788 | BARCODE_READER_PLATE | バーコードリーダー取付板    | (1) |
| 3      |      | 402-35199 | BARCODE_READER       | バーコードリーダー       | (1) |
| 4      |      | 402-34468 | SCREW                | ねじ              | (4) |
| 5      |      | 402-35200 | SCREW                | ねじ              | (2) |
| 6      |      | 402-34514 | WASHER               | 座金              | (2) |
| 7      |      | 402-35332 | CABLE_BAND           | 束線バンド           | (1) |
| 8      |      | 402-40831 | PLATE                | 取付板             | (1) |
| 9      |      | 403-13551 | BARCODE_READER_CABLE | バーコードリーダー中継ケーブル | (1) |

### 30. ACTIVE TENSION COMPONENTS

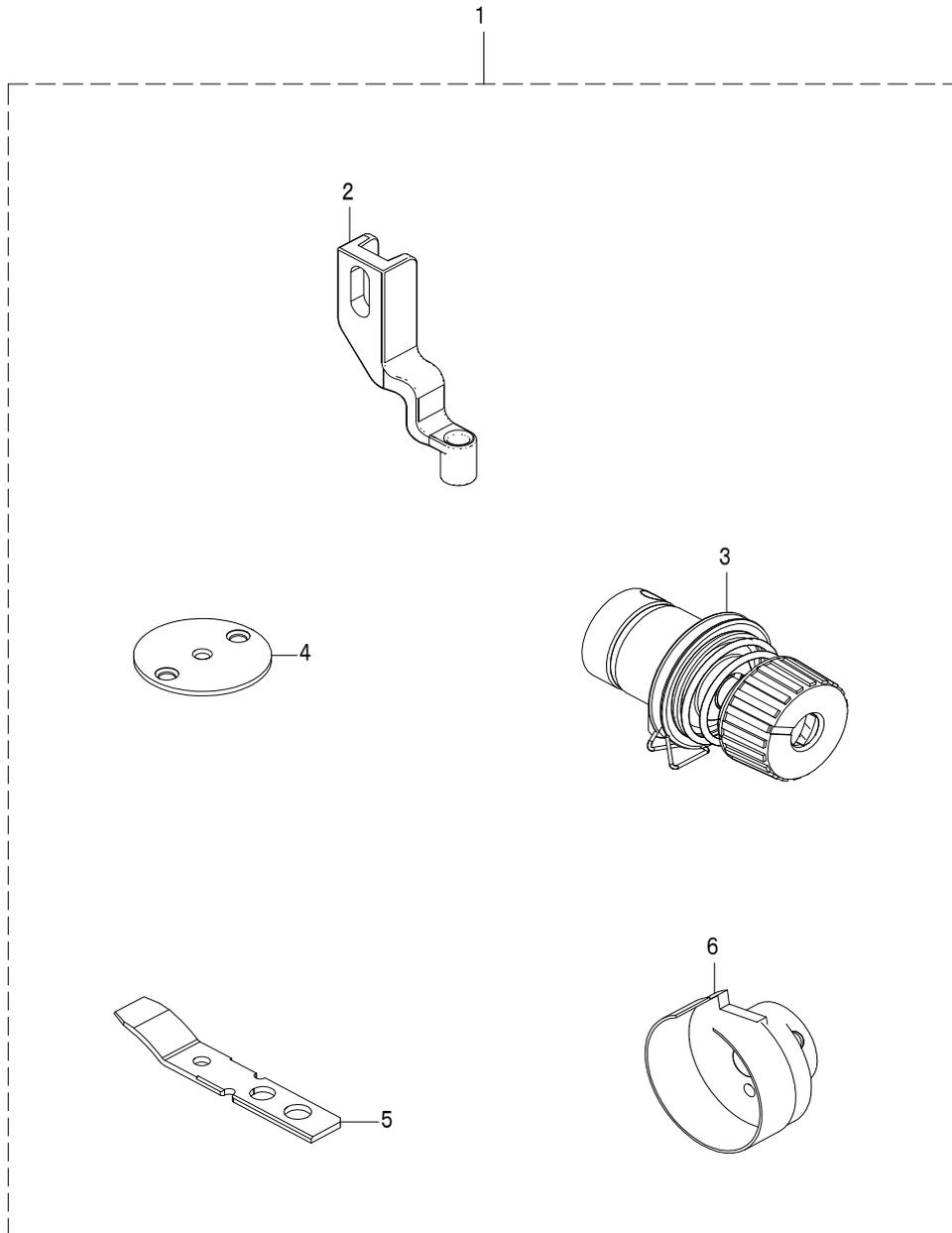
アクティブテンション関係



| REF.NO | NOTE | PART NO       | DESCRIPTION               | 品名             | Qty |
|--------|------|---------------|---------------------------|----------------|-----|
| 1      |      | 403-13814     | ACTIVE_TENSION_DEVICE     | アクティブテンション装置組  | 1   |
| 2      |      | 401-72470     | THREAD_TENSION_ASM        | 糸調子 (組)        | (1) |
| 3      |      | 402-44934     | THREAD_TENSION_SHAFT_ASSY | 糸緩め補助軸 (組)     | (1) |
| 4      |      | 402-43919     | AT_SPRING                 | A Tばね          | (1) |
| 5      |      | 402-44974     | AT_SOLENOID_ASSY          | アクティブテンション (組) | (1) |
| 6      |      | SM-6041402-TP | SCREW M4 L=14             | 六角穴ボルト M4      | (2) |
| 7      |      | SM-6041002-TN | SCREW                     | ロッククアナ ボルト     | (1) |
| 8      |      | KX-0000002-10 | SADDLE TYPE TIE MOUNT     | タイマウント         | (2) |
| 9      |      | HX-0029400-00 | FIXED BASE                | 固定ベース          | (1) |
| 10     |      | EA-9500B02-00 | CABLE BAND 150            | 結束バンド150       | (6) |

