

—8103

001326

# PARTS LIST

# VW SERIES

## Industrial Sewing Machine

V7100/D, DE, F, ML

W8100/D, DE, F, C

W8042

W8042-1

EDIÇÃO  
01

 - ORIGINAL

*Original*

1995年11月 第5版 発行

No. 950203

scanado 10/96

Industrial Sewing Machine

# Kansai Special

*27 falls*

## ハーツブック御利用に際して

■ このパーツブックは、1995年11月製造中のVWシリーズのデータにもとずいて作成されたものです。

■ 各機群別に収録され、左側のページに分解イラスト図、右側のページに部品番号、名称、及び数量が記載されています。

■ この本の最後に部品番号インデックスを記載しています。部品番号からの図解、名称の検索に御利用下さい。

■ 部品は、予告なく変更される場合がありますので、あらかじめ御了承下さい。

## INTRODUCTION

■ This parts book is based on data current November 1995.

■ Each mechanism is arranged on facing pages. You will find listed for parts number, names, and quantities.

■ A parts number index is attached to the back of this book for convenience.

■ Parts are subject to change without notice.

## VWシリーズ 表示方法

## VW SERIES INFORMATION

■ W8100は上飾り付です。

W8100 is with top cover thread.

V7100は上飾り無しです。

V7100 is without top cover thread.

■ 針幅です。(インチ)

Needle width (inch)

■ 3は3本針です。

3 is 3 Needle machine.

W 8 1 0 3 D - 1 / 4

■ W8042, W8042-1はポケットフェーシング縫付用です。

W8042, W8042-1 for attaching front pocket facing.

■ Dは地縫用です。

D for plain seaming operation.

DEはレースガム付用です。

DE for attaching elastic lace.

Fはテープ付用です。

F for binding tape operation.

Cはカバーリング用です。

C for covering operation.

MLはピンタック用ミシンです。(縫目形式402)

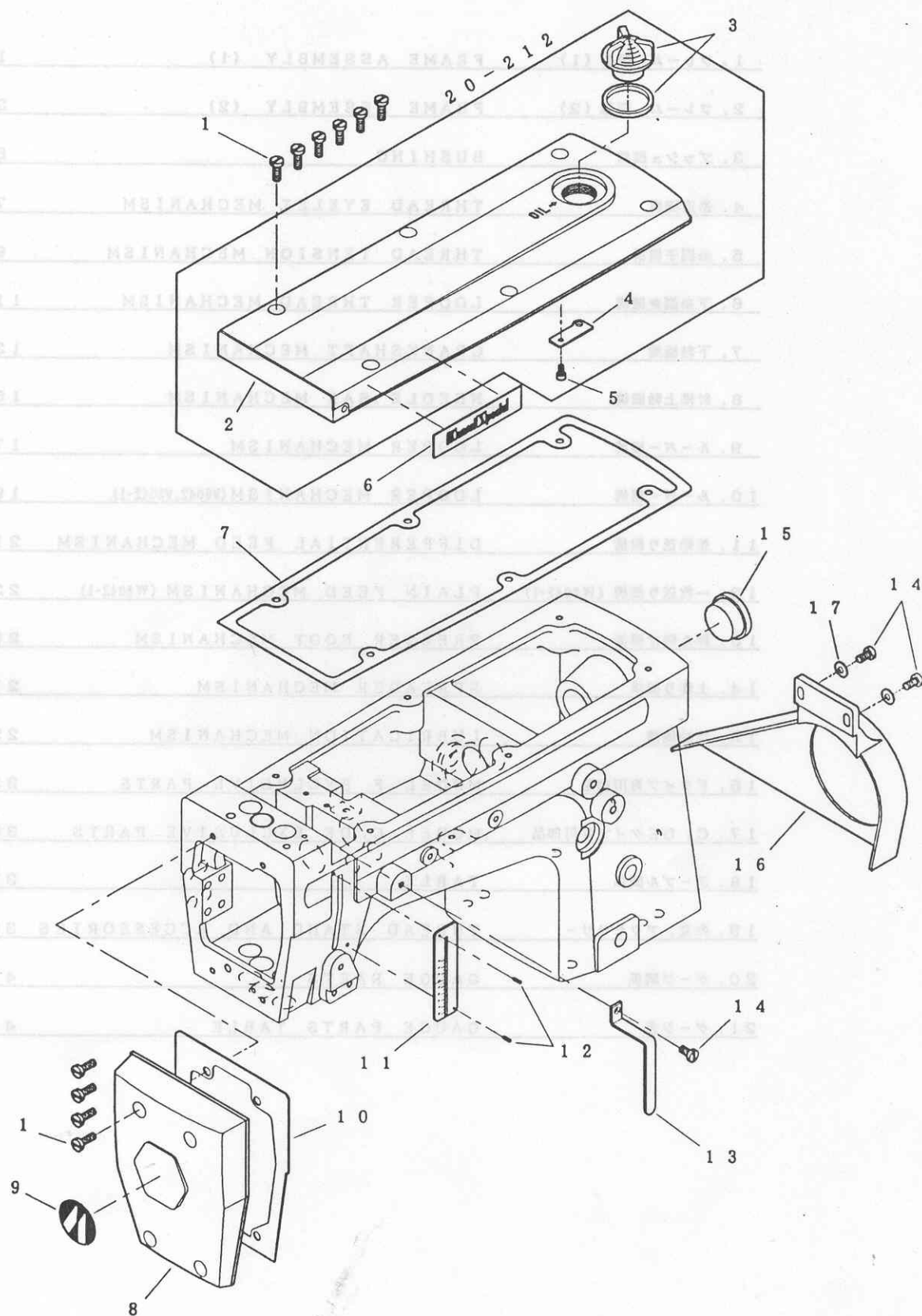
ML for PIN-TUCKING operation.

(seam type 402)

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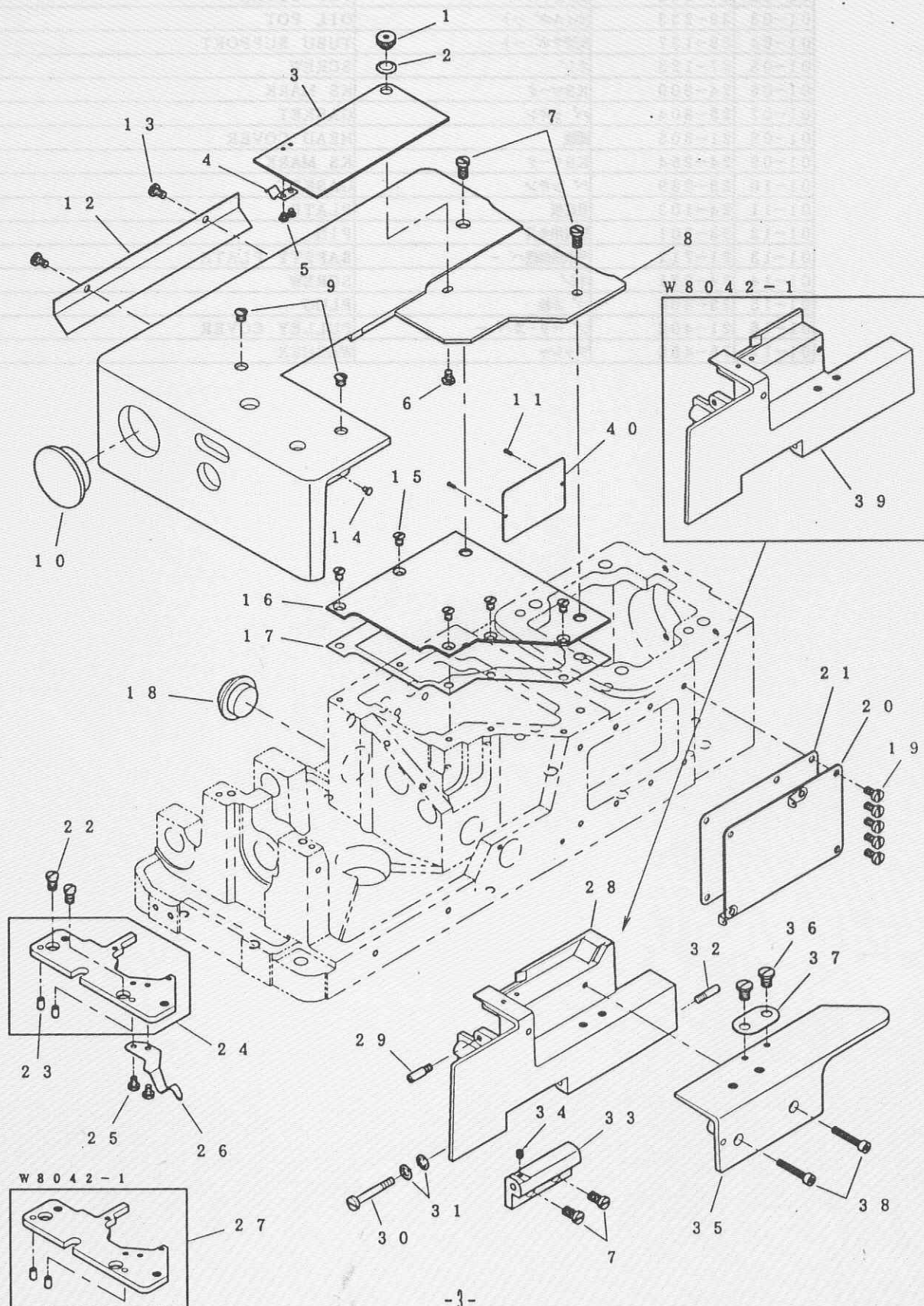
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# 1. フレーム関係 (1) FRAME ASSEMBLY (1)



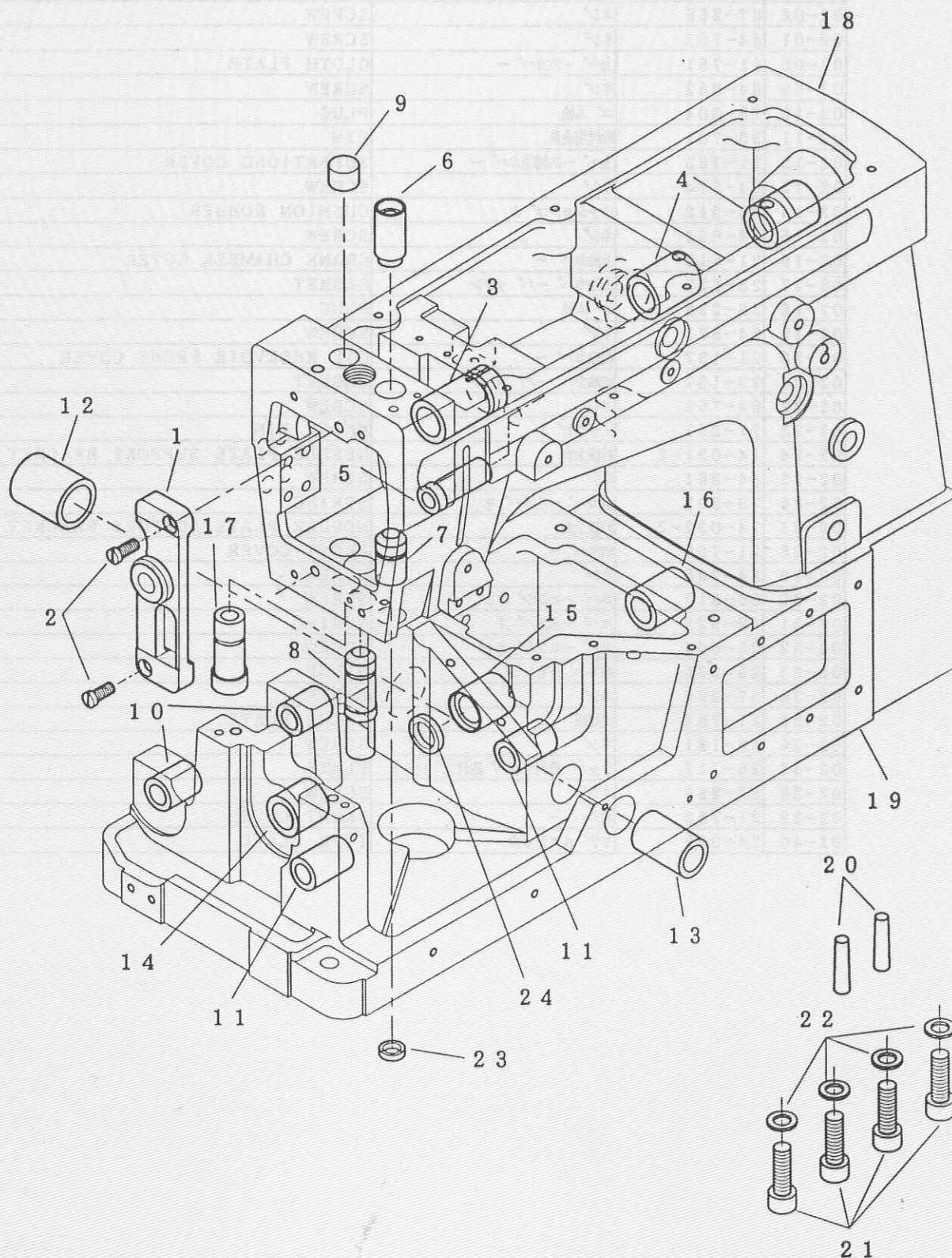
| NO.   | PART NO. | 品 名     | DESCRIPTION  | Qty |
|-------|----------|---------|--------------|-----|
| 01-01 | 84-566   | ネジ      | SCREW        | 10  |
| 01-02 | 21-212   | 立ロットカバー | TOP COVER    | 1   |
| 01-03 | 39-233   | オイルポット  | OIL POT      | 1   |
| 01-04 | 39-137   | 配管サポート  | TUBU SUPPORT | 1   |
| 01-05 | 87-123   | ネジ      | SCREW        | 1   |
| 01-06 | 24-509   | KSマーク   | KS MARK      | 1   |
| 01-07 | 23-804   | パッキン    | GASKET       | 1   |
| 01-08 | 21-805   | 面板      | HEAD COVER   | 1   |
| 01-09 | 24-254   | KSマーク   | KS MARK      | 1   |
| 01-10 | 23-239   | パッキン    | GASKET       | 1   |
| 01-11 | 24-103   | 目盛板     | PLATE        | 1   |
| 01-12 | 93-701   | 取付用金具   | PIN          | 2   |
| 01-13 | 21-712   | 弓糸道保護バー | SAFETY PLATE | 1   |
| 01-14 | 84-571   | ネジ      | SCREW        | 3   |
| 01-15 | 23-800   | ゴム栓     | PLUG         | 1   |
| 01-16 | 21-402   | プーリーカバー | PULLEY COVER | 1   |
| 01-17 | 75-455   | ワッシャー   | WASHER       | 2   |

## 2. フレーム関係 (2) FRAME ASSEMBLY (2)



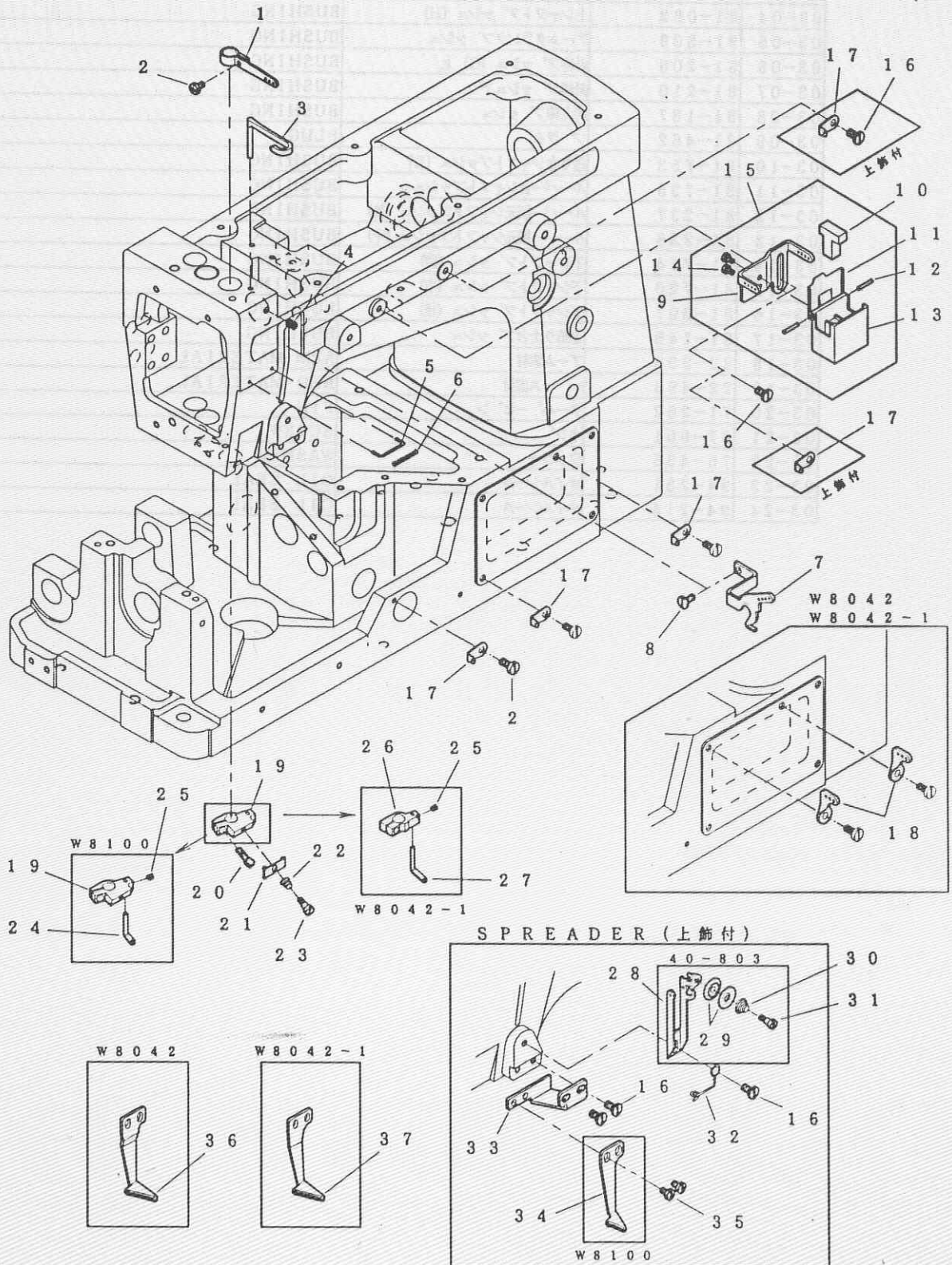
| NO.   | PART NO. | 品 名            | DESCRIPTION                  | Qty |
|-------|----------|----------------|------------------------------|-----|
| 02-01 | 86-266   | ナット            | NUT                          | 1   |
| 02-02 | 75-528   | 波座金            | WASHER                       | 1   |
| 02-03 | 21-782   | 前ベースカバー        | FRONT BASE COVER             | 1   |
| 02-04 | 79-801   | 前ベースカバー止メバネ    | SPRING                       | 1   |
| 02-05 | 84-117   | ネジ             | SCREW                        | 2   |
| 02-06 | 87-266   | ネジ             | SCREW                        | 1   |
| 02-07 | 84-762   | ネジ             | SCREW                        | 4   |
| 02-08 | 21-781   | 上ベースカバー        | CLOTH PLATE                  | 1   |
| 02-09 | 84-862   | ネジ             | SCREW                        | 2   |
| 02-10 | 23-504   | コム栓            | PLUG                         | 1   |
| 02-11 | 93-701   | 取付用金具          | PIN                          | 2   |
| 02-12 | 21-783   | 上ベース補助カバー      | SUPPRTIONG COVER             | 1   |
| 02-13 | 84-574   | ネジ             | SCREW                        | 2   |
| 02-14 | 23-512   | クッションコム        | CUSHION RUBBER               | 1   |
| 02-15 | 84-661   | ネジ             | SCREW                        | 5   |
| 02-16 | 21-519   | 上油カバー          | CRANK CHAMBER COVER          | 1   |
| 02-17 | 23-229   | 上油カバーパッキン      | GASKET                       | 1   |
| 02-18 | 23-296   | コム栓            | PLUG                         | 1   |
| 02-19 | 84-571   | ネジ             | SCREW                        | 5   |
| 02-20 | 21-137   | 前油カバー          | OIL RESEVOIR FRONT COVER     | 1   |
| 02-21 | 23-137   | 前油カバーパッキン      | GASKET                       | 1   |
| 02-22 | 84-761   | ネジ             | SCREW                        | 2   |
| 02-23 | 71-251   | ノックピン          | KNOCK PIN                    | 2   |
| 02-24 | 14-031-2 | 針板土台           | NEEDLE PLATE SUPPORT BRACKET | 1   |
| 02-25 | 84-361   | ネジ             | SCREW                        | 2   |
| 02-26 | 79-802   | 前カバー止メバネ       | SPRING                       | 1   |
| 02-27 | 14-032-2 | 針板土台           | NEEDLE PLATE SUPPORT BRACKET | 1   |
| 02-28 | 21-785   | 前カバー           | FRONT COVER                  | 1   |
| 02-29 | 84-706   | ネジ             | SCREW                        | 1   |
| 02-30 | 25-517   | カバーヒンジネジ       | SCREW                        | 1   |
| 02-31 | 79-922   | カバー用皿バネ        | SPRING                       | 2   |
| 02-32 | 25-503   | カバーヒンジネジ       | SCREW                        | 1   |
| 02-33 | 25-226   | 前カバーヒンジ        | HINGE                        | 1   |
| 02-34 | 87-286   | ネジ             | SCREW                        | 1   |
| 02-35 | 21-784   | 定規板            | RULER PLATE                  | 1   |
| 02-36 | 85-181   | ネジ             | SCREW                        | 2   |
| 02-37 | 26-712   | ラッパ取付ラッパ取付プレート | PLATE                        | 1   |
| 02-38 | 87-285   | ネジ             | SCREW                        | 2   |
| 02-39 | 21-788   | 前カバー           | FRONT COVER                  | 1   |
| 02-40 | 24-029   | モデルステッカー       | TYPE PLATE                   | 1   |