### 31. THICK MATERIAL COMPONENTS

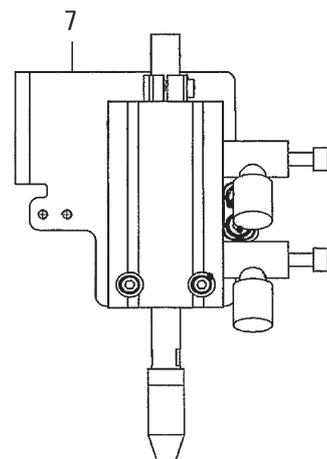
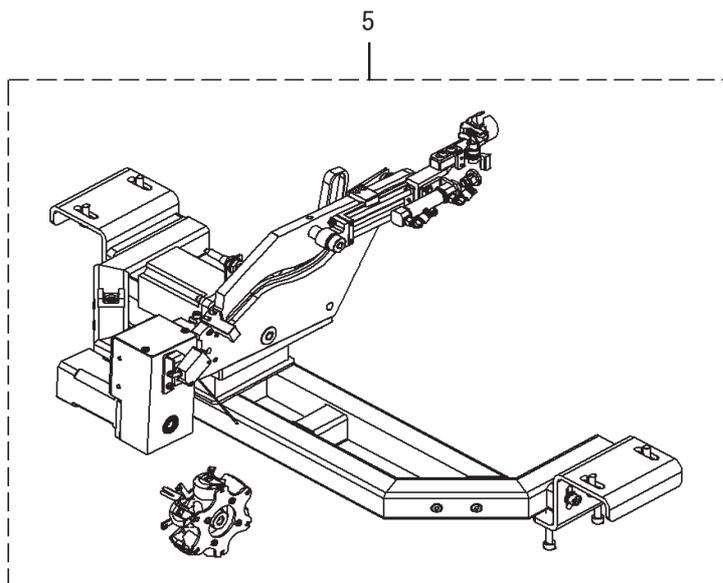
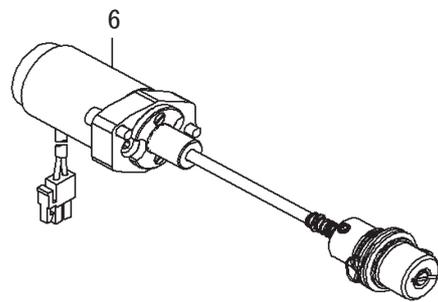
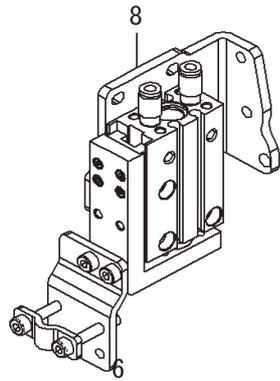
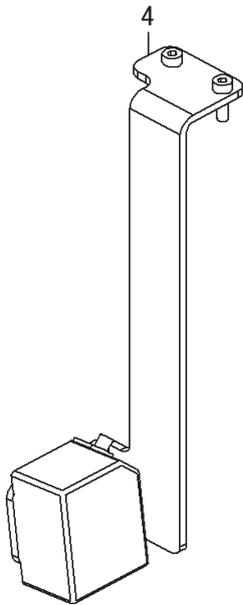
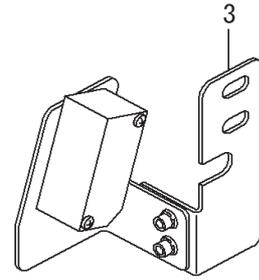
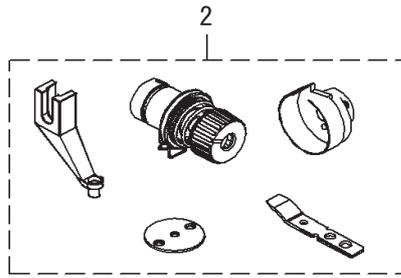
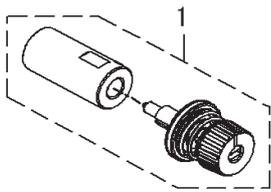
厚物キット関係



| REF.NO | NOTE | PART NO   | DESCRIPTION               | 品名        | Qty |
|--------|------|-----------|---------------------------|-----------|-----|
| 1      |      | 402-28701 | THICK_MATERIAL_KIT        | 厚物キット     | 1   |
| 2      |      | 402-28075 | INTERMEDIATE_PRESSER_D3.5 | 中押え D=3.5 | (1) |
| 3      |      | 402-34081 | THREAD_TENSION_ASM        | 糸調子(組)(厚) | (1) |
| 4      |      | 402-25499 | NEEDLE_PLATE_D3.0         | 針板 D=3.0  | (1) |
| 5      |      | 402-34080 | FIXED_KNIFE               | 固定メス(厚)   | (1) |
| 6      |      | 403-12031 | HOOK_ASM(H)               | 給油釜(組)_H  | (1) |

## 32. OPTIONAL PARTS COMPONENTS

オプション関係



| REF.NO | NOTE | PART NO   | DESCRIPTION              | 品名            | Qty |
|--------|------|-----------|--------------------------|---------------|-----|
| 1      |      | 403-13596 | THE_THIRD_THREAD_TENSION | 第3糸調子         | 1   |
| 2      |      | 402-28701 | THICK_MATERIAL_KIT       | 厚物キット         | 1   |
| 3      |      | 403-13597 | LOWER_THREAD_SENSOR      | 下糸残量検知        | 1   |
| 4      |      | 403-13595 | BARCODE_READER           | バーコードリーダー     | 1   |
| 5      |      | 403-13601 | BK-11-13085              | BK-11-13085   | 1   |
| 6      |      | 403-13814 | ACTIVE_TENSION_DEVICE    | アクティブテンション装置組 | 1   |
| 7      |      | 403-13593 | PEN HOLDER_N             | ペン刺し_N        | 1   |
| 8      |      | 403-13594 | PEN HOLDER_J             | ペン刺し_J        | 1   |

NUMERICAL INDEX OF PARTS

索引

| PART NO<br>品番 | PAGE<br>頁 | REF<br>NO |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| EA-9500B02-00 | 60        | 10        | 402-28017     | 4         | 10        | 402-28114     | 10        | 6         | 402-28185     | 20        | 48        |
|               |           |           | 402-28018     | 4         | 11        | 402-28115     | 10        | 7         | 402-28185     | 22        | 48        |
| HX-0029400-00 | 60        | 9         | 402-28019     | 4         | 12        | 402-28116     | 10        | 8         | 402-28185     | 50        | 39        |
|               |           |           | 402-28022     | 4         | 18        | 402-28117     | 10        | 9         | 402-28185     | 54        | 55        |
| KX-0000002-10 | 60        | 8         | 402-28023     | 4         | 19        | 402-28118     | 10        | 10        | 402-28185     | 56        | 19        |
|               |           |           | 402-28024     | 4         | 20        | 402-28119     | 10        | 12        | 402-28192     | 12        | 12        |
| MDB-100B0800  | 10        | 11        | 402-28025     | 4         | 22        | 402-28120     | 10        | 14        | 402-28219     | 24        | 67        |
| MDP-170B2100  | 10        | 24        | 402-28025     | 8         | 11        | 402-28123     | 12        | 4         | 402-28223     | 48        | 65        |
|               |           |           | 402-28026     | 4         | 23        | 402-28126     | 8         | 6         | 402-28223     | 48        | 68        |
| PS-0200082-KH | 54        | 49        | 402-28027     | 4         | 24        | 402-28126     | 24        | 5         | 402-28223     | 54        | 3         |
|               |           |           | 402-28028     | 4         | 26        | 402-28130     | 12        | 13        | 402-28223     | 54        | 59        |
| SM-6041002-TN | 60        | 7         | 402-28030     | 4         | 28        | 402-28131     | 12        | 15        | 402-28223     | 54        | 65        |
| SM-6041402-TP | 60        | 6         | 402-28031     | 4         | 29        | 402-28132     | 12        | 16        | 402-28234     | 30        | 4         |
|               |           |           | 402-28032     | 4         | 30        | 402-28133     | 12        | 17        | 402-28236     | 30        | 9         |
| WP-0460556-SD | 54        | 51        | 402-28033     | 4         | 31        | 402-28133     | 14        | 7         | 402-28238     | 30        | 21        |
| WS-0410002-KP | 54        | 50        | 402-28034     | 4         | 32        | 402-28134     | 12        | 21        | 402-28239     | 30        | 22        |
|               |           |           | 402-28034     | 18        | 25        | 402-28135     | 12        | 40        | 402-28240     | 30        | 23        |
| 229-02506     | 4         | 33        | 402-28034     | 26        | 41        | 402-28136     | 12        | 42        | 402-28241     | 30        | 24        |
|               |           |           | 402-28035     | 4         | 34        | 402-28137     | 12        | 43        | 402-28244     | 30        | 29        |
| 401-72470     | 60        | 2         | 402-28035     | 48        | 20        | 402-28138     | 12        | 44        | 402-28245     | 24        | 42        |
| 402-25486     | 14        | 40        | 402-28036     | 16        | 10        | 402-28139     | 12        | 3         | 402-28246     | 24        | 21        |
| 402-25486     | 38        | 5         | 402-28040     | 4         | 35        | 402-28140     | 12        | 5         | 402-28254     | 32        | 9         |
| 402-25489     | 12        | 9         | 402-28041     | 4         | 37        | 402-28145     | 14        | 11        | 402-28255     | 32        | 10        |
| 402-25491     | 2         | 22        | 402-28043     | 4         | 38        | 402-28146     | 14        | 12        | 402-28255     | 42        | 17        |
| 402-25491     | 40        | 3         | 402-28051     | 44        | 4         | 402-28147     | 14        | 13        | 402-28256     | 32        | 11        |
| 402-25491     | 54        | 13        | 402-28056     | 36        | 18        | 402-28148     | 14        | 14        | 402-28256     | 32        | 14        |
| 402-25492     | 12        | 1         | 402-28058     | 32        | 4         | 402-28149     | 14        | 15        | 402-28257     | 32        | 12        |
| 402-25492     | 42        | 35        | 402-28059     | 32        | 3         | 402-28150     | 14        | 16        | 402-28270     | 26        | 33        |
| 402-25494     | 12        | 10        | 402-28061     | 32        | 2         | 402-28150     | 18        | 46        | 402-28271     | 26        | 31        |
| 402-25494     | 42        | 1         | 402-28065     | 2         | 33        | 402-28151     | 14        | 17        | 402-28272     | 32        | 23        |
| 402-25495     | 38        | 4         | 402-28065     | 24        | 24        | 402-28152     | 14        | 18        | 402-28282     | 30        | 38        |
| 402-25495     | 42        | 4         | 402-28065     | 36        | 2         | 402-28153     | 14        | 19        | 402-28282     | 36        | 5         |
| 402-25496     | 40        | 2         | 402-28065     | 36        | 4         | 402-28154     | 14        | 21        | 402-28290     | 8         | 22        |
| 402-25498     | 38        | 1         | 402-28065     | 48        | 48        | 402-28154     | 14        | 45        | 402-28303     | 36        | 1         |
| 402-25499     | 38        | 2         | 402-28065     | 56        | 32        | 402-28155     | 14        | 30        | 402-28304     | 36        | 3         |
| 402-25499     | 62        | 4         | 402-28066     | 34        | 16        | 402-28156     | 14        | 34        | 402-28305     | 36        | 8         |
| 402-25500     | 38        | 3         | 402-28067     | 34        | 17        | 402-28157     | 14        | 35        | 402-28306     | 36        | 10        |
| 402-25501     | 38        | 6         | 402-28067     | 42        | 2         | 402-28158     | 14        | 37        | 402-28307     | 36        | 11        |
| 402-25502     | 38        | 7         | 402-28069     | 34        | 19        | 402-28160     | 14        | 39        | 402-28308     | 36        | 13        |
| 402-25503     | 38        | 8         | 402-28070     | 12        | 26        | 402-28161     | 14        | 41        | 402-28309     | 36        | 14        |
| 402-25504     | 38        | 9         | 402-28072     | 20        | 9         | 402-28166     | 14        | 24        | 402-28310     | 2         | 16        |
| 402-25505     | 40        | 11        | 402-28072     | 22        | 9         | 402-28167     | 14        | 25        | 402-28310     | 36        | 15        |
| 402-25511     | 40        | 9         | 402-28073     | 34        | 15        | 402-28168     | 14        | 27        | 402-28311     | 36        | 16        |
| 402-25512     | 40        | 10        | 402-28073     | 40        | 5         | 402-28169     | 14        | 31        | 402-28316     | 2         | 20        |
| 402-25516     | 40        | 1         | 402-28074     | 40        | 6         | 402-28170     | 14        | 32        | 402-28316     | 54        | 14        |
| 402-27991     | 2         | 4         | 402-28075     | 34        | 21        | 402-28171     | 2         | 8         | 402-28320     | 34        | 4         |
| 402-27992     | 2         | 9         | 402-28075     | 40        | 7         | 402-28171     | 14        | 1         | 402-28324     | 34        | 5         |
| 402-27992     | 6         | 3         | 402-28075     | 62        | 2         | 402-28171     | 18        | 33        | 402-28327     | 34        | 8         |
| 402-27993     | 48        | 75        | 402-28076     | 40        | 8         | 402-28171     | 20        | 20        | 402-28329     | 34        | 9         |
| 402-27994     | 2         | 13        | 402-28077     | 40        | 12        | 402-28171     | 22        | 20        | 402-28331     | 34        | 12        |
| 402-27995     | 2         | 15        | 402-28078     | 40        | 13        | 402-28171     | 28        | 66        | 402-28334     | 34        | 14        |
| 402-27996     | 2         | 18        | 402-28079     | 40        | 4         | 402-28171     | 30        | 18        | 402-28352     | 42        | 3         |
| 402-27997     | 2         | 19        | 402-28083     | 4         | 14        | 402-28171     | 48        | 10        | 402-28356     | 28        | 75        |
| 402-28000     | 2         | 25        | 402-28084     | 34        | 20        | 402-28171     | 50        | 15        | 402-28356     | 42        | 22        |
| 402-28002     | 2         | 28        | 402-28085     | 50        | 11        | 402-28171     | 50        | 41        | 402-28357     | 42        | 23        |
| 402-28003     | 2         | 30        | 402-28089     | 2         | 14        | 402-28171     | 54        | 44        | 402-28359     | 42        | 26        |
| 402-28003     | 42        | 36        | 402-28089     | 4         | 17        | 402-28171     | 54        | 57        | 402-28360     | 42        | 27        |
| 402-28004     | 2         | 31        | 402-28089     | 8         | 2         | 402-28171     | 56        | 15        | 402-28361     | 14        | 23        |
| 402-28005     | 2         | 32        | 402-28089     | 18        | 20        | 402-28172     | 16        | 1         | 402-28361     | 42        | 28        |
| 402-28006     | 2         | 34        | 402-28089     | 20        | 25        | 402-28173     | 16        | 2         | 402-28362     | 28        | 19        |
| 402-28007     | 2         | 38        | 402-28089     | 22        | 25        | 402-28174     | 16        | 5         | 402-28362     | 42        | 29        |
| 402-28008     | 2         | 39        | 402-28089     | 44        | 3         | 402-28175     | 16        | 6         | 402-28363     | 28        | 3         |
| 402-28009     | 2         | 40        | 402-28090     | 24        | 31        | 402-28176     | 16        | 8         | 402-28363     | 42        | 31        |
| 402-28009     | 4         | 4         | 402-28090     | 24        | 36        | 402-28177     | 16        | 9         | 402-28364     | 42        | 32        |
| 402-28009     | 24        | 25        | 402-28102     | 8         | 1         | 402-28181     | 18        | 23        | 402-28365     | 50        | 28        |
| 402-28010     | 2         | 1         | 402-28103     | 8         | 4         | 402-28183     | 2         | 35        | 402-28366     | 18        | 37        |
| 402-28011     | 2         | 2         | 402-28104     | 8         | 5         | 402-28183     | 18        | 24        | 402-28366     | 28        | 4         |
| 402-28012     | 2         | 3         | 402-28106     | 8         | 19        | 402-28183     | 24        | 58        | 402-28366     | 30        | 34        |
| 402-28013     | 4         | 2         | 402-28107     | 8         | 21        | 402-28183     | 24        | 65        | 402-28366     | 50        | 19        |
| 402-28014     | 4         | 5         | 402-28109     | 8         | 24        | 402-28183     | 28        | 64        | 402-28374     | 48        | 21        |
| 402-28015     | 4         | 8         | 402-28110     | 10        | 1         | 402-28183     | 30        | 14        | 402-28376     | 48        | 26        |
| 402-28015     | 10        | 2         | 402-28111     | 10        | 3         | 402-28183     | 34        | 6         | 402-28377     | 48        | 27        |
| 402-28015     | 12        | 39        | 402-28112     | 10        | 23        | 402-28183     | 56        | 29        | 402-28378     | 48        | 28        |
| 402-28015     | 14        | 33        | 402-28112     | 42        | 21        | 402-28185     | 10        | 19        | 402-28379     | 48        | 29        |
| 402-28016     | 4         | 9         | 402-28113     | 10        | 5         | 402-28185     | 18        | 31        | 402-28383     | 48        | 38        |