### 3. ブッシュ機構 BUSHING



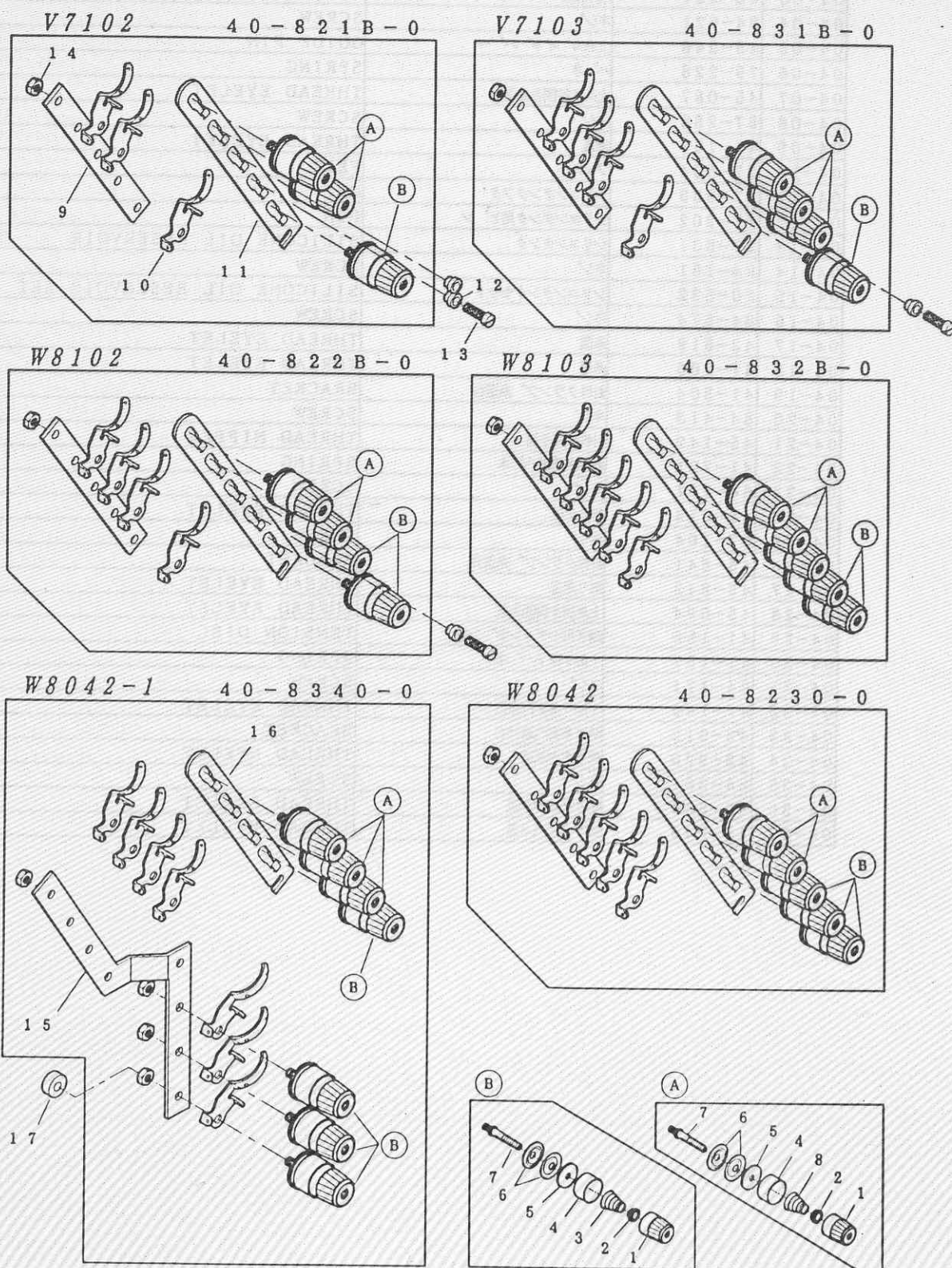
| NO.   | PART NO. | 品 名                | DESCRIPTION  | Qty |
|-------|----------|--------------------|--------------|-----|
| 03-01 | 69-803   | ブ ッシュサポート          | BRACKET      | 1   |
| 03-02 | 84-763   | ネジ                 | SCREW        | 2   |
| 03-03 | 81-081   | 上シャフトブ ッシュ (G)     | BUSHING      | 1   |
| 03-04 | 81-082   | 上シャフトブ ッシュ (H)     | BUSHING      | 2   |
| 03-05 | 81-809   | アームクランクブ ッシュ       | BUSHING      | 1   |
| 03-06 | 81-206   | 針棒ブ ッシュ (G) 上      | BUSHING      | 1   |
| 03-07 | 81-210   | 針棒ブ ッシュ下           | BUSHING      | 1   |
| 03-08 | 81-187   | 押え棒ブ ッシュ           | BUSHING      | 1   |
| 03-09 | 21-452   | プ ラク               | PLUG         | 1   |
| 03-10 | 81-753   | 送り台シャフトブッシュ (B)    | BUSHING      | 2   |
| 03-11 | 81-735   | ルーバー台シャフトブッシュ      | BUSHING      | 2   |
| 03-12 | 81-237   | ルーバー振元シャフトブッシュ (後) | BUSHING      | 1   |
| 03-13 | 81-236   | ルーバー振元シャフトブッシュ (中) | BUSHING      | 1   |
| 03-14 | 81-714   | 下シャフトブ ッシュ (前)     | BUSHING      | 1   |
| 03-15 | 81-720   | 下シャフトブ ッシュ (中)     | BUSHING      | 1   |
| 03-16 | 81-807   | 下シャフトブ ッシュ (後)     | BUSHING      | 1   |
| 03-17 | 81-149   | 上飾り土台ブ ッシュ         | BUSHING      | 1   |
| 03-18 | 22-895   | アーム素材              | ARM MATERIAL | 1   |
| 03-19 | 22-493   | ベ ース素材             | BED MATERIAL | 1   |
| 03-20 | 71-262   | テーパーピン             | PIN          | 2   |
| 03-21 | 87-661   | ネジ                 | SCREW        | 4   |
| 03-22 | 75-436   | ワッシャ               | WASHER       | 4   |
| 03-23 | 94-231   | オイルシール             | OIL SEAL     | 1   |
| 03-24 | 94-214   | オイルシール             | OIL SEAL     | 1   |

# 4. 糸道機構 THREAD EYELET MECHANISM



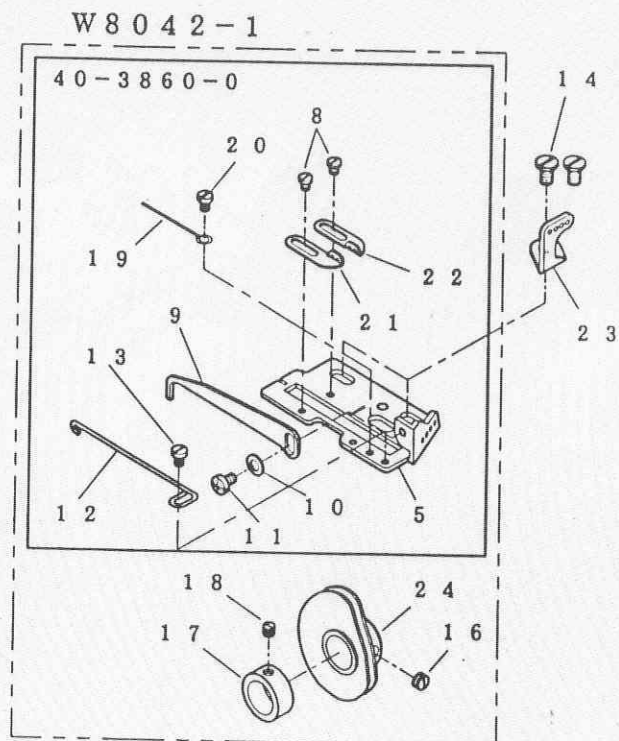
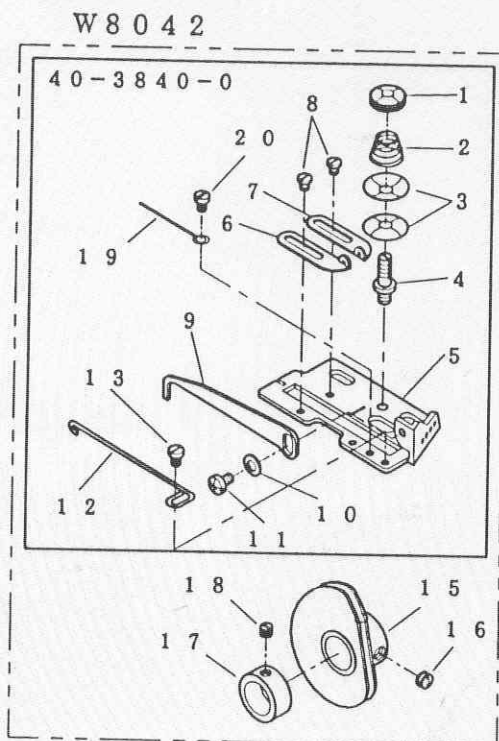
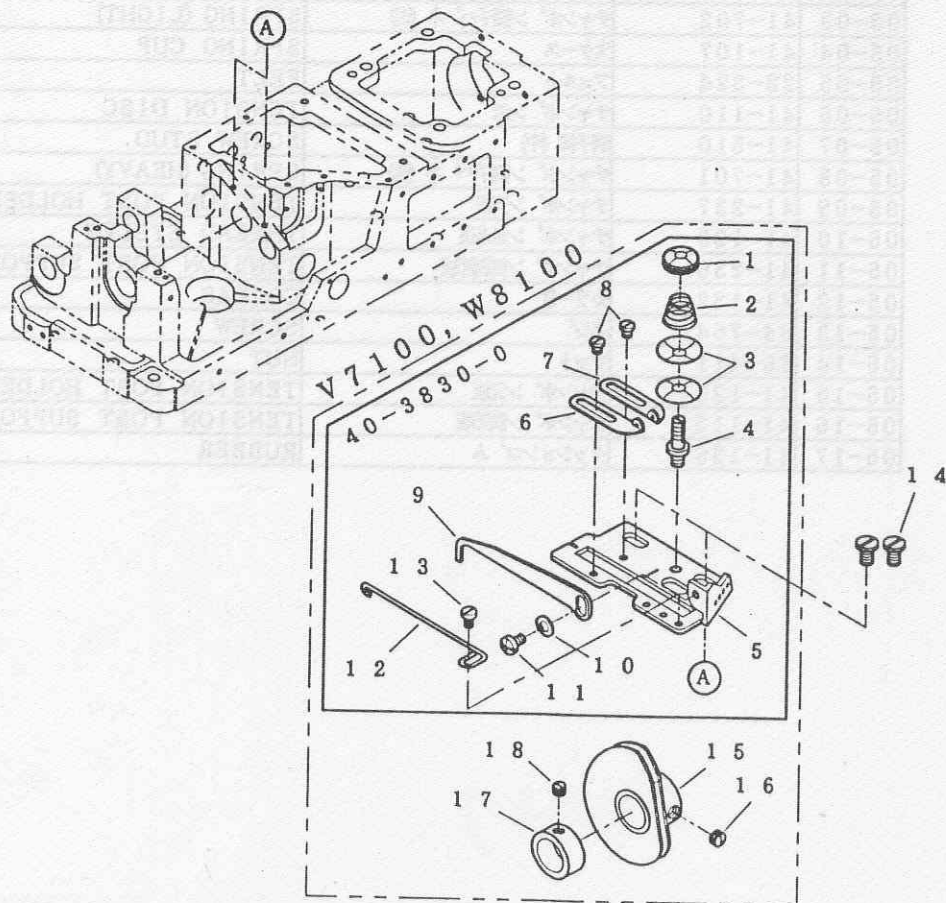
| NO.   | PART NO. | 品 名        | DESCRIPTION                | Qty |
|-------|----------|------------|----------------------------|-----|
| 04-01 | 45-181   | 針棒糸道       | THREAD EYELET              | 1   |
| 04-02 | 84-361   | ネジ         | SCREW                      | 2   |
| 04-03 | 45-251   | 上糸受け       | THREAD SUPPORT             | 1   |
| 04-04 | 84-521   | ネジ         | SCREW                      | 1   |
| 04-05 | 45-246   | 上糸ガイドバー    | GUIDE PIN                  | 1   |
| 04-06 | 79-228   | バネ         | SPRING                     | 1   |
| 04-07 | 45-087   | 上糸天秤掛き糸道   | THREAD EYELET              | 1   |
| 04-08 | 87-288   | ネジ         | SCREW                      | 1   |
| 04-09 | 45-169   | 糸道         | THREAD EYELET              | 1   |
| 04-10 | 27-534   | フェルト       | FELT                       | 1   |
| 04-11 | 27-533   | シリコンタンクフタ  | CAP                        | 1   |
| 04-12 | 71-202   | シリコンタンク用ピン | PIN                        | 2   |
| 04-13 | 27-531   | シリコンタンク    | SILICONE OIL RESERVOIR     | 1   |
| 04-14 | 84-161   | ネジ         | SCREW                      | 2   |
| 04-15 | 20-532   | シリコンタンクセット | SILICONE OIL RESERVOIR SET | 1   |
| 04-16 | 84-574   | ネジ         | SCREW                      | 1~4 |
| 04-17 | 43-519   | 糸道         | THREAD EYELET              | 3~5 |
| 04-18 | 47-166   | 糸道         | THREAD EYELET              | 2   |
| 04-19 | 41-304   | 針株クランプ 糸道台 | BRACKET                    | 1   |
| 04-20 | 84-413   | ネジ         | SCREW                      | 1   |
| 04-21 | 45-142   | 針株小調子皿     | THREAD NIPPER              | 1   |
| 04-22 | 41-721   | 針棒糸道用バネ    | SPRING                     | 1   |
| 04-23 | 84-171   | ネジ         | SCREW                      | 1   |
| 04-24 | 45-914   | 飾り糸道       | THREAD EYELET              | 1   |
| 04-25 | 87-104   | ネジ         | SCREW                      | 1   |
| 04-26 | 45-841   | 針株クランプ 糸道台 | BRACKET                    | 1   |
| 04-27 | 45-843   | 飾り糸道       | THREAD EYELET              | 1   |
| 04-28 | 45-094   | 上糸捌き調節糸道   | THREAD EYELET              | 1   |
| 04-29 | 41-156   | 捌き用小チャンボ 皿 | TENSION DISC               | 2   |
| 04-30 | 41-157   | 上飾り調子バネ    | SPRING                     | 1   |
| 04-31 | 84-171   | ネジ         | SCREW                      | 1   |
| 04-32 | 47-149   | 上飾り糸案内糸道   | THREAD EYELET              | 1   |
| 04-33 | 45-912   | 飾り糸案内取付台   | BRACKET                    | 1   |
| 04-34 | 49-923   | 飾り糸案内糸道    | THREAD EYELET              | 1   |
| 04-35 | 84-361   | ネジ         | SCREW                      | 2   |
| 04-36 | 45-844   | 飾り糸案内糸道    | THREAD EYELET              | 1   |
| 04-37 | 45-845   | 飾り糸案内糸道    | THREAD EYELET              | 1   |