NUMERICAL INDEX OF PARTS

索引

| PART NO<br>品番 | PAGE<br>頁 | REF<br>NO |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| 402-28388     | 50        | 10        | 402-28506     | 20        | 34        | 402-28662     | 18        | 19        | 402-34388     | 16        | 3         |
| 402-28390     | 48        | 55        | 402-28506     | 22        | 34        | 402-28663     | 18        | 21        | 402-34391     | 6         | 2         |
| 402-28391     | 2         | 11        | 402-28507     | 20        | 35        | 402-28664     | 18        | 39        | 402-34392     | 6         | 4         |
| 402-28391     | 48        | 56        | 402-28507     | 22        | 35        | 402-28665     | 18        | 40        | 402-34393     | 4         | 21        |
| 402-28392     | 48        | 59        | 402-28508     | 20        | 36        | 402-28666     | 20        | 1         | 402-34393     | 8         | 12        |
| 402-28393     | 48        | 60        | 402-28508     | 22        | 36        | 402-28666     | 22        | 1         | 402-34399     | 10        | 17        |
| 402-28394     | 48        | 61        | 402-28508     | 24        | 55        | 402-28667     | 20        | 2         | 402-34399     | 18        | 45        |
| 402-28395     | 48        | 62        | 402-28509     | 20        | 37        | 402-28667     | 22        | 2         | 402-34399     | 20        | 30        |
| 402-28397     | 42        | 49        | 402-28509     | 22        | 37        | 402-28668     | 20        | 7         | 402-34399     | 22        | 49        |
| 402-28399     | 30        | 27        | 402-28511     | 20        | 16        | 402-28668     | 22        | 7         | 402-34399     | 24        | 2         |
| 402-28406     | 50        | 6         | 402-28511     | 22        | 16        | 402-28669     | 20        | 10        | 402-34399     | 34        | 2         |
| 402-28407     | 50        | 7         | 402-28512     | 20        | 38        | 402-28669     | 22        | 10        | 402-34400     | 12        | 22        |
| 402-28413     | 50        | 18        | 402-28512     | 22        | 38        | 402-28671     | 20        | 24        | 402-34403     | 14        | 38        |
| 402-28420     | 54        | 9         | 402-28522     | 24        | 79        | 402-28671     | 22        | 24        | 402-34405     | 18        | 1         |
| 402-28420     | 56        | 9         | 402-28541     | 20        | 43        | 402-28682     | 24        | 7         | 402-34406     | 18        | 3         |
| 402-28421     | 54        | 11        | 402-28541     | 22        | 43        | 402-28694     | 54        | 32        | 402-34407     | 18        | 4         |
| 402-28421     | 56        | 11        | 402-28541     | 28        | 18        | 402-28701     | 62        | 1         | 402-34408     | 18        | 5         |
| 402-28422     | 54        | 12        | 402-28552     | 26        | 30        | 402-28701     | 64        | 2         | 402-34409     | 18        | 6         |
| 402-28422     | 56        | 13        | 402-28553     | 26        | 14        | 402-28707     | 2         | 37        | 402-34410     | 18        | 8         |
| 402-28423     | 54        | 20        | 402-28554     | 28        | 27        | 402-28707     | 4         | 7         | 402-34411     | 18        | 9         |
| 402-28423     | 56        | 20        | 402-28555     | 28        | 51        | 402-28712     | 42        | 47        | 402-34412     | 18        | 15        |
| 402-28424     | 54        | 26        | 402-28555     | 32        | 7         | 402-28712     | 56        | 55        | 402-34413     | 18        | 16        |
| 402-28425     | 54        | 27        | 402-28559     | 30        | 20        | 402-28718     | 2         | 21        | 402-34413     | 20        | 3         |
| 402-28426     | 42        | 48        | 402-28563     | 56        | 22        | 402-28718     | 24        | 18        | 402-34413     | 22        | 3         |
| 402-28426     | 54        | 28        | 402-28564     | 54        | 24        | 402-28720     | 34        | 7         | 402-34414     | 18        | 17        |
| 402-28427     | 54        | 29        | 402-28565     | 54        | 33        | 402-28722     | 8         | 3         | 402-34415     | 18        | 22        |
| 402-28428     | 54        | 35        | 402-28568     | 56        | 58        | 402-28725     | 10        | 13        | 402-34416     | 18        | 26        |
| 402-28429     | 54        | 38        | 402-28569     | 56        | 17        | 402-28733     | 16        | 4         | 402-34417     | 18        | 28        |
| 402-28430     | 54        | 39        | 402-28573     | 18        | 27        | 402-28734     | 16        | 7         | 402-34418     | 18        | 29        |
| 402-28431     | 54        | 40        | 402-28573     | 48        | 58        | 402-28746     | 24        | 76        | 402-34419     | 18        | 30        |
| 402-28432     | 54        | 41        | 402-28574     | 48        | 57        | 402-28760     | 20        | 13        | 402-34420     | 18        | 34        |
| 402-28433     | 54        | 47        | 402-28583     | 42        | 24        | 402-28760     | 22        | 13        | 402-34421     | 18        | 35        |
| 402-28434     | 54        | 48        | 402-28585     | 2         | 23        | 402-28768     | 42        | 43        | 402-34422     | 18        | 36        |
| 402-28435     | 12        | 41        | 402-28590     | 8         | 7         | 402-28769     | 20        | 17        | 402-34423     | 18        | 38        |
| 402-28435     | 54        | 16        | 402-28591     | 8         | 10        | 402-28769     | 22        | 17        | 402-34423     | 28        | 60        |
| 402-28436     | 54        | 17        | 402-28592     | 8         | 18        | 402-28770     | 48        | 36        | 402-34424     | 18        | 41        |
| 402-28438     | 56        | 2         | 402-28593     | 8         | 20        | 402-28771     | 48        | 30        | 402-34425     | 18        | 43        |
| 402-28439     | 56        | 23        | 402-28594     | 8         | 23        | 402-28772     | 48        | 17        | 402-34425     | 20        | 12        |
| 402-28440     | 56        | 31        | 402-28595     | 8         | 25        | 402-28782     | 42        | 42        | 402-34425     | 22        | 12        |
| 402-28442     | 56        | 43        | 402-28597     | 10        | 15        | 402-28783     | 44        | 5         | 402-34425     | 24        | 20        |
| 402-28443     | 56        | 45        | 402-28598     | 2         | 7         | 402-28788     | 44        | 2         | 402-34425     | 30        | 17        |
| 402-28444     | 56        | 48        | 402-28598     | 10        | 18        | 402-28789     | 42        | 6         | 402-34425     | 30        | 36        |
| 402-28445     | 56        | 51        | 402-28598     | 18        | 32        | 402-28790     | 42        | 7         | 402-34425     | 34        | 1         |
| 402-28447     | 56        | 56        | 402-28598     | 18        | 44        | 402-28791     | 42        | 8         | 402-34425     | 48        | 4         |
| 402-28448     | 56        | 16        | 402-28598     | 20        | 19        | 402-28792     | 42        | 9         | 402-34425     | 50        | 17        |
| 402-28449     | 30        | 5         | 402-28598     | 22        | 19        | 402-28793     | 42        | 10        | 402-34433     | 54        | 43        |
| 402-28449     | 56        | 18        | 402-28598     | 24        | 3         | 402-28794     | 42        | 11        | 402-34434     | 22        | 32        |
| 402-28450     | 56        | 24        | 402-28598     | 28        | 65        | 402-28795     | 42        | 12        | 402-34435     | 8         | 17        |
| 402-28451     | 56        | 25        | 402-28598     | 48        | 9         | 402-28796     | 42        | 13        | 402-34435     | 18        | 13        |
| 402-28453     | 56        | 27        | 402-28598     | 50        | 16        | 402-28797     | 42        | 14        | 402-34435     | 22        | 4         |
| 402-28455     | 54        | 25        | 402-28598     | 50        | 40        | 402-28798     | 42        | 15        | 402-34435     | 26        | 19        |
| 402-28460     | 56        | 52        | 402-28598     | 54        | 45        | 402-28799     | 42        | 16        | 402-34435     | 28        | 8         |
| 402-28468     | 4         | 3         | 402-28598     | 54        | 56        | 402-28800     | 42        | 19        | 402-34435     | 28        | 32        |
| 402-28470     | 4         | 6         | 402-28598     | 56        | 14        | 402-28801     | 42        | 18        | 402-34435     | 50        | 48        |
| 402-28485     | 10        | 4         | 402-28599     | 10        | 21        | 402-28802     | 42        | 20        | 402-34435     | 56        | 40        |
| 402-28486     | 12        | 2         | 402-28600     | 10        | 22        | 402-28804     | 44        | 6         | 402-34436     | 22        | 5         |
| 402-28488     | 14        | 46        | 402-28601     | 12        | 28        | 402-28805     | 42        | 5         | 402-34436     | 26        | 20        |
| 402-28489     | 4         | 13        | 402-28602     | 12        | 34        | 402-28808     | 42        | 34        | 402-34436     | 28        | 33        |
| 402-28489     | 22        | 52        | 402-28603     | 12        | 6         | 402-28811     | 42        | 25        | 402-34436     | 56        | 39        |
| 402-28489     | 26        | 13        | 402-28604     | 12        | 7         | 402-28812     | 32        | 18        | 402-34437     | 20        | 6         |
| 402-28490     | 18        | 2         | 402-28605     | 12        | 8         | 402-28814     | 44        | 7         | 402-34437     | 22        | 6         |
| 402-28492     | 18        | 18        | 402-28606     | 12        | 38        | 402-28815     | 44        | 8         | 402-34438     | 34        | 11        |
| 402-28495     | 18        | 42        | 402-28607     | 14        | 8         | 402-28819     | 42        | 38        | 402-34438     | 54        | 19        |
| 402-28496     | 20        | 8         | 402-28608     | 14        | 26        | 402-28820     | 42        | 37        | 402-34439     | 56        | 53        |
| 402-28496     | 22        | 8         | 402-28609     | 14        | 28        | 402-28822     | 42        | 39        | 402-34440     | 20        | 11        |
| 402-28498     | 14        | 2         | 402-28622     | 14        | 5         | 402-34080     | 12        | 46        | 402-34440     | 22        | 11        |
| 402-28498     | 20        | 14        | 402-28636     | 30        | 16        | 402-34080     | 62        | 5         | 402-34441     | 56        | 57        |
| 402-28498     | 22        | 14        | 402-28637     | 30        | 19        | 402-34081     | 62        | 3         | 402-34444     | 20        | 26        |
| 402-28499     | 20        | 15        | 402-28641     | 42        | 41        | 402-34086     | 24        | 62        | 402-34444     | 22        | 26        |
| 402-28499     | 22        | 15        | 402-28642     | 2         | 6         | 402-34086     | 48        | 72        | 402-34446     | 20        | 27        |
| 402-28501     | 20        | 22        | 402-28646     | 48        | 53        | 402-34087     | 26        | 37        | 402-34446     | 22        | 27        |
| 402-28501     | 22        | 22        | 402-28654     | 48        | 69        | 402-34087     | 28        | 52        | 402-34447     | 54        | 31        |
| 402-28504     | 56        | 35        | 402-28659     | 14        | 36        | 402-34087     | 52        | 2         | 402-34447     | 54        | 54        |
| 402-28505     | 20        | 33        | 402-28660     | 18        | 7         | 402-34386     | 14        | 20        | 402-34447     | 56        | 7         |
| 402-28505     | 22        | 33        | 402-28661     | 18        | 14        | 402-34388     | 14        | 22        | 402-34448     | 20        | 32        |