# 5. 糸調子機構 THREAD TENSION MECHANISM



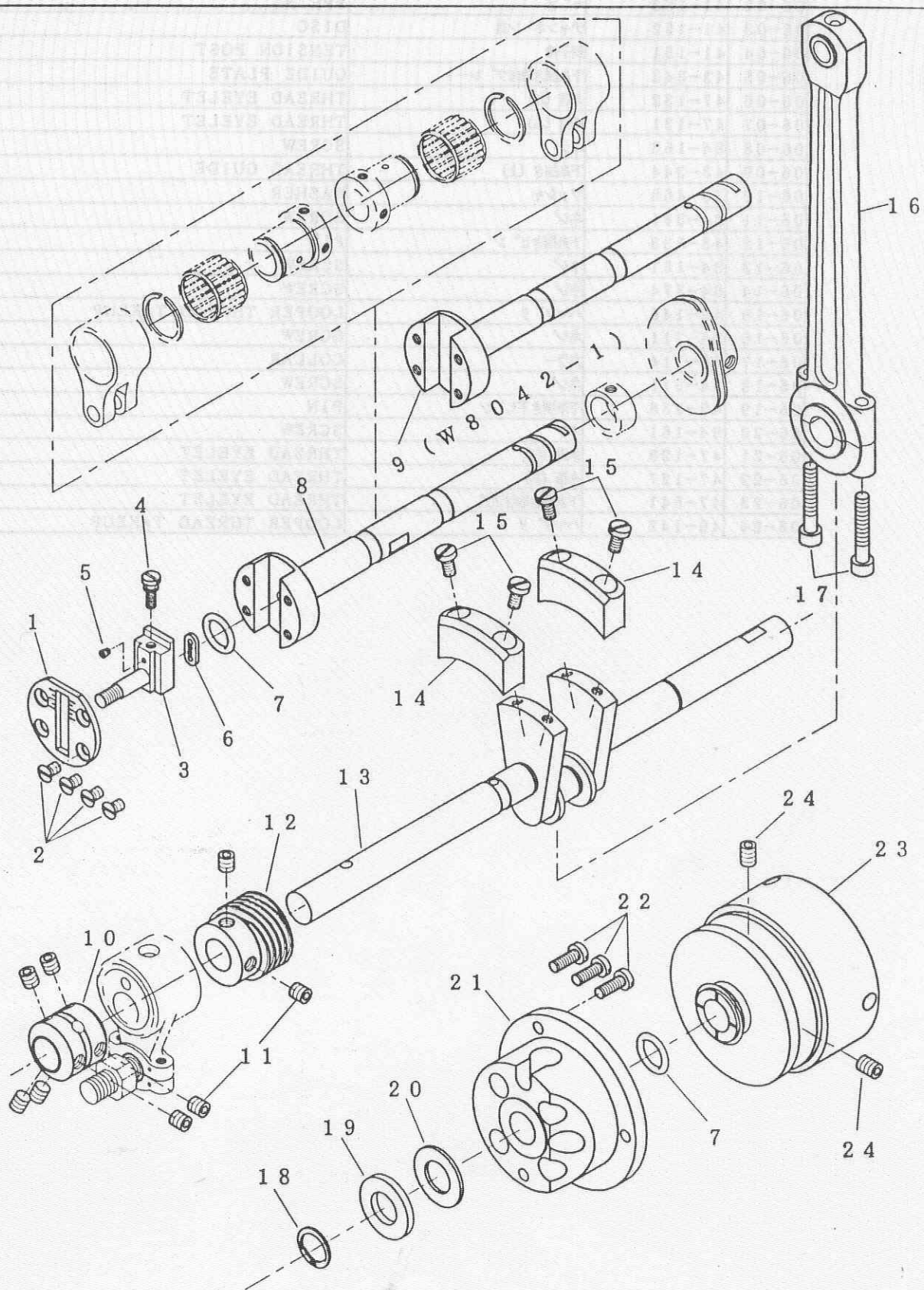
| NO.   | PART NO. | 品 名            | DESCRIPTION          | Qty |
|-------|----------|----------------|----------------------|-----|
| 05-01 | 41-101   | チャンボ ン皿小ケース    | THREAD TENSION NUT   |     |
| 05-02 | 41-105   | チャンボ ン皿ラチェット   | SPRING POST          |     |
| 05-03 | 41-702   | チャンボ ン調子パネ (弱) | SPRING (LIGHT)       |     |
| 05-04 | 41-107   | 大ケース           | SPRING CUP           |     |
| 05-05 | 23-324   | フェルト           | FELT                 |     |
| 05-06 | 41-110   | チャンボ ン皿        | TENSION DISC         |     |
| 05-07 | 41-510   | 調子棒 (中)        | SCREW STUD           |     |
| 05-08 | 41-701   | チャンボ ン調子パネ (強) | SPRING (HEAVY)       |     |
| 05-09 | 41-237   | チャンボ ン元板       | TENSION POST HOLDER  |     |
| 05-10 | 41-120   | チャンボ ン皿糸道      | THREAD EYELET        |     |
| 05-11 | 41-236   | チャンボ ン皿調音板     | TENSION POST SUPPORT |     |
| 05-12 | 41-132   | カラーB           | COLLAR               |     |
| 05-13 | 84-764   | ネジ             | SCREW                |     |
| 05-14 | 86-411   | ナット            | NUT                  |     |
| 05-15 | 41-123   | チャンボ ン元板       | TENSION POST HOLDER  |     |
| 05-16 | 41-113   | チャンボ ン調音板      | TENSION POST SUPPORT |     |
| 05-17 | 41-136   | クッションゴム        | RUBBER               |     |

# 6. 下糸捌き機構 LOOPER THREAD MECHANISM



| NO.   | PART NO. | 品 名        | DESCRIPTION          | Qty |
|-------|----------|------------|----------------------|-----|
| 06-01 | 41-154   | ナット        | NUT                  | 1   |
| 06-02 | 41-153   | バネ         | SPRING               | 1   |
| 06-03 | 41-152   | チャンボ ン皿    | DISC                 | 2   |
| 06-04 | 41-151   | 綱子棒        | TENSION POST         | 1   |
| 06-05 | 43-342   | 下糸捌き取付プレート | GUIDE PLATE          | 1   |
| 06-06 | 47-132   | 糸道 (左)     | THREAD EYELET        | 1   |
| 06-07 | 47-131   | 糸道 (右)     | THREAD EYELET        | 1   |
| 06-08 | 84-163   | ネジ         | SCREW                | 2   |
| 06-09 | 43-344   | 下糸捌き (上)   | THREAD GUIDE         | 1   |
| 06-10 | 75-468   | ワッシャ       | WASHER               | 1   |
| 06-11 | 84-361   | ネジ         | SCREW                | 1   |
| 06-12 | 43-338   | 下糸捌きピン     | PIN                  | 1   |
| 06-13 | 84-161   | ネジ         | SCREW                | 1   |
| 06-14 | 84-574   | ネジ         | SCREW                | 2   |
| 06-15 | 49-146   | ハマグ リ      | LOOPER THREAD TAKEUP | 1   |
| 06-16 | 84-711   | ネジ         | SCREW                | 2   |
| 06-17 | 75-114   | カラー        | COLLAR               | 1   |
| 06-18 | 84-511   | ネジ         | SCREW                | 1   |
| 06-19 | 43-338   | 下糸捌き下ピン    | PIN                  | 1   |
| 06-20 | 84-161   | ネジ         | SCREW                | 1   |
| 06-21 | 47-128   | 糸道 (左)     | THREAD EYELET        | 1   |
| 06-22 | 47-127   | 糸道 (右)     | THREAD EYELET        | 1   |
| 06-23 | 47-841   | 下糸捌き取付糸道   | THREAD EYELET        | 1   |
| 06-24 | 49-142   | ハマグ リ      | LOOPER THREAD TAKEUP | 1   |

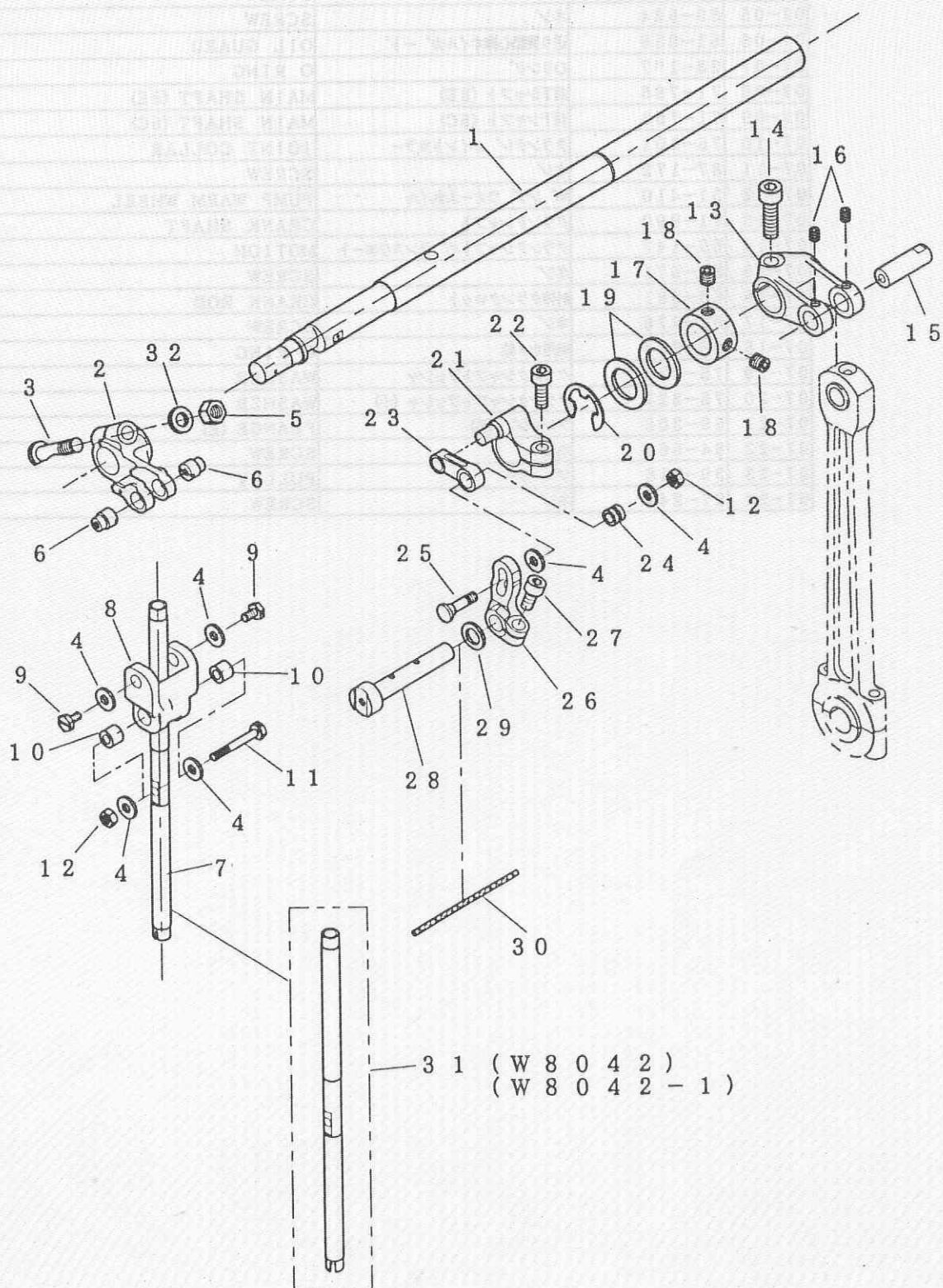
# 7. 下軸機構 CRANKSHAFT MECHANISM



| NO.   | PART NO. | 品 名              | DESCRIPTION        | Qty |
|-------|----------|------------------|--------------------|-----|
| 07-01 | 51-031   | メインシャフトヘッド プレート  | PLATE              | 1   |
| 07-02 | 84-661   | ネジ               | SCREW              | 4   |
| 07-03 | 51-013   | 送り調節心棒 (C)       | ADJUSTING POST (C) | 1   |
| 07-04 | 84-383   | ネジ               | SCREW              | 1   |
| 07-05 | 85-624   | ネジ               | SCREW              | 1   |
| 07-06 | 51-036   | 送り調節心棒オイルガード     | OIL GUARD          | 1   |
| 07-07 | 23-197   | Oリング             | O RING             | 2   |
| 07-08 | 71-785   | 前下シャフト (8E)      | MAIN SHAFT (8E)    | 1   |
| 07-09 | 71-753   | 前下シャフト (5C)      | MAIN SHAFT (5C)    | 1   |
| 07-10 | 75-101   | クランクジョイントカラー     | JOINT COLLAR       | 1   |
| 07-11 | 87-172   | ネジ               | SCREW              | 8   |
| 07-12 | 31-410   | ポンプウォームホイール      | PUMP WARM WHEEL    | 1   |
| 07-13 | 71-890   | クランクシャフト         | CRANK SHAFT        | 1   |
| 07-14 | 69-147   | クランクシャフトパランスウェイト | MOTION             | 2   |
| 07-15 | 84-571   | ネジ               | SCREW              | 4   |
| 07-16 | 63-381   | 針棒クランクロッド        | CRANK ROD          | 1   |
| 07-17 | 87-276   | ネジ               | SCREW              | 2   |
| 07-18 | 93-264   | 軸用止メ輪            | C-RING             | 1   |
| 07-19 | 75-329   | クランクシャフトワッシャ     | WASHER             | 1   |
| 07-20 | 75-327   | クランクシャフトワッシャ (小) | WASHER             | 1   |
| 07-21 | 69-305   | フレンジ (E)         | FLANGE (E)         | 1   |
| 07-22 | 84-566   | ネジ               | SCREW              | 3   |
| 07-23 | 39-216   | プーリー             | PULLEY             | 1   |
| 07-24 | 87-242   | ネジ               | SCREW              | 2   |

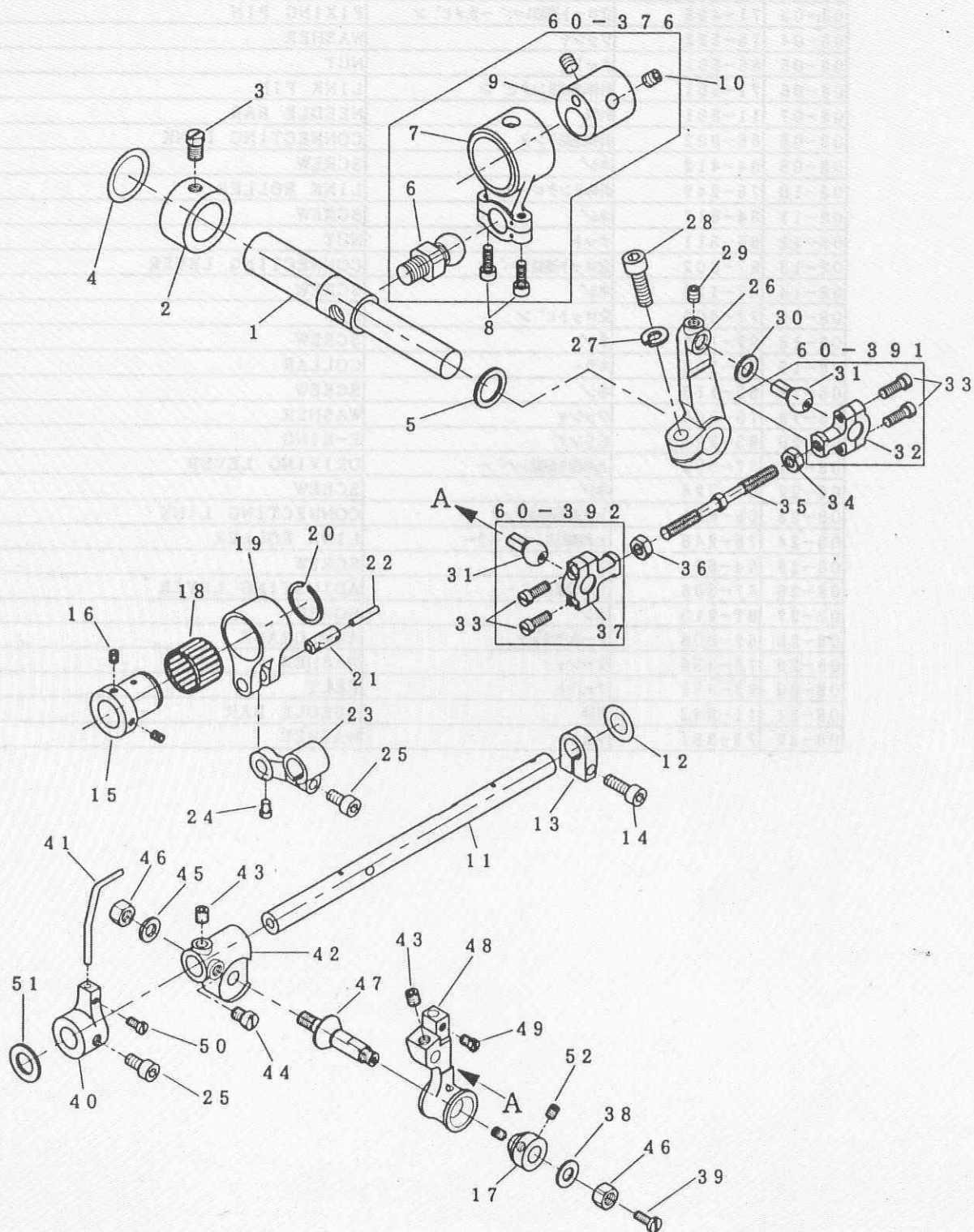
## 8. 針棒上軸機構

## NEEDLE BAR MECHANISM



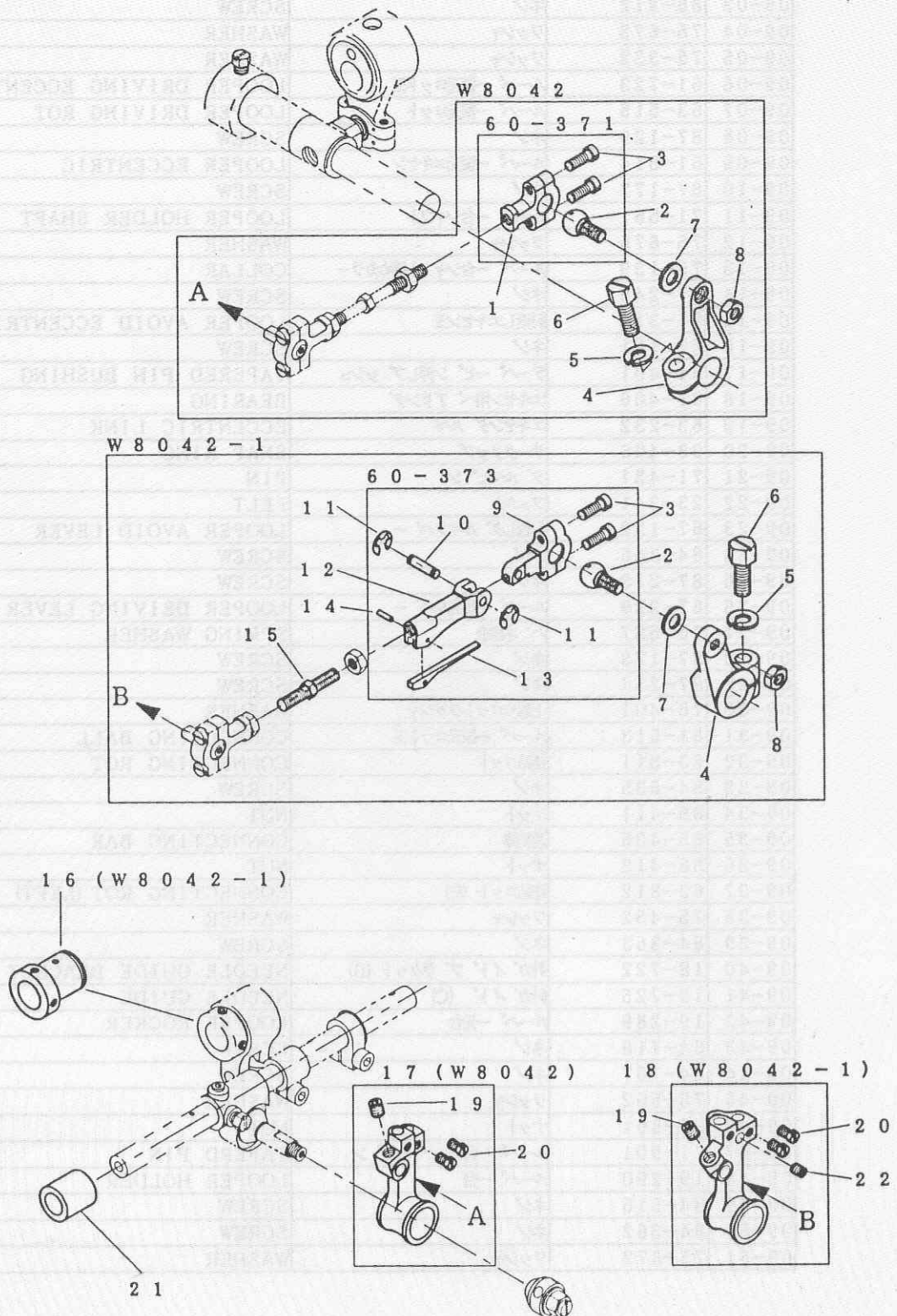
| NO.   | PART NO. | 品 名             | DESCRIPTION      | Qty |
|-------|----------|-----------------|------------------|-----|
| 08-01 | 71-695   | 上シャフト (C)       | UPPER SHAFT (C)  | 1   |
| 08-02 | 67-801   | 針棒クランクレバ ー      | CRANK LEVER      | 1   |
| 08-03 | 71-465   | 立ロット連結レバ ー止メピ ン | FIXING PIN       | 1   |
| 08-04 | 75-522   | ワッシャ            | WASHER           | 6   |
| 08-05 | 86-501   | ナット             | NUT              | 1   |
| 08-06 | 71-501   | 針棒連結リンクピ ン      | LINK PIN         | 2   |
| 08-07 | 11-801   | 針棒              | NEEDLE BAR       | 1   |
| 08-08 | 66-802   | 針棒連結リンク         | CONNECTING LINK  | 1   |
| 08-09 | 84-412   | ネジ              | SCREW            | 2   |
| 08-10 | 75-249   | 針棒リンクローラー       | LINK ROLLER      | 2   |
| 08-11 | 84-617   | ネジ              | SCREW            | 1   |
| 08-12 | 86-311   | ナット             | NUT              | 2   |
| 08-13 | 67-802   | 立ロット連結レバ ー      | CONNECTING LEVER | 1   |
| 08-14 | 87-173   | ネジ              | SCREW            | 1   |
| 08-15 | 71-506   | 立ロットピ ン         | PIN              | 1   |
| 08-16 | 87-181   | ネジ              | SCREW            | 2   |
| 08-17 | 75-106   | カラー             | COLLAR           | 1   |
| 08-18 | 85-113   | ネジ              | SCREW            | 2   |
| 08-19 | 75-306   | ワッシャ            | WASHER           | 2   |
| 08-20 | 93-203   | Eリング            | E-RING           | 1   |
| 08-21 | 67-803   | 上米捌き駆動レバ ー      | DRIVING LEVER    | 1   |
| 08-22 | 87-224   | ネジ              | SCREW            | 1   |
| 08-23 | 66-801   | 上米調節連結リンク       | CONNECTING LINK  | 1   |
| 08-24 | 75-248   | 上米調節リンクローラー     | LINK ROLLER      | 1   |
| 08-25 | 84-599   | ネジ              | SCREW            | 1   |
| 08-26 | 67-806   | 上米調節レバ ー        | ADJUSTING LEVER  | 1   |
| 08-27 | 87-213   | ネジ              | SCREW            | 1   |
| 08-28 | 69-806   | アームクランク         | ARM CRANK        | 1   |
| 08-29 | 75-356   | ワッシャ            | WASHER           | 1   |
| 08-30 | 23-398   | フェルト            | FELT             | 1   |
| 08-31 | 11-842   | 針棒              | NEEDLE BAR       | 1   |
| 08-32 | 75-381   | ワッシャ            | WASHER           | 1   |

# 9. ルーパ<sup>o</sup> - 機構 *LOOPER MECHANISM*



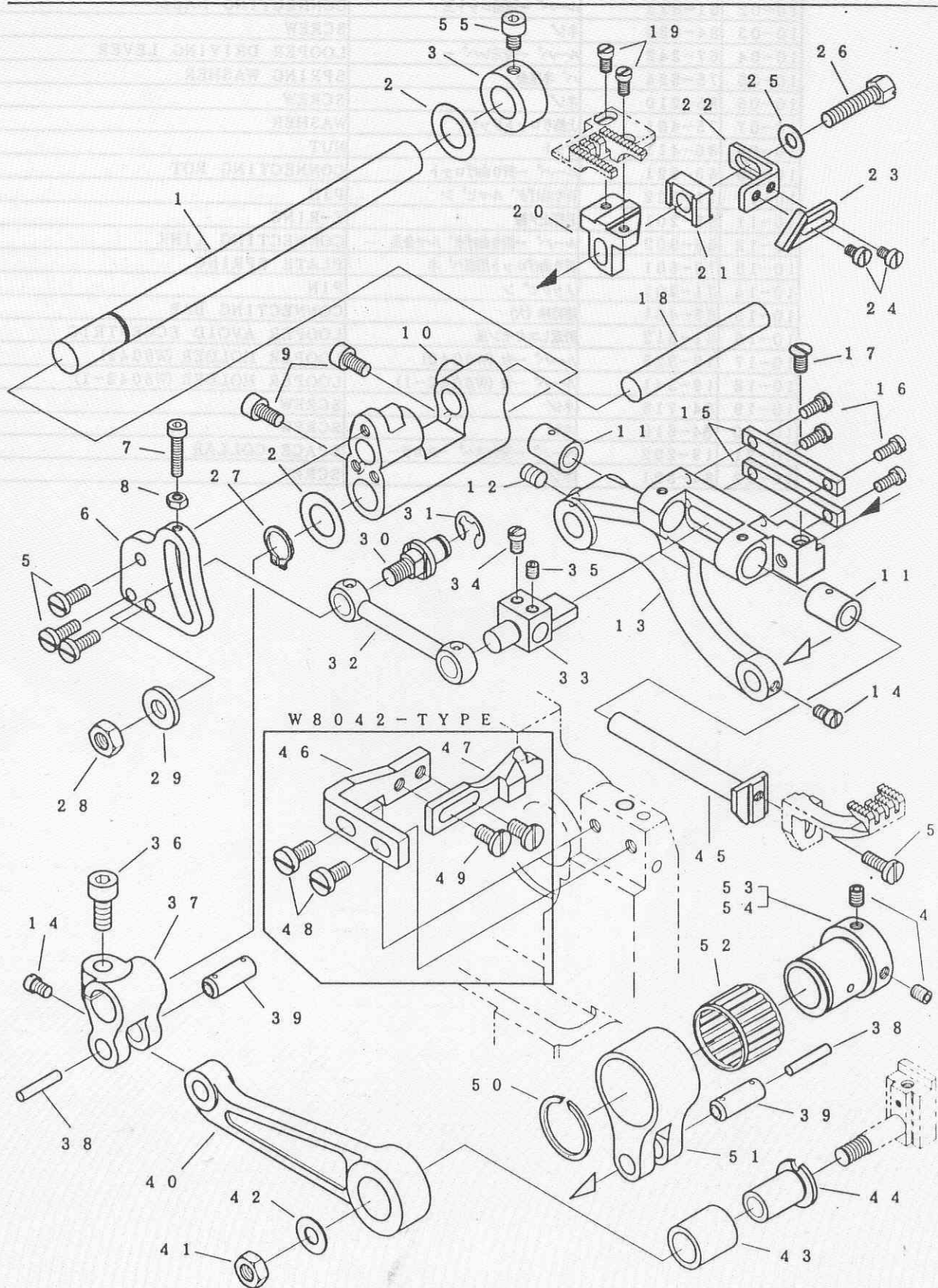
| NO.   | PART NO. | 品 名             | DESCRIPTION              | Qty |
|-------|----------|-----------------|--------------------------|-----|
| 09-01 | 71-612   | ルーパー-振元シャフト     | LOOPER DRIVING SHAFT     | 1   |
| 09-02 | 75-107   | カラー             | COLLAR                   | 1   |
| 09-03 | 85-212   | ネジ              | SCREW                    | 1   |
| 09-04 | 75-673   | ワッシャ            | WASHER                   | 1   |
| 09-05 | 75-332   | ワッシャ            | WASHER                   | 1   |
| 09-06 | 61-723   | ルーパー-振元ロット玉     | LOOPER DRIVING ECCENTRIC | 1   |
| 09-07 | 63-515   | ルーパー-振元ロット      | LOOPER DRIVING ROT       | 1   |
| 09-08 | 87-129   | ネジ              | SCREW                    | 2   |
| 09-09 | 61-514   | ルーパー-振元エキセン     | LOOPER ECCENTRIC         | 1   |
| 09-10 | 87-172   | ネジ              | SCREW                    | 2   |
| 09-11 | 71-561   | ルーパー-台シャフト      | LOOPER HOLDER SHAFT      | 1   |
| 09-12 | 75-675   | ワッシャ            | WASHER                   | 1   |
| 09-13 | 75-139   | ルーパー-台シャフト締めカラー | COLLAR                   | 1   |
| 09-14 | 87-245   | ネジ              | SCREW                    | 1   |
| 09-15 | 61-314   | 針返しエキセン玉        | LOOPER AVOID ECCENTRIC   | 1   |
| 09-16 | 87-181   | ネジ              | SCREW                    | 2   |
| 09-17 | 81-401   | テーパ-ピン押しブッシュ    | TAPERED PIN BUSHING      | 1   |
| 09-18 | 91-406   | エキセン用ベアリング      | BEARING                  | 1   |
| 09-19 | 63-232   | エキセンダ.rm        | ECCENTRIC LINK           | 1   |
| 09-20 | 93-406   | サークリップ          | SNAP RING                | 1   |
| 09-21 | 71-431   | ダ.rmピン          | PIN                      | 1   |
| 09-22 | 23-341   | フェルト            | FELT                     | 1   |
| 09-23 | 67-132   | 針返しダ.rmレバー      | LOOPER AVOID LEVER       | 1   |
| 09-24 | 84-366   | ネジ              | SCREW                    | 1   |
| 09-25 | 87-213   | ネジ              | SCREW                    | 2   |
| 09-26 | 67-229   | ルーパー-振元レバー      | LOOPER DRIVING LEVER     | 1   |
| 09-27 | 75-527   | バネ座金            | SPRING WASHER            | 1   |
| 09-28 | 87-173   | ネジ              | SCREW                    | 1   |
| 09-29 | 87-254   | ネジ              | SCREW                    | 1   |
| 09-30 | 75-401   | 上飾りロットワッシャ      | WASHER                   | 1   |
| 09-31 | 61-513   | ルーパー-振元ロット玉     | CONNECTING BALL          | 2   |
| 09-32 | 63-811   | 連結ロット           | CONNECTING ROT           | 1   |
| 09-33 | 84-635   | ネジ              | SCREW                    | 4   |
| 09-34 | 86-411   | ナット             | NUT                      | 1   |
| 09-35 | 65-435   | 連結棒             | CONNECTING BAR           | 1   |
| 09-36 | 86-412   | ナット             | NUT                      | 1   |
| 09-37 | 63-812   | 連結ロット(左)        | CONNECTING ROT (LEFT)    | 1   |
| 09-38 | 75-452   | ワッシャ            | WASHER                   | 1   |
| 09-39 | 84-363   | ネジ              | SCREW                    | 1   |
| 09-40 | 18-722   | 針ガイドブラケット(B)    | NEEDLE GUIDE BRACKET     | 1   |
| 09-41 | 18-725   | 針ガイド(C)         | NEEDLE GUIDE             | 1   |
| 09-42 | 19-289   | ルーパー-元台         | LOOPER ROCKER            | 1   |
| 09-43 | 84-718   | ネジ              | SCREW                    | 2   |
| 09-44 | 84-767   | ネジ              | SCREW                    | 1   |
| 09-45 | 75-552   | ワッシャ            | WASHER                   | 1   |
| 09-46 | 86-501   | ナット             | NUT                      | 2   |
| 09-47 | 71-901   | ルーパー-台テーパ-ピン    | TAPERD PIN               | 1   |
| 09-48 | 19-290   | ルーパー-台          | LOOPER HOLDER            | 1   |
| 09-49 | 84-616   | ネジ              | SCREW                    | 1   |
| 09-50 | 84-362   | ネジ              | SCREW                    | 1   |
| 09-51 | 75-372   | ワッシャ            | WASHER                   | 1   |

# 10. ルーパ° - 機構 LOOPER MECHANISM (W8042, W8042-1)



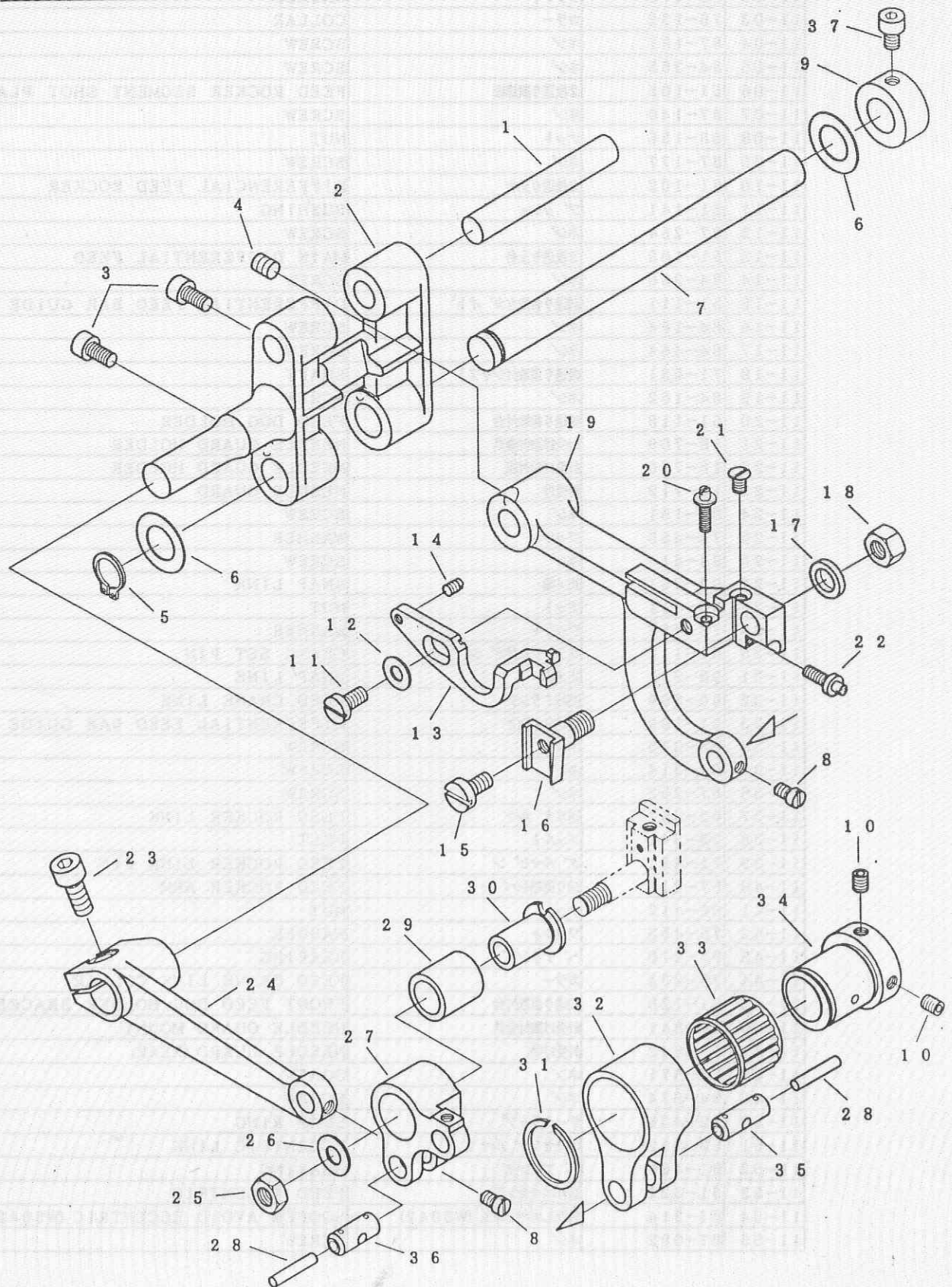
| NO.   | PART NO. | 品 名                | DESCRIPTION             | Qty |
|-------|----------|--------------------|-------------------------|-----|
| 10-01 | 63-811   | 連結ロット              | CONNECTING ROT          | 1   |
| 10-02 | 61-823   | ルーパ - 連結ロット玉       | CONNECTING BALL         | 1   |
| 10-03 | 84-635   | ネジ                 | SCREW                   | 2   |
| 10-04 | 67-242   | ルーパ - 板元レバ -       | LOOPER DRIVING LEVER    | 1   |
| 10-05 | 75-534   | ハネ座金               | SPRING WASHER           | 1   |
| 10-06 | 85-210   | ネジ                 | SCREW                   | 1   |
| 10-07 | 75-401   | 上飾りロットワッシャ         | WASHER                  | 1   |
| 10-08 | 86-411   | ナット                | NUT                     | 1   |
| 10-09 | 63-821   | ルーパ - 折り曲げロット      | CONNECTING ROT          | 1   |
| 10-10 | 71-322   | 折り曲げタマ ルマビ - ン     | PIN                     | 1   |
| 10-11 | 93-201   | E型止メ輪              | E-RING                  | 12  |
| 10-12 | 65-902   | ルーパ - 折り曲げタマ ルマ金具  | CONNECTING LINK         | 1   |
| 10-13 | 79-601   | 折り曲げロット用板ハネ        | PLATE SPRING            | 1   |
| 10-14 | 71-201   | ノックピン              | PIN                     | 1   |
| 10-15 | 65-401   | 連結棒 (大)            | CONNECTING BAR          | 1   |
| 10-16 | 61-312   | 針返しエキセン玉           | LOOPER AVOID ECCENTRIC  | 1   |
| 10-17 | 19-323   | ルーパ - 一台 (W8042)   | LOOPER HOLDER (W8042)   | 1   |
| 10-18 | 19-341   | ルーパ - 一台 (W8042-1) | LOOPER HOLDER (W8042-1) | 1   |
| 10-19 | 84-718   | ネジ                 | SCREW                   | 1   |
| 10-20 | 84-616   | ネジ                 | SCREW                   | 2   |
| 10-21 | 19-292   | ルーパ - 元台スペースカラー    | SPACE COLLAR            | 1   |
| 10-22 | 84-521   | ネジ                 | SCREW                   | 1   |