NUMERICAL INDEX OF PARTS

索引

| PART NO<br>品番 | PAGE<br>頁 | REF<br>NO |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| 402-34449     | 20        | 39        | 402-34524     | 4         | 1         | 402-34588     | 30        | 31        | 402-68663     | 24        | 11        |
| 402-34449     | 22        | 39        | 402-34524     | 26        | 32        | 402-34589     | 30        | 33        | 402-68665     | 22        | 31        |
| 402-34450     | 20        | 40        | 402-34525     | 26        | 34        | 402-34590     | 32        | 19        | 402-68668     | 24        | 22        |
| 402-34450     | 22        | 40        | 402-34525     | 48        | 13        | 402-34591     | 50        | 29        | 402-68669     | 24        | 23        |
| 402-34451     | 20        | 41        | 402-34526     | 26        | 35        | 402-34592     | 50        | 42        | 402-68670     | 24        | 28        |
| 402-34451     | 22        | 41        | 402-34526     | 52        | 5         | 402-34593     | 50        | 30        | 402-68672     | 24        | 32        |
| 402-34451     | 24        | 56        | 402-34527     | 26        | 36        | 402-34597     | 2         | 10        | 402-68672     | 24        | 37        |
| 402-34451     | 34        | 13        | 402-34530     | 28        | 2         | 402-34597     | 2         | 12        | 402-68673     | 24        | 38        |
| 402-34451     | 48        | 46        | 402-34531     | 28        | 5         | 402-34597     | 32        | 17        | 402-68674     | 24        | 39        |
| 402-34451     | 48        | 54        | 402-34532     | 28        | 6         | 402-34597     | 32        | 20        | 402-68675     | 24        | 40        |
| 402-34451     | 54        | 6         | 402-34533     | 28        | 7         | 402-34597     | 36        | 6         | 402-68676     | 24        | 41        |
| 402-34451     | 56        | 4         | 402-34534     | 28        | 9         | 402-34602     | 30        | 35        | 402-68677     | 24        | 43        |
| 402-34452     | 14        | 4         | 402-34534     | 28        | 17        | 402-34786     | 8         | 16        | 402-68678     | 24        | 49        |
| 402-34452     | 20        | 42        | 402-34534     | 50        | 49        | 402-34788     | 58        | 2         | 402-68753     | 24        | 45        |
| 402-34452     | 22        | 42        | 402-34535     | 28        | 10        | 402-35199     | 58        | 3         | 402-68754     | 24        | 46        |
| 402-34452     | 30        | 7         | 402-34536     | 28        | 11        | 402-35200     | 58        | 5         | 402-68755     | 24        | 47        |
| 402-34452     | 48        | 43        | 402-34537     | 28        | 12        | 402-35331     | 42        | 45        | 402-68756     | 24        | 48        |
| 402-34452     | 48        | 49        | 402-34538     | 28        | 13        | 402-35332     | 58        | 7         | 402-68757     | 24        | 44        |
| 402-34452     | 54        | 4         | 402-34539     | 28        | 14        | 402-35588     | 14        | 3         | 402-68758     | 24        | 50        |
| 402-34452     | 54        | 60        | 402-34541     | 28        | 16        | 402-35588     | 30        | 6         | 402-68759     | 24        | 51        |
| 402-34452     | 56        | 5         | 402-34542     | 28        | 20        | 402-35588     | 54        | 15        | 402-68760     | 24        | 52        |
| 402-34453     | 20        | 44        | 402-34543     | 28        | 21        | 402-35592     | 56        | 12        | 402-68761     | 24        | 53        |
| 402-34453     | 22        | 44        | 402-34544     | 28        | 22        | 402-35593     | 54        | 21        | 402-68762     | 24        | 54        |
| 402-34454     | 20        | 45        | 402-34545     | 28        | 23        | 402-35593     | 56        | 21        | 402-68765     | 24        | 63        |
| 402-34454     | 22        | 45        | 402-34546     | 28        | 24        | 402-35594     | 56        | 28        | 402-68766     | 24        | 64        |
| 402-34454     | 24        | 66        | 402-34547     | 28        | 25        | 402-37598     | 56        | 54        | 402-68767     | 48        | 71        |
| 402-34454     | 30        | 25        | 402-34548     | 28        | 26        | 402-37772     | 12        | 14        | 402-68767     | 56        | 47        |
| 402-34454     | 50        | 25        | 402-34549     | 28        | 28        | 402-38353     | 56        | 61        | 402-68771     | 24        | 35        |
| 402-34454     | 50        | 27        | 402-34549     | 30        | 32        | 402-38354     | 42        | 50        | 402-68772     | 24        | 75        |
| 402-34455     | 20        | 46        | 402-34550     | 28        | 29        | 402-38355     | 42        | 51        | 402-68773     | 24        | 29        |
| 402-34455     | 22        | 46        | 402-34551     | 28        | 30        | 402-38556     | 42        | 40        | 402-68787     | 12        | 18        |
| 402-34456     | 20        | 47        | 402-34552     | 8         | 15        | 402-39269     | 56        | 60        | 402-68788     | 12        | 19        |
| 402-34456     | 22        | 47        | 402-34552     | 18        | 12        | 402-40831     | 58        | 8         | 402-68789     | 12        | 20        |
| 402-34457     | 24        | 34        | 402-34552     | 20        | 28        | 402-41376     | 42        | 46        | 402-68791     | 12        | 23        |
| 402-34457     | 48        | 19        | 402-34552     | 22        | 28        | 402-42580     | 32        | 25        | 402-68792     | 12        | 24        |
| 402-34468     | 58        | 4         | 402-34552     | 28        | 31        | 402-43919     | 60        | 4         | 402-68793     | 12        | 25        |
| 402-34469     | 6         | 1         | 402-34553     | 20        | 4         | 402-44934     | 60        | 3         | 402-68794     | 12        | 27        |
| 402-34469     | 24        | 80        | 402-34554     | 20        | 5         | 402-44974     | 60        | 5         | 402-68795     | 12        | 29        |
| 402-34471     | 24        | 6         | 402-34556     | 28        | 35        | 402-52388     | 50        | 21        | 402-68796     | 12        | 30        |
| 402-34494     | 54        | 66        | 402-34557     | 28        | 36        | 402-63257     | 50        | 22        | 402-68798     | 12        | 32        |
| 402-34495     | 32        | 16        | 402-34558     | 28        | 37        | 402-63258     | 50        | 23        | 402-68800     | 12        | 35        |
| 402-34502     | 54        | 10        | 402-34559     | 28        | 38        | 402-63260     | 28        | 72        | 402-68801     | 12        | 36        |
| 402-34502     | 56        | 10        | 402-34560     | 28        | 39        | 402-63260     | 50        | 14        | 402-68802     | 12        | 37        |
| 402-34505     | 26        | 1         | 402-34561     | 28        | 40        | 402-63261     | 50        | 8         | 402-68810     | 26        | 40        |
| 402-34506     | 26        | 2         | 402-34561     | 28        | 42        | 402-63270     | 28        | 69        | 402-68836     | 32        | 1         |
| 402-34507     | 26        | 3         | 402-34562     | 28        | 41        | 402-63270     | 50        | 26        | 402-68836     | 32        | 8         |
| 402-34508     | 26        | 4         | 402-34564     | 28        | 43        | 402-64286     | 50        | 20        | 402-68836     | 32        | 13        |
| 402-34509     | 26        | 5         | 402-34565     | 28        | 46        | 402-64296     | 50        | 24        | 402-68857     | 32        | 15        |
| 402-34510     | 26        | 6         | 402-34566     | 28        | 47        | 402-65882     | 54        | 30        | 402-68857     | 44        | 10        |
| 402-34511     | 26        | 11        | 402-34567     | 28        | 48        | 402-65882     | 56        | 49        | 402-68857     | 52        | 1         |
| 402-34511     | 28        | 63        | 402-34568     | 28        | 49        | 402-66165     | 8         | 8         | 402-68869     | 24        | 57        |
| 402-34511     | 50        | 44        | 402-34569     | 28        | 50        | 402-68486     | 12        | 31        | 402-68914     | 48        | 63        |
| 402-34512     | 26        | 12        | 402-34571     | 2         | 41        | 402-68510     | 30        | 41        | 402-72155     | 14        | 9         |
| 402-34513     | 24        | 27        | 402-34571     | 4         | 42        | 402-68518     | 4         | 15        | 402-72940     | 28        | 59        |
| 402-34513     | 26        | 15        | 402-34571     | 28        | 53        | 402-68519     | 4         | 16        | 402-80063     | 28        | 71        |
| 402-34514     | 14        | 48        | 402-34571     | 30        | 8         | 402-68522     | 34        | 18        | 402-80199     | 52        | 4         |
| 402-34514     | 24        | 26        | 402-34571     | 32        | 6         | 402-68523     | 2         | 27        | 402-80349     | 28        | 73        |
| 402-34514     | 26        | 16        | 402-34571     | 48        | 44        | 402-68527     | 36        | 9         | 402-80472     | 48        | 2         |
| 402-34514     | 54        | 37        | 402-34571     | 48        | 50        | 402-68555     | 8         | 9         | 402-80473     | 48        | 3         |
| 402-34514     | 58        | 6         | 402-34571     | 54        | 5         | 402-68566     | 4         | 41        | 402-80474     | 48        | 5         |
| 402-34515     | 26        | 17        | 402-34571     | 54        | 61        | 402-68567     | 4         | 36        | 402-80475     | 48        | 7         |
| 402-34516     | 26        | 18        | 402-34571     | 56        | 6         | 402-68569     | 4         | 39        | 402-80476     | 48        | 14        |
| 402-34517     | 26        | 21        | 402-34572     | 28        | 54        | 402-68586     | 54        | 34        | 402-80477     | 48        | 15        |
| 402-34517     | 28        | 34        | 402-34575     | 28        | 61        | 402-68626     | 50        | 38        | 402-80478     | 48        | 16        |
| 402-34518     | 26        | 22        | 402-34576     | 18        | 10        | 402-68627     | 26        | 8         | 402-80479     | 48        | 18        |
| 402-34519     | 26        | 23        | 402-34576     | 26        | 10        | 402-68628     | 26        | 9         | 402-80480     | 48        | 22        |
| 402-34519     | 50        | 47        | 402-34576     | 28        | 62        | 402-68630     | 26        | 7         | 402-80481     | 48        | 23        |
| 402-34520     | 26        | 24        | 402-34576     | 50        | 43        | 402-68642     | 24        | 77        | 402-80482     | 48        | 24        |
| 402-34521     | 26        | 25        | 402-34577     | 28        | 67        | 402-68647     | 30        | 37        | 402-80483     | 48        | 25        |
| 402-34522     | 26        | 26        | 402-34578     | 30        | 1         | 402-68657     | 20        | 29        | 402-80484     | 48        | 31        |
| 402-34522     | 26        | 28        | 402-34579     | 30        | 2         | 402-68657     | 22        | 29        | 402-80485     | 48        | 32        |
| 402-34522     | 28        | 45        | 402-34583     | 30        | 11        | 402-68660     | 24        | 8         | 402-80486     | 48        | 33        |
| 402-34523     | 26        | 29        | 402-34584     | 30        | 12        | 402-68660     | 50        | 35        | 402-80487     | 48        | 34        |
| 402-34524     | 2         | 5         | 402-34585     | 30        | 13        | 402-68661     | 24        | 9         | 402-80488     | 48        | 35        |
| 402-34524     | 2         | 24        | 402-34586     | 30        | 15        | 402-68662     | 24        | 10        | 402-80489     | 48        | 37        |