# 11. 差動送り機構 DIFFERENTIAL FEED MECHANISM



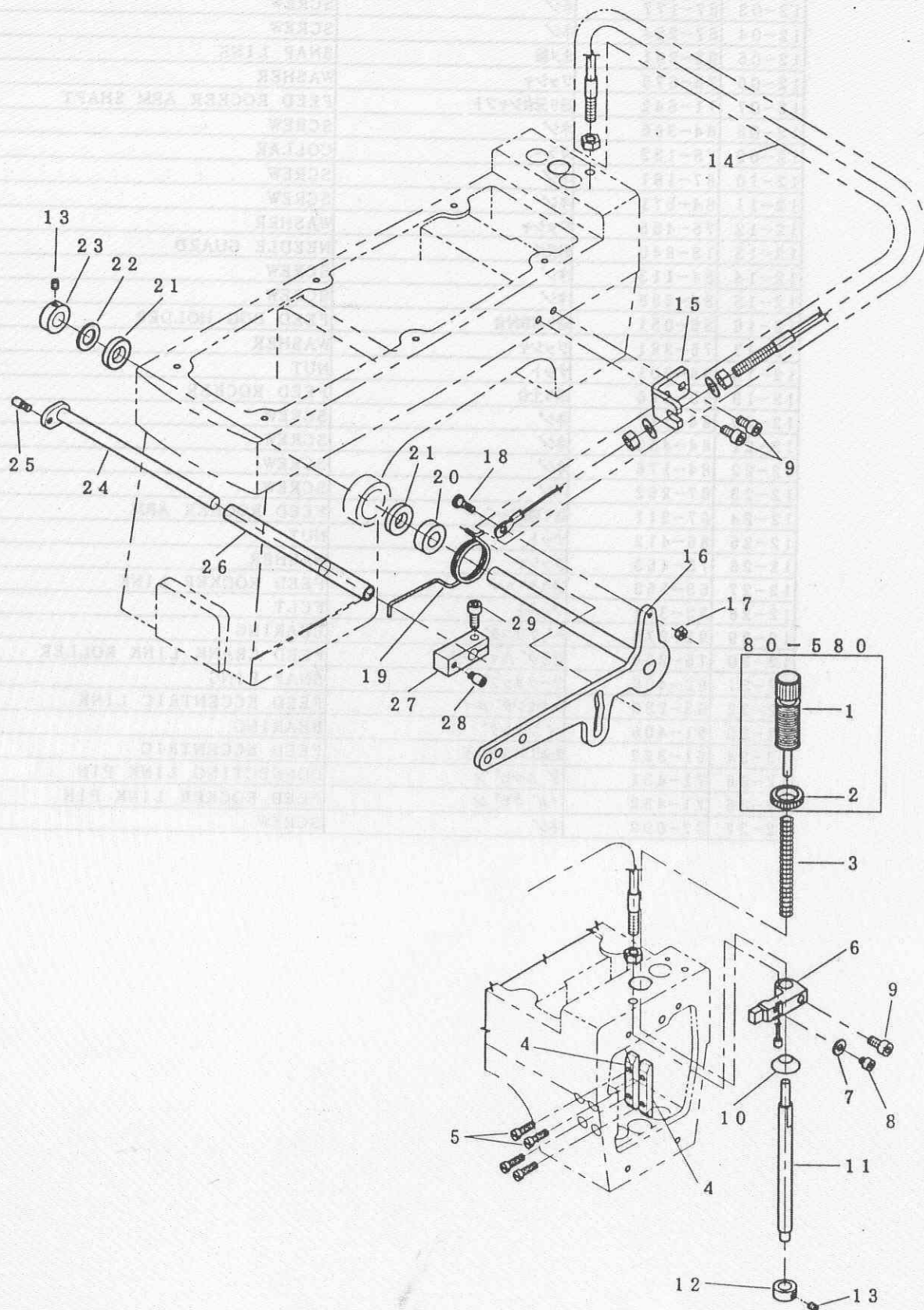
| NO.   | PART NO. | 品 名              | DESCRIPTION                    | Qty |
|-------|----------|------------------|--------------------------------|-----|
| 11-01 | 71-647   | 2枚送り元台シャフト       | FEED ROCKER ARM SHAFT          | 1   |
| 11-02 | 75-675   | ワッシャ             | WASHER                         | 2   |
| 11-03 | 75-132   | カラー              | COLLAR                         | 1   |
| 11-04 | 87-181   | ネジ               | SCREW                          | 2   |
| 11-05 | 84-363   | ネジ               | SCREW                          | 4   |
| 11-06 | 51-105   | 2枚送り調節板          | FEED ROCKER SEGMENT SHOT PLATE | 1   |
| 11-07 | 87-140   | ネジ               | SCREW                          | 1   |
| 11-08 | 88-136   | ナット              | NUT                            | 1   |
| 11-09 | 87-177   | ネジ               | SCREW                          | 2   |
| 11-10 | 51-102   | 2枚送り元台           | DIFFERENCIAL FEED ROCKER       | 1   |
| 11-11 | 81-141   | ブッシュ             | BUSHING                        | 2   |
| 11-12 | 87-254   | ネジ               | SCREW                          | 1   |
| 11-13 | 51-103   | 2枚送り土台           | MAIN DIFFERENTIAL FEED         | 1   |
| 11-14 | 84-366   | ネジ               | SCREW                          | 2   |
| 11-15 | 51-111   | 前送り台抱きカイト        | DIFFERENTIAL FEED BAR GUIDE    | 2   |
| 11-16 | 84-164   | ネジ               | SCREW                          | 4   |
| 11-17 | 84-464   | ネジ               | SCREW                          | 1   |
| 11-18 | 71-531   | 後送り歯取付シャフト       | SHAFT                          | 1   |
| 11-19 | 84-162   | ネジ               | SCREW                          | 2   |
| 11-20 | 51-118   | 後送り歯取付台          | FEED DOG HOLDER                | 1   |
| 11-21 | 18-709   | 針受け取付金具          | NEEDLE GUARD HOLDER            | 1   |
| 11-22 | 18-720   | 針受け取付板           | NEEDLE GUARD HOLDER            | 1   |
| 11-23 | 18-719   | 針受け              | NEEDLE GUARD                   | 1   |
| 11-24 | 84-161   | ネジ               | SCREW                          | 2   |
| 11-25 | 75-455   | ワッシャ             | WASHER                         | 1   |
| 11-26 | 84-614   | ネジ               | SCREW                          | 1   |
| 11-27 | 93-261   | 止メ輪              | SNAP LINK                      | 1   |
| 11-28 | 86-411   | ナット              | NUT                            | 1   |
| 11-29 | 75-458   | ワッシャ             | WASHER                         | 1   |
| 11-30 | 51-112   | クランク取付ピン         | CRANK SET PIN                  | 1   |
| 11-31 | 93-213   | 止メ輪              | SNAP LINK                      | 1   |
| 11-32 | 66-506   | 連結クランク           | FEED CRANK LINK                | 1   |
| 11-33 | 51-109   | 前送り台抱き           | DIFFERENTIAL FEED BAR GUIDE    | 1   |
| 11-34 | 84-379   | ネジ               | SCREW                          | 1   |
| 11-35 | 84-314   | ネジ               | SCREW                          | 1   |
| 11-36 | 87-252   | ネジ               | SCREW                          | 1   |
| 11-37 | 63-357   | 送りタホルマ           | FEED ROCKER LINK               | 1   |
| 11-38 | 23-341   | フェルト             | FELT                           | 2   |
| 11-39 | 71-431   | タホルマピン           | FEED ROCKER LINK PIN           | 2   |
| 11-40 | 67-315   | 送り連結レバー          | FEED ROCKER ARM                | 1   |
| 11-41 | 86-412   | ナット              | NUT                            | 1   |
| 11-42 | 75-453   | ワッシャ             | WASHER                         | 1   |
| 11-43 | 91-270   | ベアリング            | BEARING                        | 1   |
| 11-44 | 75-234   | カラー              | FEED CRANK LINK COLLAR         | 1   |
| 11-45 | 51-120   | 前送り歯取付台          | FRONT FEED DOG HOLDER BRACKET  | 1   |
| 11-46 | 18-841   | 針受け取付金具          | NEEDLE GUARD MOUNT             | 1   |
| 11-47 | 18-842   | 針受け後             | NEEDLE GUARD (REAR)            | 1   |
| 11-48 | 84-571   | ネジ               | SCREW                          | 2   |
| 11-49 | 84-574   | ネジ               | SCREW                          | 2   |
| 11-50 | 93-406   | サークリップ           | SNAP RING                      | 1   |
| 11-51 | 63-232   | エキセンタホルマ         | ECCENTRIC LINK                 | 1   |
| 11-52 | 91-406   | ベアリング            | BEARING                        | 1   |
| 11-53 | 61-322   | 送りエキセン玉          | FEED ECCENTRIC                 | 1   |
| 11-54 | 61-314   | 針返しエキセン玉 (W8042) | LOOPER AVOID ECCENTRIC (W8042) | 1   |
| 11-55 | 87-092   | ネジ               | SCREW                          | 1   |

12. 一枚送り機構 (W8042-1) PLAIN FEED MECHANISM (W8042-1)



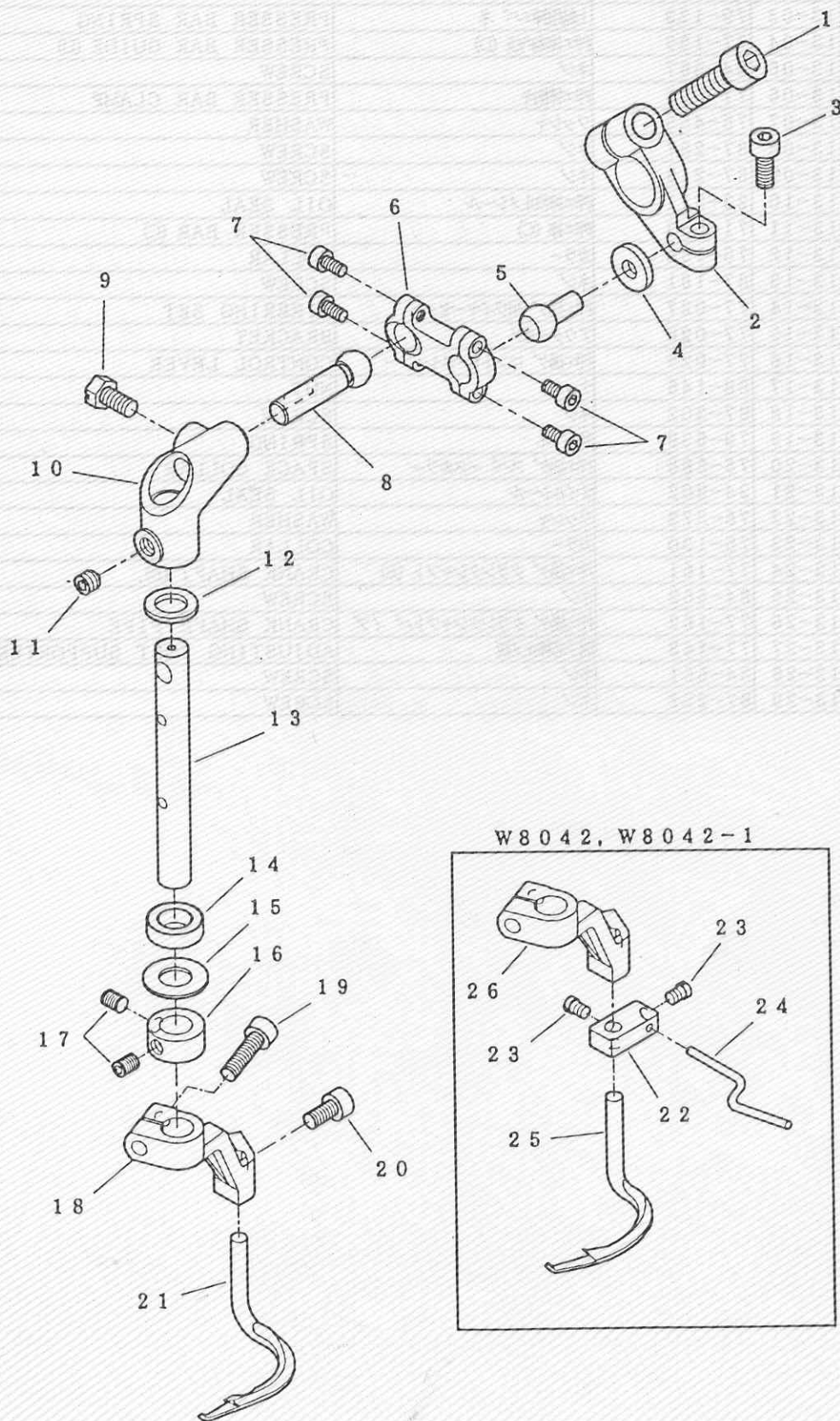
| NO.   | PART NO. | 品 名         | DESCRIPTION            | Qty |
|-------|----------|-------------|------------------------|-----|
| 12-01 | 71-531   | 後送り歯取付台シャフト | FEED ROCKER ARM SHAFT  | 1   |
| 12-02 | 55-041   | 1枚送り元台      | SINGLE FEED ROCKER ARM | 1   |
| 12-03 | 87-177   | ネジ          | SCREW                  | 2   |
| 12-04 | 87-254   | ネジ          | SCREW                  | 1   |
| 12-05 | 93-261   | 止メ輪         | SNAP LINK              | 1   |
| 12-06 | 75-675   | ワッシャ        | WASHER                 | 2   |
| 12-07 | 71-642   | 送り元台シャフト    | FEED ROCKER ARM SHAFT  | 1   |
| 12-08 | 84-366   | ネジ          | SCREW                  | 2   |
| 12-09 | 75-132   | カラー         | COLLAR                 | 1   |
| 12-10 | 87-181   | ネジ          | SCREW                  | 2   |
| 12-11 | 84-571   | ネジ          | SCREW                  | 1   |
| 12-12 | 75-455   | ワッシャ        | WASHER                 | 1   |
| 12-13 | 18-840   | 針受け         | NEEDLE GUARD           | 1   |
| 12-14 | 84-113   | ネジ          | SCREW                  | 1   |
| 12-15 | 84-588   | ネジ          | SCREW                  | 1   |
| 12-16 | 55-051   | 送り歯取付台      | FEED DOG HOLDER        | 1   |
| 12-17 | 75-381   | ワッシャ        | WASHER                 | 1   |
| 12-18 | 86-501   | ナット         | NUT                    | 1   |
| 12-19 | 55-176   | 送り土台        | FEED ROCKER            | 1   |
| 12-20 | 84-177   | ネジ          | SCREW                  | 1   |
| 12-21 | 84-463   | ネジ          | SCREW                  | 1   |
| 12-22 | 84-176   | ネジ          | SCREW                  | 1   |
| 12-23 | 87-252   | ネジ          | SCREW                  | 1   |
| 12-24 | 67-311   | 送り連結レバー     | FEED ROCKER ARM        | 1   |
| 12-25 | 86-412   | ナット         | NUT                    | 1   |
| 12-26 | 75-453   | ワッシャ        | WASHER                 | 1   |
| 12-27 | 63-353   | 送りタ' ルマ     | FEED ROCKER LINK       | 1   |
| 12-28 | 23-341   | フェルト        | FELT                   | 2   |
| 12-29 | 91-270   | ベ' アリング'    | BEARING                | 1   |
| 12-30 | 75-234   | 送りタ' ルマローラー | FEED CRANK LINK ROLLER | 1   |
| 12-31 | 93-406   | サークリップ      | SNAP RING              | 1   |
| 12-32 | 63-232   | エキセンタ' ルマ   | FEED ECCENTRIC LINK    | 1   |
| 12-33 | 91-406   | ベ' アリング'    | BEARING                | 1   |
| 12-34 | 61-322   | 針返しエキセン玉    | FEED ECCENTRIC         | 1   |
| 12-35 | 71-431   | タ' ルマピン     | CONNECTING LINK PIN    | 1   |
| 12-36 | 71-432   | メカ' ネピン     | FEED ROCKER LINK PIN   | 1   |
| 12-37 | 87-092   | ネジ          | SCREW                  | 1   |

# 13. 押え揚げ機構 PRESSER FOOT MECHANISM



| NO.   | PART NO. | 品 名               | DESCRIPTION              | Qty |
|-------|----------|-------------------|--------------------------|-----|
| 13-01 | 87-002   | 押エ棒ネジ             | SCREW                    | 1   |
| 13-02 | 88-003   | 押エ棒ネジ ナット         | NUT                      | 1   |
| 13-03 | 79-123   | 上軸用押エバネ           | PRESSER BAR SPRING       | 1   |
| 13-04 | 77-139   | 押エ棒案内板 (D)        | PRESSER BAR GUIDE (D)    | 2   |
| 13-05 | 84-567   | ネジ                | SCREW                    | 4   |
| 13-06 | 77-026   | 押エ棒抱き             | PRESSER BAR CLAMP        | 1   |
| 13-07 | 75-455   | ワッシャ              | WASHER                   | 1   |
| 13-08 | 87-287   | ネジ                | SCREW                    | 1   |
| 13-09 | 87-213   | ネジ                | SCREW                    | 3   |
| 13-10 | 23-311   | 押エ棒油止メシール         | OIL SEAL                 | 1   |
| 13-11 | 71-543   | 押エ棒 (C)           | PRESSER BAR (C)          | 1   |
| 13-12 | 75-154   | カラー               | COLLAR                   | 1   |
| 13-13 | 87-181   | ネジ                | SCREW                    | 2   |
| 13-14 | 77-027   | 押エ揚ゲ 用ワイヤーセット     | WIRERING SET             | 1   |
| 13-15 | 77-028   | アウター止メ            | BRACKET                  | 1   |
| 13-16 | 77-029   | 押エ揚ゲ コントロールレバ ー   | CONTROL LEVER            | 1   |
| 13-17 | 88-146   | ナット               | NUT                      | 1   |
| 13-18 | 87-302   | ネジ                | SCREW                    | 1   |
| 13-19 | 79-539   | 巻バネ               | SPRING                   | 1   |
| 13-20 | 75-888   | 押エ揚ゲ スペ ースカラー     | SPACE COLLAR             | 1   |
| 13-21 | 94-802   | オイルシール            | OIL SEAL                 | 2   |
| 13-22 | 75-372   | ワッシャ              | WASHER                   | 1   |
| 13-23 | 75-130   | カラー               | COLLAR                   | 1   |
| 13-24 | 77-161   | 押エ揚ゲ クランクシャフト (B) | CRANK SHAFT (B)          | 1   |
| 13-25 | 84-562   | ネジ                | SCREW                    | 1   |
| 13-26 | 77-162   | 押エ揚ゲ クランクシャフトパイプ  | CRANK SHAPE PIPE         | 1   |
| 13-27 | 77-163   | 調子芯止メ板            | ADJUSTING POST SUPPORTER | 1   |
| 13-28 | 84-561   | ネジ                | SCREW                    | 1   |
| 13-29 | 87-252   | ネジ                | SCREW                    | 1   |

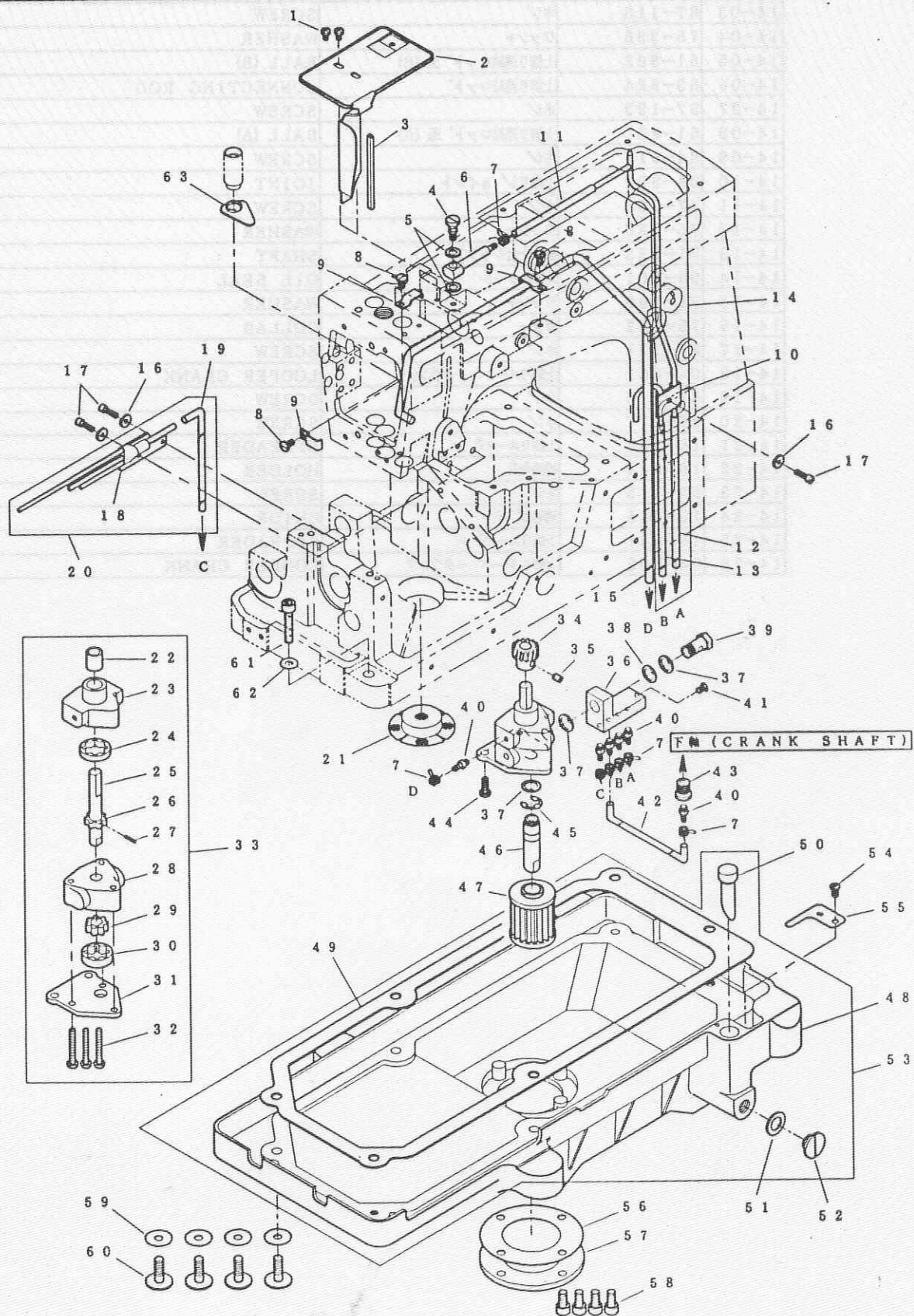
# 14. 上飾り機構 SPREADER MECHANISM



W8042, W8042-1

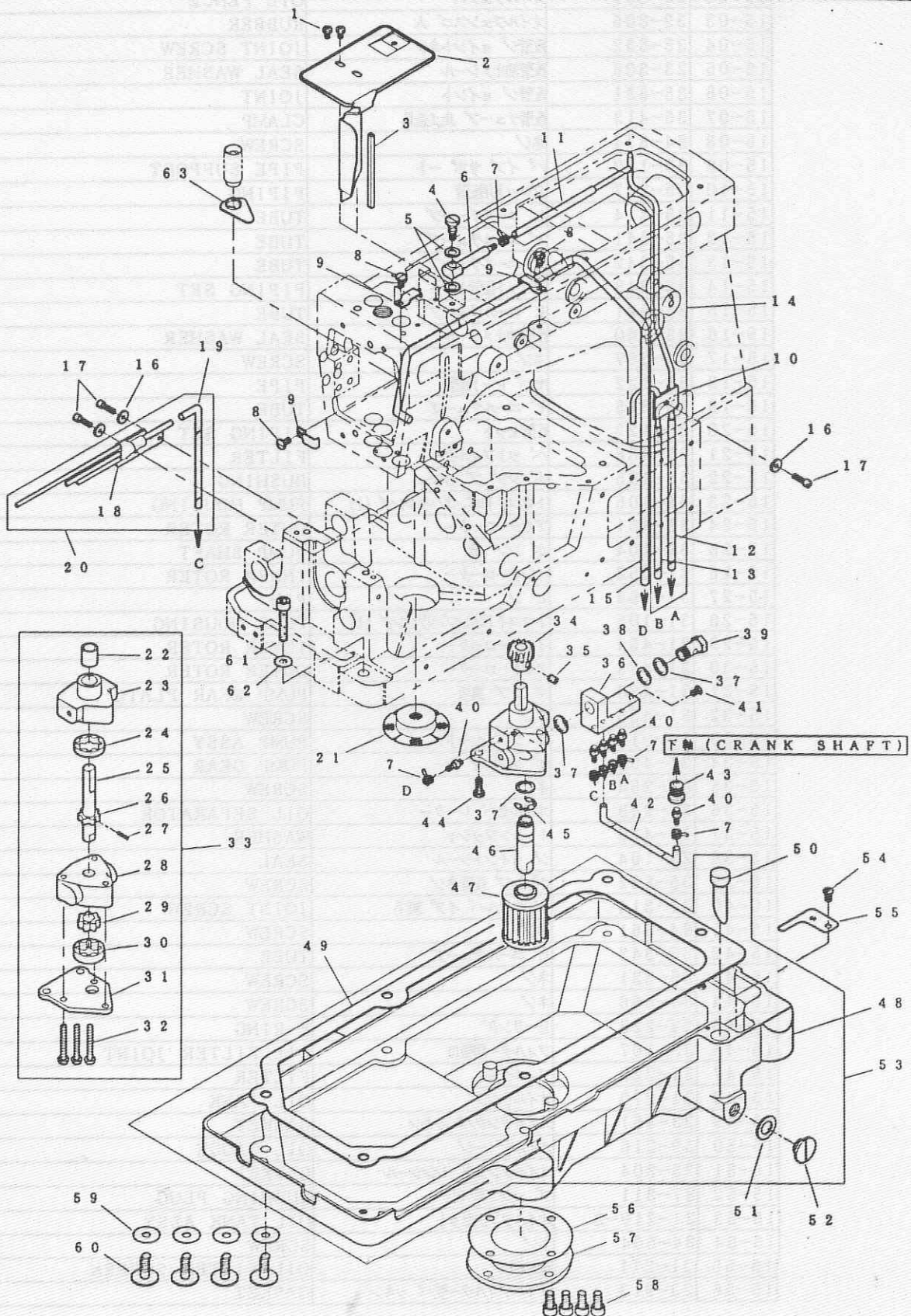
| NO.   | PART NO. | 品 名             | DESCRIPTION    | Qty |
|-------|----------|-----------------|----------------|-----|
| 14-01 | 87-173   | ネジ              | SCREW          | 1   |
| 14-02 | 67-807   | 上飾り駆動レバー        | LEVER          | 1   |
| 14-03 | 87-113   | ネジ              | SCREW          | 1   |
| 14-04 | 75-398   | ワッシャ            | WASHER         | 1   |
| 14-05 | 61-802   | 上飾り連結ロッド' 玉 (B) | BALL (B)       | 1   |
| 14-06 | 63-524   | 上飾り連結ロッド'       | CONNECTING ROD | 1   |
| 14-07 | 87-123   | ネジ              | SCREW          | 4   |
| 14-08 | 61-801   | 上飾り連結ロッド' 玉 (A) | BALL (A)       | 1   |
| 14-09 | 84-611   | ネジ              | SCREW          | 1   |
| 14-10 | 04-802   | 上飾りジョイント        | JOINT          | 1   |
| 14-11 | 87-253   | ネジ              | SCREW          | 1   |
| 14-12 | 75-356   | ワッシャ            | WASHER         | 1   |
| 14-13 | 71-553   | 飾り土台シャフト        | SHAFT          | 1   |
| 14-14 | 94-801   | オイルシール          | OIL SEAL       | 1   |
| 14-15 | 75-180   | ワッシャ            | WASHER         | 1   |
| 14-16 | 75-152   | カラー             | COLLAR         | 1   |
| 14-17 | 87-181   | ネジ              | SCREW          | 2   |
| 14-18 | 04-801   | 上飾りルーバークランク     | LOOPER CRANK   | 1   |
| 14-19 | 87-214   | ネジ              | SCREW          | 1   |
| 14-20 | 87-177   | ネジ              | SCREW          | 1   |
| 14-21 | 19-807   | 上飾りルーバーク        | SPREADER       | 1   |
| 14-22 | 19-844   | 補助金具            | HOLDER         | 1   |
| 14-23 | 84-115   | ネジ              | SCREW          | 2   |
| 14-24 | 19-845   | 補助ガイド           | GUIDE          | 1   |
| 14-25 | 19-841   | 上飾りルーバーク        | SPREADER       | 1   |
| 14-26 | 04-803   | 上飾りルーバークランク     | LOOPER CRANK   | 1   |

# 15. 給油機構 LUBRICATION MECHANISM



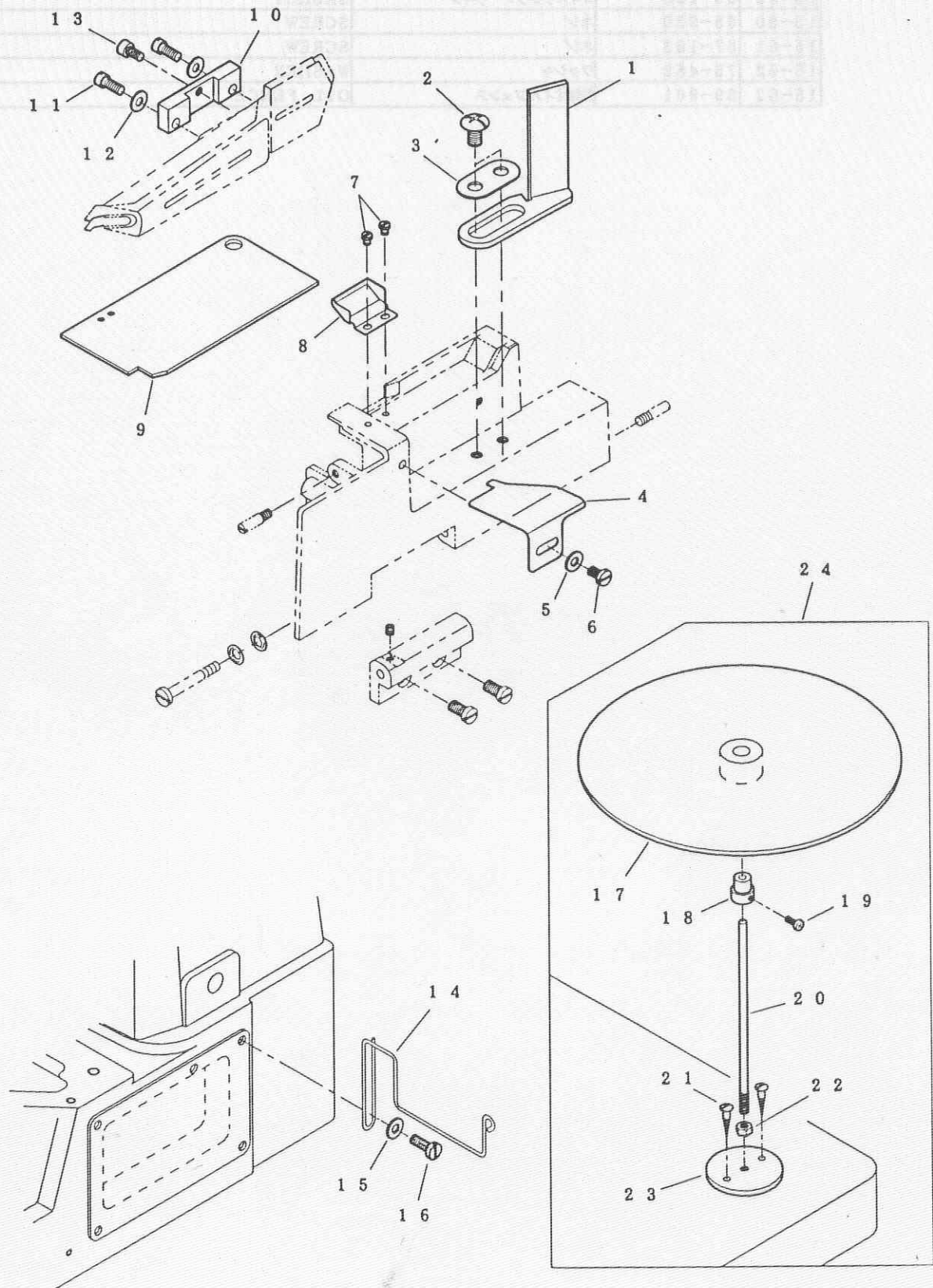
| NO.   | PART NO. | 品 名               | DESCRIPTION       | Qty |
|-------|----------|-------------------|-------------------|-----|
| 15-01 | 84-361   | ネジ                | SCREW             | 2   |
| 15-02 | 39-803   | オイルフェンス           | OIL FENCE         | 1   |
| 15-03 | 39-806   | オイルフェンスゴム         | RUBBER            | 1   |
| 15-04 | 35-832   | 配管ジョイントネジ         | JOINT SCREW       | 1   |
| 15-05 | 23-306   | 配管油止メシール          | SEAL WASHER       | 2   |
| 15-06 | 35-831   | 配管ジョイント           | JOINT             | 1   |
| 15-07 | 35-413   | 配管チューブ止メ金具        | CLAMP             | 7   |
| 15-08 | 84-574   | ネジ                | SCREW             | 3   |
| 15-09 | 39-139   | パイプサポート           | PIPE SUPPORT      | 3   |
| 15-10 | 35-247   | 立ロット用配管           | PIPING            | 1   |
| 15-11 | 35-314   | ビニールチューブ          | TUBE              | 1   |
| 15-12 | 35-341   | ビニールチューブ          | TUBE              | 1   |
| 15-13 | 35-342   | ビニールチューブ          | TUBE              | 1   |
| 15-14 | 30-248   | 立ロット配管セット         | PIPING SET        | 1   |
| 15-15 | 35-521   | ビニールチューブ          | TUBE              | 1   |
| 15-16 | 23-160   | 配管油止メシール          | SEAL WASHER       | 3   |
| 15-17 | 84-367   | ネジ                | SCREW             | 3   |
| 15-18 | 35-122   | セパレータ配管           | PIPE              | 1   |
| 15-19 | 35-315   | ビニールチューブ          | TUBE              | 1   |
| 15-20 | 30-122   | 配管セット             | PIPING SET        | 1   |
| 15-21 | 31-438   | ベントフィルター          | FILTER            | 1   |
| 15-22 | 81-195   | ポンプブッシュ           | BUSHING           | 1   |
| 15-23 | 31-106   | トロコイドポンプハウジング (上) | PUMP HOUSING      | 1   |
| 15-24 | 31-451   | アウターローター          | OUTER ROTER       | 1   |
| 15-25 | 31-104   | ポンプ軸              | PUMP SHAFT        | 1   |
| 15-26 | 31-452   | インナーローター          | INNER ROTER       | 1   |
| 15-27 | 31-456   | ピン                | PIN               | 1   |
| 15-28 | 31-105   | トロコイドポンプハウジング (下) | PUMP HOUSING      | 1   |
| 15-29 | 31-454   | インナーローター          | INNER ROTER       | 1   |
| 15-30 | 31-453   | アウターローター          | OUTER ROTER       | 1   |
| 15-31 | 31-420   | ポンプ裏板             | PUMP REAR PLATE   | 1   |
| 15-32 | 31-435   | ネジ                | SCREW             | 3   |
| 15-33 | 30-015   | ポンプセット            | PUMP ASSY         | 1   |
| 15-34 | 31-409   | ポンプギヤー            | PUMP GEAR         | 1   |
| 15-35 | 87-254   | ネジ                | SCREW             | 1   |
| 15-36 | 31-249   | オイルセパレーター         | OIL SEPARATOR     | 1   |
| 15-37 | 75-470   | ドレンワッシャー          | WASHER            | 3   |
| 15-38 | 23-164   | ジョイントシール          | SEAL              | 1   |
| 15-39 | 35-822   | ポンプ配管ネジ           | SCREW             | 1   |
| 15-40 | 31-314   | ビニールパイプ継手         | JOINT SCREW       | 6   |
| 15-41 | 84-661   | ネジ                | SCREW             | 1   |
| 15-42 | 35-343   | ビニールチューブ          | TUBE              | 1   |
| 15-43 | 85-531   | ネジ                | SCREW             | 1   |
| 15-44 | 84-566   | ネジ                | SCREW             | 2   |
| 15-45 | 93-223   | E-リング             | E-RING            | 1   |
| 15-46 | 35-107   | フィルター用吸口          | OIL FILTER JOINT  | 1   |
| 15-47 | 31-222   | フィルター             | FILTER            | 1   |
| 15-48 | 31-270   | オイルタンク            | OIL TANK          | 1   |
| 15-49 | 23-451   | オイルタンクパッキン        | GASKET            | 1   |
| 15-50 | 39-216   | オイルゲージ            | OIL GAUGE         | 1   |
| 15-51 | 23-304   | オイルタンクドレンシール      | GASKET            | 1   |
| 15-52 | 87-311   | ブッシュ蓋 (小)         | BUSHING PLUG      | 1   |
| 15-53 | 31-219-2 | オイルタンクセット         | OIL TANK ASSY     | 1   |
| 15-54 | 84-564   | ネジ                | SCREW             | 1   |
| 15-55 | 31-271   | 濾過網               | OIL FILTER SCREEN | 1   |
| 15-56 | 23-913   | オイルフィルター受パッキン     | GASKET            | 1   |