NUMERICAL INDEX OF PARTS

索引

| PART NO<br>品番 | PAGE<br>頁 | REF<br>NO |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| 402-80490     | 48        | 39        | 403-04659     | 24        | 1         | 403-13792     | 56        | 38        |               |           |           |
| 402-80491     | 48        | 40        | 403-04661     | 24        | 59        | 403-13793     | 56        | 42        |               |           |           |
| 402-80492     | 48        | 41        | 403-04662     | 24        | 60        | 403-13794     | 56        | 46        |               |           |           |
| 402-80493     | 48        | 42        | 403-04663     | 24        | 61        | 403-13795     | 56        | 59        |               |           |           |
| 402-80494     | 48        | 45        | 403-04664     | 24        | 68        | 403-13796     | 56        | 37        |               |           |           |
| 402-80495     | 48        | 47        | 403-04665     | 24        | 69        | 403-13797     | 56        | 41        |               |           |           |
| 402-80496     | 48        | 51        | 403-04666     | 24        | 71        | 403-13798     | 56        | 50        |               |           |           |
| 402-80502     | 48        | 64        | 403-04667     | 24        | 72        | 403-13805     | 54        | 2         |               |           |           |
| 402-80503     | 48        | 1         | 403-04668     | 24        | 73        | 403-13806     | 54        | 23        |               |           |           |
| 402-80503     | 48        | 73        | 403-04669     | 24        | 74        | 403-13807     | 54        | 42        |               |           |           |
| 402-80515     | 50        | 1         | 403-07290     | 30        | 39        | 403-13814     | 60        | 1         |               |           |           |
| 402-80516     | 50        | 2         | 403-08514     | 12        | 33        | 403-13814     | 64        | 6         |               |           |           |
| 402-80517     | 50        | 34        | 403-11461     | 12        | 11        | 403-13815     | 34        | 10        |               |           |           |
| 402-80521     | 50        | 9         | 403-11635     | 42        | 33        | 403-13816     | 54        | 46        |               |           |           |
| 402-80618     | 52        | 3         | 403-12031     | 12        | 45        | 403-13820     | 8         | 13        |               |           |           |
| 402-80631     | 46        | 4         | 403-12031     | 62        | 6         | 403-13822     | 8         | 14        |               |           |           |
| 402-80632     | 46        | 2         | 403-12046     | 42        | 30        | 403-13823     | 10        | 20        |               |           |           |
| 402-81440     | 22        | 57        | 403-13466     | 6         | 6         | 403-13824     | 30        | 30        |               |           |           |
| 402-81440     | 24        | 16        | 403-13467     | 32        | 27        | 403-13825     | 48        | 6         |               |           |           |
| 402-81638     | 28        | 70        | 403-13467     | 44        | 9         | 403-13826     | 48        | 11        |               |           |           |
| 402-82352     | 24        | 78        | 403-13469     | 4         | 40        | 403-13827     | 48        | 12        |               |           |           |
| 402-82427     | 22        | 56        | 403-13470     | 54        | 18        | 403-13831     | 54        | 22        |               |           |           |
| 402-82427     | 24        | 13        | 403-13471     | 6         | 5         | 403-13832     | 56        | 44        |               |           |           |
| 402-82429     | 22        | 53        | 403-13473     | 10        | 16        | 403-13932     | 50        | 31        |               |           |           |
| 402-82431     | 22        | 51        | 403-13474     | 24        | 4         | 403-13933     | 54        | 1         |               |           |           |
| 402-82436     | 22        | 55        | 403-13484     | 18        | 11        | 403-13934     | 54        | 52        |               |           |           |
| 402-82436     | 24        | 17        | 403-13498     | 26        | 38        | 403-13935     | 54        | 53        |               |           |           |
| 402-82445     | 20        | 31        | 403-13510     | 28        | 58        | 403-13936     | 54        | 58        |               |           |           |
| 402-82445     | 22        | 50        | 403-13515     | 34        | 3         | 403-13937     | 54        | 62        |               |           |           |
| 402-82602     | 36        | 7         | 403-13516     | 4         | 27        | 403-13938     | 54        | 63        |               |           |           |
| 402-82665     | 36        | 12        | 403-13532     | 32        | 21        | 403-13939     | 54        | 64        |               |           |           |
| 402-82667     | 36        | 19        | 403-13533     | 32        | 22        | 403-14744     | 46        | 6         |               |           |           |
| 402-83783     | 48        | 74        | 403-13538     | 26        | 39        | 403-14745     | 46        | 9         |               |           |           |
| 402-83784     | 48        | 76        | 403-13539     | 28        | 1         | 403-15040     | 50        | 45        |               |           |           |
| 402-83785     | 48        | 66        | 403-13540     | 28        | 15        | 403-15042     | 50        | 46        |               |           |           |
| 402-83785     | 56        | 26        | 403-13540     | 28        | 68        | 403-15048     | 46        | 3         |               |           |           |
| 402-83786     | 48        | 67        | 403-13541     | 28        | 44        | 403-15054     | 46        | 7         |               |           |           |
| 402-83787     | 48        | 52        | 403-13542     | 28        | 55        | 403-15055     | 46        | 8         |               |           |           |
| 402-83789     | 24        | 12        | 403-13543     | 28        | 56        | 403-15238     | 46        | 5         |               |           |           |
| 402-83789     | 48        | 70        | 403-13544     | 28        | 57        | 403-15239     | 20        | 18        |               |           |           |
| 402-86344     | 14        | 44        | 403-13545     | 30        | 3         | 403-15239     | 22        | 18        |               |           |           |
| 402-86809     | 24        | 70        | 403-13546     | 30        | 10        |               |           |           |               |           |           |
| 402-86810     | 48        | 8         | 403-13547     | 30        | 26        |               |           |           |               |           |           |
| 402-87089     | 28        | 74        | 403-13548     | 30        | 28        |               |           |           |               |           |           |
| 402-87131     | 14        | 49        | 403-13549     | 30        | 40        |               |           |           |               |           |           |
| 402-87133     | 14        | 47        | 403-13550     | 54        | 8         |               |           |           |               |           |           |
| 402-87135     | 14        | 29        | 403-13550     | 56        | 8         |               |           |           |               |           |           |
| 402-87138     | 20        | 21        | 403-13551     | 58        | 9         |               |           |           |               |           |           |
| 402-87138     | 22        | 21        | 403-13553     | 32        | 26        |               |           |           |               |           |           |
| 402-87139     | 20        | 23        | 403-13581     | 26        | 27        |               |           |           |               |           |           |
| 402-87139     | 22        | 23        | 403-13581     | 32        | 24        |               |           |           |               |           |           |
| 402-87174     | 4         | 43        | 403-13593     | 64        | 7         |               |           |           |               |           |           |
| 402-87675     | 22        | 30        | 403-13594     | 64        | 8         |               |           |           |               |           |           |
| 402-87680     | 24        | 33        | 403-13595     | 58        | 1         |               |           |           |               |           |           |
| 402-87681     | 24        | 30        | 403-13595     | 64        | 4         |               |           |           |               |           |           |
| 402-87687     | 14        | 42        | 403-13596     | 44        | 1         |               |           |           |               |           |           |
| 402-88862     | 24        | 14        | 403-13596     | 64        | 1         |               |           |           |               |           |           |
| 402-91755     | 22        | 54        | 403-13597     | 64        | 3         |               |           |           |               |           |           |
| 402-91755     | 24        | 15        | 403-13600     | 46        | 1         |               |           |           |               |           |           |
| 402-91780     | 50        | 50        | 403-13601     | 64        | 5         |               |           |           |               |           |           |
| 402-91783     | 50        | 33        | 403-13750     | 2         | 17        |               |           |           |               |           |           |
| 402-91785     | 50        | 32        | 403-13752     | 4         | 25        |               |           |           |               |           |           |
| 402-91786     | 50        | 36        | 403-13753     | 14        | 6         |               |           |           |               |           |           |
| 402-91787     | 50        | 37        | 403-13754     | 14        | 10        |               |           |           |               |           |           |
| 402-91788     | 50        | 12        | 403-13755     | 14        | 43        |               |           |           |               |           |           |
| 402-91789     | 50        | 13        | 403-13757     | 32        | 5         |               |           |           |               |           |           |
| 402-91791     | 48        | 77        | 403-13761     | 36        | 17        |               |           |           |               |           |           |
| 402-91792     | 50        | 5         | 403-13776     | 50        | 4         |               |           |           |               |           |           |
| 402-91803     | 50        | 3         | 403-13786     | 56        | 1         |               |           |           |               |           |           |
| 402-92218     | 2         | 26        | 403-13787     | 54        | 7         |               |           |           |               |           |           |
| 402-92522     | 42        | 44        | 403-13787     | 56        | 3         |               |           |           |               |           |           |
| 402-94299     | 54        | 36        | 403-13788     | 56        | 30        |               |           |           |               |           |           |
| 402-98589     | 2         | 29        | 403-13789     | 56        | 33        |               |           |           |               |           |           |
| 402-98590     | 2         | 36        | 403-13790     | 56        | 34        |               |           |           |               |           |           |
| 403-01263     | 24        | 19        | 403-13791     | 56        | 36        |               |           |           |               |           |           |