# 15. 給油機構 LUBRICATION MECHANISM

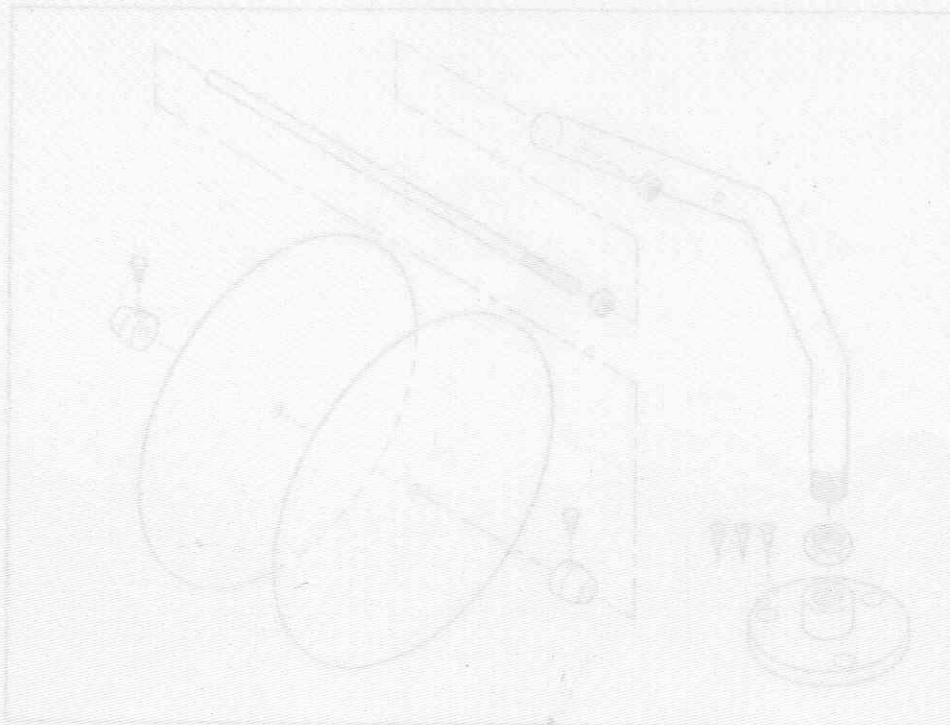


| NO.   | PART NO. | 品 名         | DESCRIPTION | Qty |
|-------|----------|-------------|-------------|-----|
| 15-57 | 35-915   | オイルフィルター受   | PLATE       | 1   |
| 15-58 | 87-225   | ネジ          | SCREW       | 4   |
| 15-59 | 23-120   | オイルタンクパ ッキン | GASKET      | 4   |
| 15-60 | 85-220   | ネジ          | SCREW       | 4   |
| 15-61 | 87-183   | ネジ          | SCREW       | 2   |
| 15-62 | 75-452   | ワッシャ        | WASHER      | 2   |
| 15-63 | 39-801   | 針棒オイルフェンス   | OIL FENCE   | 1   |

# 16. Fタイプ専用部品 MODEL F EXCLUSIVE PARTS

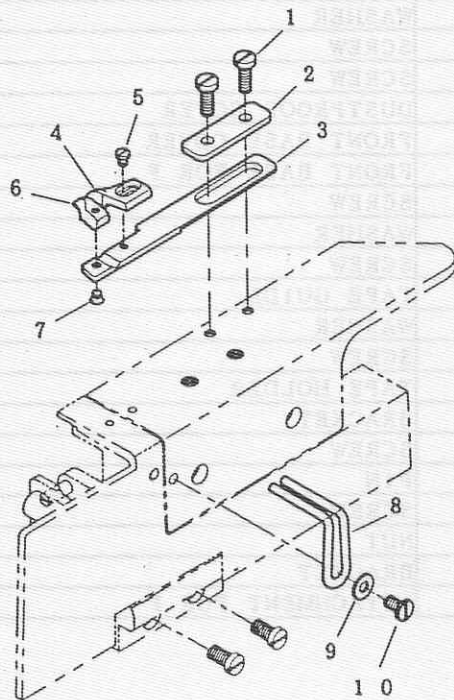


| NO.   | PART NO.  | 品 名        | DESCRIPTION       | Qty |
|-------|-----------|------------|-------------------|-----|
| 16-01 | 26-821    | F用ラッパ 取付台  | HOLDER BASE       | 1   |
| 16-02 | 85-182    | ネジ         | SCREW             | 2   |
| 16-03 | 26-822    | ラッパ 取付金具   | PLATE             | 1   |
| 16-04 | 26-781    | F用前定規      | GUIDE PLATE FOR F | 1   |
| 16-05 | 75-455    | ワッシャ       | WASHER            | 1   |
| 16-06 | 84-601    | ネジ         | SCREW             | 1   |
| 16-07 | 84-167    | ネジ         | SCREW             | 2   |
| 16-08 | 21-787    | 防塵カバー      | DUSTPROOF COVER   | 1   |
| 16-09 | 21-786    | 前ベースカバー    | FRONT BASE COVER  | 1   |
| 16-10 | 26-724    | F用ラッパ 抱き   | FRONT BASE FOR F  | 1   |
| 16-11 | 84-572    | ネジ         | SCREW             | 2   |
| 16-12 | 75-455    | ワッシャ       | WASHER            | 2   |
| 16-13 | 87-177    | ネジ         | SCREW             | 1   |
| 16-14 | 26-615    | テープ ガイド    | TAPE GUIDE        | 1   |
| 16-15 | 75-455    | ワッシャ       | WASHER            | 1   |
| 16-16 | 84-566    | ネジ         | SCREW             | 1   |
| 16-17 | 26-6150-B | テープ 受      | TAPE HOLDER       | 1   |
| 16-18 | 26-6150-C | テープ 受台     | BRACKET           | 1   |
| 16-19 | 87-209    | ネジ         | SCREW             | 1   |
| 16-20 | 26-6150-D | テープ 立ピン    | PIN               | 1   |
| 16-21 | 26-6150-E | 木ネジ        | SCREW             | 2   |
| 16-22 | 88-166    | ナット        | NUT               | 1   |
| 16-23 | 26-6150-A | テープ 立台     | BRACKET           | 1   |
| 16-24 | 20-615    | F用テープ 立セット | ATTACHMENT FOR F  | 1   |

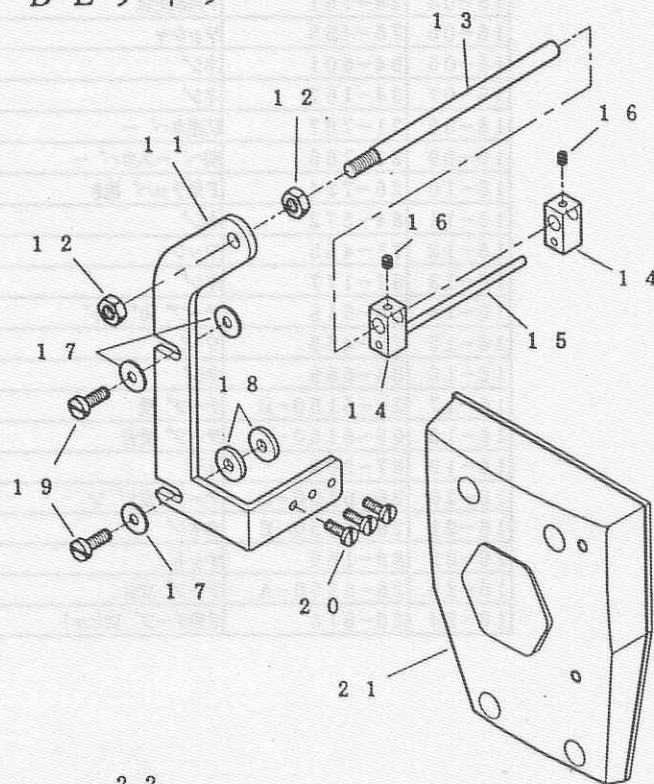


17. C, DEタイプ° 専用部品 MODEL C, DE EXCLUSIVE PARTS

Cタイプ°

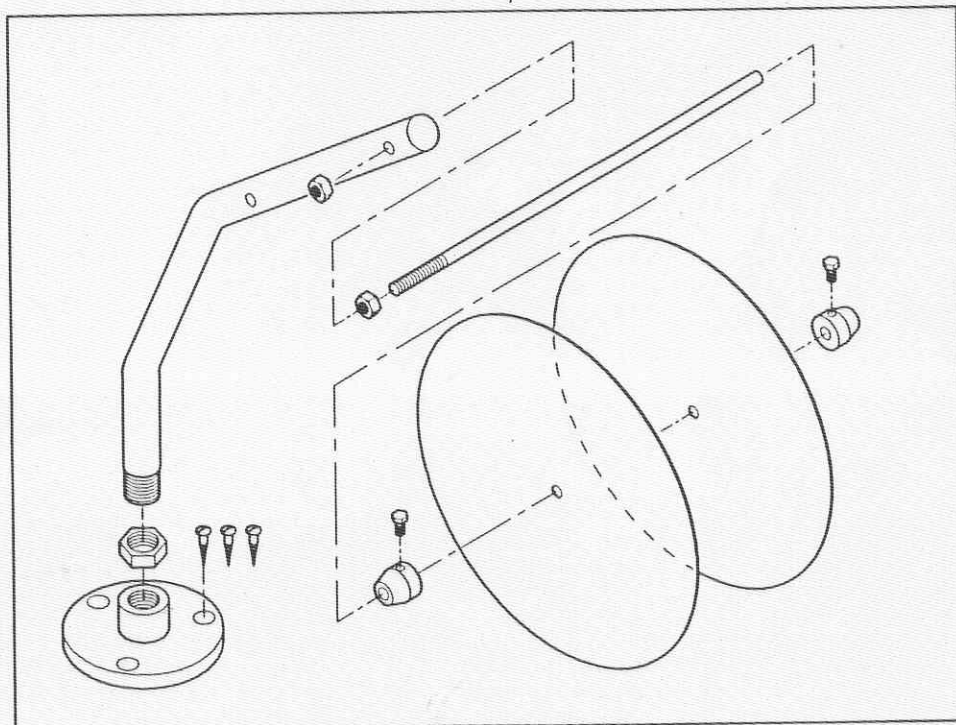


DEタイプ°



2 2

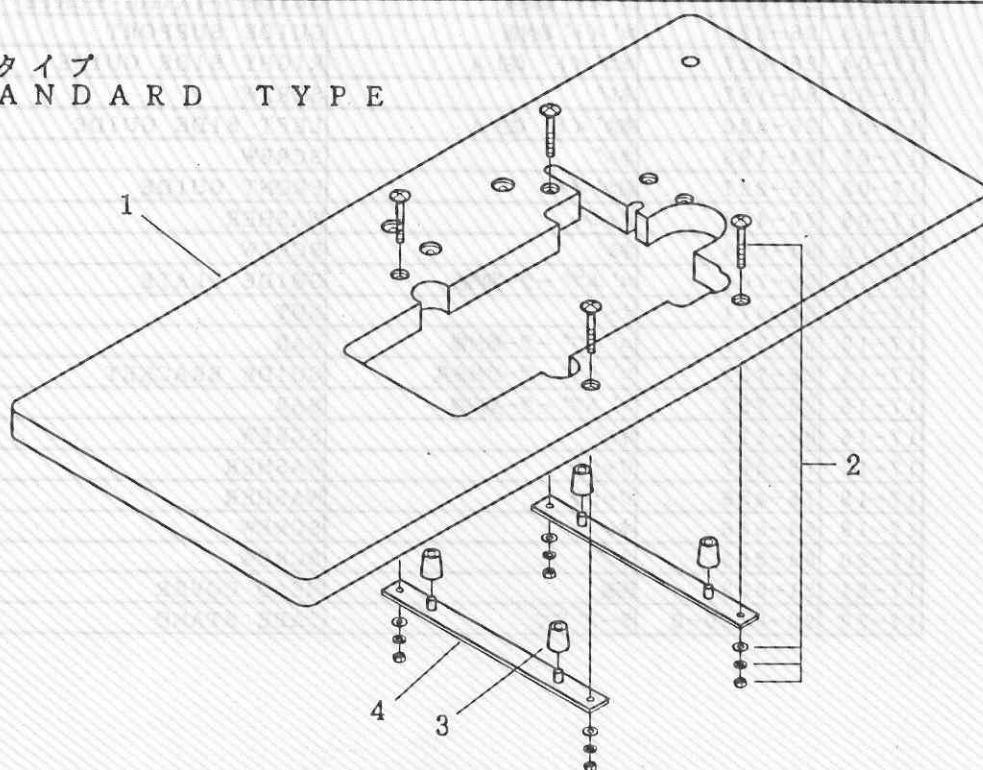
ES - 2



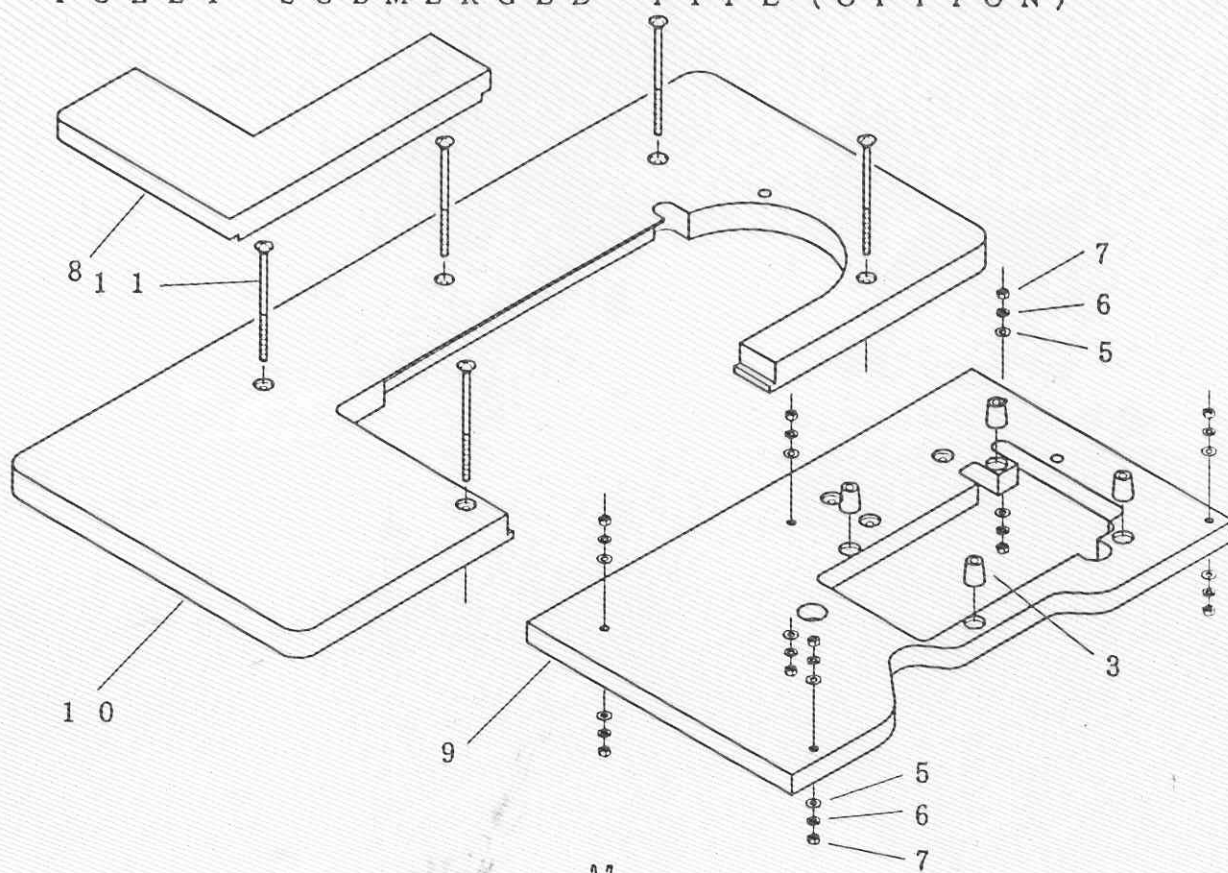
| NO.   | PART NO.  | 品 名          | DESCRIPTION        | Qty |
|-------|-----------|--------------|--------------------|-----|
| 17-01 | 84-566    | ネジ           | SCREW              | 2   |
| 17-02 | 26-825    | カイト 固定板      | GUIDE FIXING PLATE | 1   |
| 17-03 | 26-824    | カイト 取付板      | GUIDE SUPPORT      | 1   |
| 17-04 | 26-827    | 布カイト (右) A   | RIGHT SIDE GUIDE   | 1   |
| 17-05 | 84-167    | ネジ           | SCREW              | 1   |
| 17-06 | 26-826    | 布カイト (左) A   | LEFT SIDE GUIDE    | 1   |
| 17-07 | 84-193    | ネジ           | SCREW              | 1   |
| 17-08 | 25-227    | 前カイト         | FRONT GUIDE        | 1   |
| 17-09 | 75-455    | ワッシャ         | WASHER             | 1   |
| 17-10 | 84-574    | ネジ           | SCREW              | 1   |
| 17-11 | 26-706    | コ ムプ ーラー案内板  | GUIDE PLATE        | 1   |
| 17-12 | 86-411    | ナット          | NUT                | 2   |
| 17-13 | 26-751    | コ ムプ ーラー取付棒  | BAR                | 1   |
| 17-14 | 26-753    | コ ムプ ーラー取付金具 | GUIDE BRACKET      | 2   |
| 17-15 | 26-752    | コ ムプ ーラー案内棒  | BAR                | 1   |
| 17-16 | 84-112    | ネジ           | SCREW              | 2   |
| 17-17 | 75-467    | ワッシャ         | WASHER             | 3   |
| 17-18 | 75-456    | ワッシャ         | WASHER             | 2   |
| 17-19 | 84-566    | ネジ           | SCREW              | 2   |
| 17-20 | 84-363    | ネジ           | SCREW              | 3   |
| 17-21 | 21-803    | 面板           | HEAD COVER         | 1   |
| 17-22 | 20-6020-0 | テープ 立て       | TAPE STAND         | 1   |

# 18. テーブル関係 TABLE

標準タイプ  
STANDARD TYPE

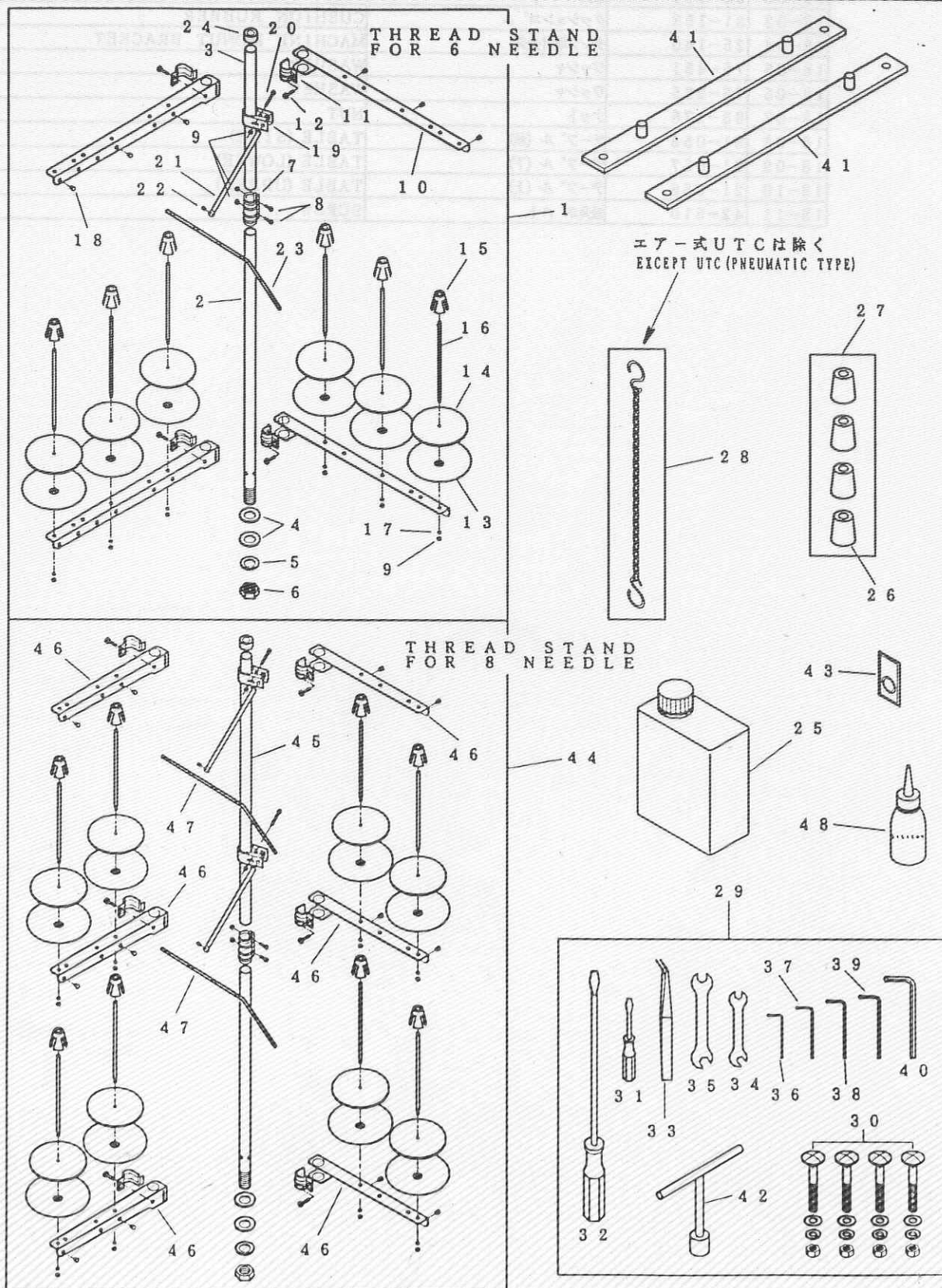


全沈タイプ (オプション)  
FULLY-SUBMERGED TYPE (OPTION)



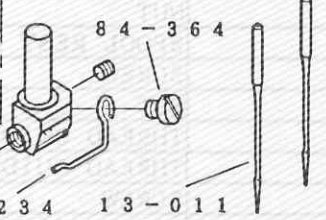
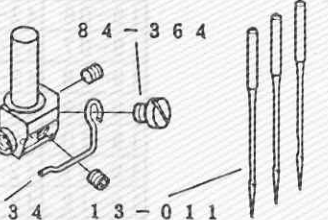
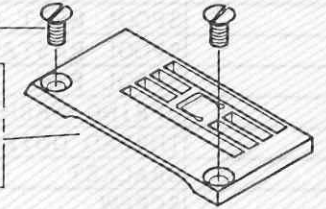
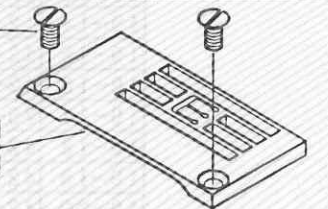
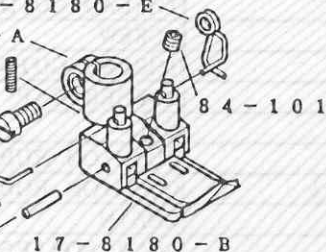
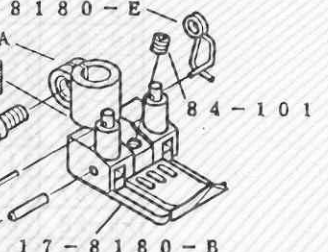
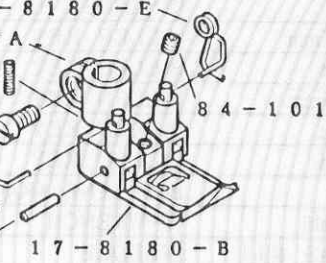
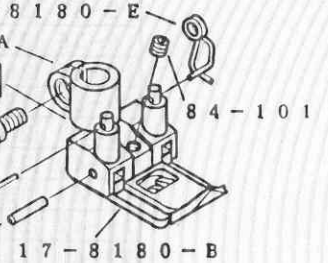
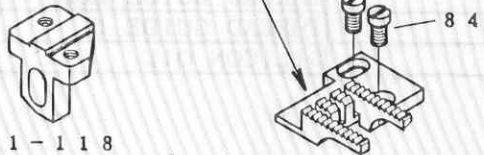
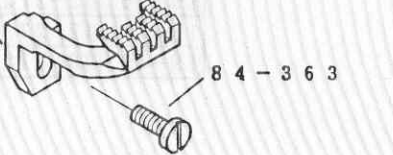
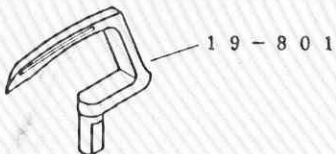
| NO.   | PART NO. | 品 名      | DESCRIPTION           | Qty |
|-------|----------|----------|-----------------------|-----|
| 18-01 | 21-045   | テーブル     | TABLE                 | 1   |
| 18-02 | 80-751   | 根角ボルト    | SCREW                 | 4   |
| 18-03 | 31-163   | クッションゴム  | CUSHION RUBBER        | 4   |
| 18-04 | 25-140   | タンク取付金具  | MACHINE MOUNT BRACKET | 2   |
| 18-05 | 75-451   | ワッシャー    | WASHER                | 10  |
| 18-06 | 75-225   | ワッシャー    | WASHER                | 10  |
| 18-07 | 88-176   | ナット      | NUT                   | 10  |
| 18-08 | 21-056   | テーブル (前) | TABLE (SIDE)          | 1   |
| 18-09 | 21-057   | テーブル (下) | TABLE (LOWER)         | 1   |
| 18-10 | 21-058   | テーブル (上) | TABLE (UPPER)         | 1   |
| 18-11 | 42-510   | 根角ボルト    | SCREW                 | 5   |

# 19. 糸立、アクセサリ- THREAD STAND AND ACCESSORIES

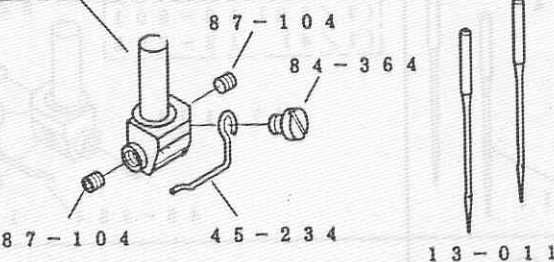
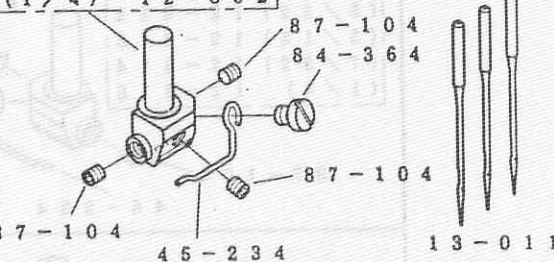
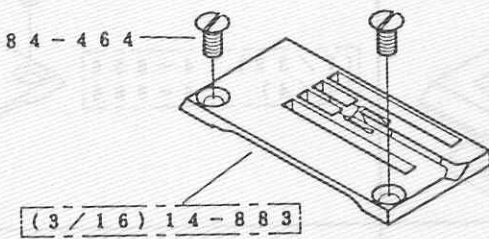
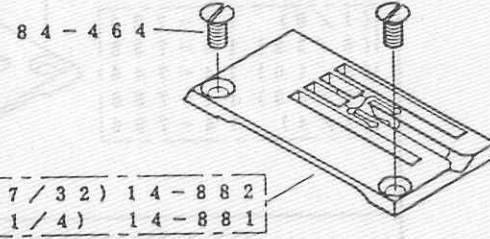
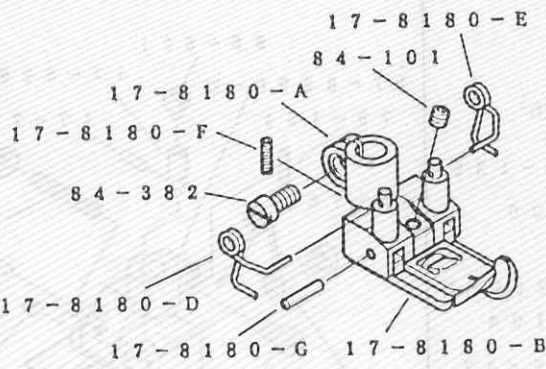
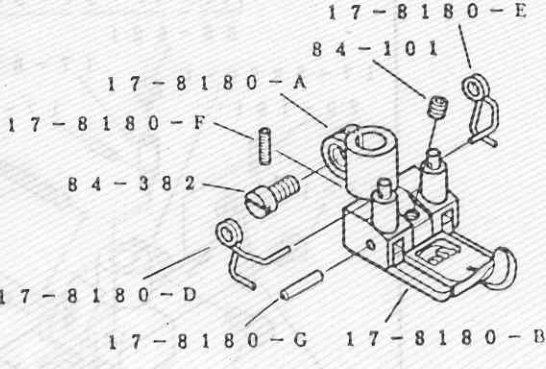
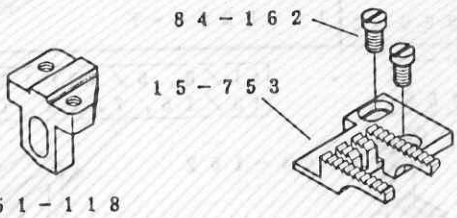
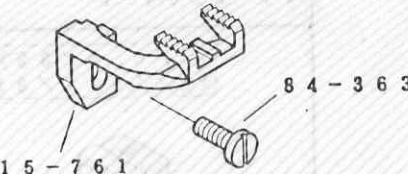
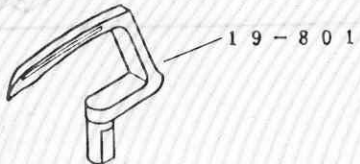


| NO.   | PART NO.  | 品 名             | DESCRIPTION                 | Qty |
|-------|-----------|-----------------|-----------------------------|-----|
| 19-01 | 42-706    | 6本糸立            | THREAD STAND ASSEMBLY       | 1   |
| 19-02 | 42-251    | 糸立て棒 (下)        | SPOOL REST ROD. LOWER       | 1   |
| 19-03 | 42-252    | 糸立て棒 (上) A      | SPOOL REST ROD. UPPER       | 1   |
| 19-04 | 42-253    | ワッシャー           | WASHER                      | 2   |
| 19-05 | 42-254    | バネ座金            | SPRING WASHER               | 1   |
| 19-06 | 42-255    | ナット             | NUT                         | 1   |
| 19-07 | 42-256    | 糸立て棒継手          | SPOOL REST ROD. JOINT       | 1   |
| 19-08 | 42-257    | ネジ              | SCREW                       | 2   |
| 19-09 | 88-157    | ナット             | NUT                         | 9   |
| 19-10 | 42-258    | 糸立て腕            | THREAD GUIDE ARM            | 4   |
| 19-11 | 42-259    | 糸立て腕締め金具        | THREAD GUIDE ARM JOINT      | 4   |
| 19-12 | 42-260    | ネジ              | SCREW                       | 4   |
| 19-13 | 42-261    | 糸受け皿            | SPOOL REST                  | 6   |
| 19-14 | 42-262    | スポンジ            | SPOOL REST CUSHION          | 6   |
| 19-15 | 42-263    | 揺れ止め            | SPOOL RESTAINER             | 6   |
| 19-16 | 42-264    | 糸立てピン           | SPOOL PIN                   | 6   |
| 19-17 | 75-526    | バネ座金            | SPRING WASHER               | 6   |
| 19-18 | 42-265    | 糸道              | THREAD GUIDE                | 6   |
| 19-19 | 42-266    | ブラケット           | BRACKET                     | 1   |
| 19-20 | 42-267    | ネジ              | SCREW                       | 1   |
| 19-21 | 42-268    | 糸道腕             | THREAD GUIDE ARM            | 1   |
| 19-22 | 42-269    | ネジ              | SCREW                       | 1   |
| 19-23 | 42-270    | 糸道棒6本           | THREAD GUIDE 6              | 1   |
| 19-24 | 42-271    | ゴムキャップ          | RUBBER CAP                  | 1   |
| 19-25 | 28-611    | マシン潤滑油          | OIL                         | 1   |
| 19-26 | 31-163    | クッションゴム         | CUSHION RUBBER              | 4   |
| 19-27 | 31-1630-2 | クッションゴムセット      | CUSHION RUBBER SET          | 1 s |
| 19-28 | 28-920    | 連動クサリ           | CHAIN                       | 1   |
| 19-29 | 20-002    | 付属部品ケース         | ACCESSORIES                 | 1   |
| 19-30 | 80-751    | 視角ボルト           | SCREW                       | 4   |
| 19-31 | 28-451    | ドライバ (小)        | DRIVER (S)                  | 1   |
| 19-32 | 28-452    | ドライバ (大)        | DRIVER (L)                  | 1   |
| 19-33 | 28-011    | ピンセット           | TWEZERS                     | 1   |
| 19-34 | 28-421    | スパナ (小)         | SPANNER (S)                 | 1   |
| 19-35 | 28-422    | スパナ (大)         | SPANNER (L)                 | 1   |
| 19-36 | 28-310    | 六角レンチ 1.5mm     | ALLEN KEY (1.5mm)           | 1   |
| 19-37 | 28-311    | 六角レンチ 2mm       | ALLEN KEY (2mm)             | 1   |
| 19-38 | 28-312    | 六角レンチ 2.5mm     | ALLEN KEY (2.5mm)           | 1   |
| 19-39 | 28-313    | 六角レンチ 3mm       | ALLEN KEY (3mm)             | 1   |
| 19-40 | 28-314    | 六角レンチ 5mm       | ALLEN KEY (5mm)             | 1   |
| 19-41 | 25-140    | タンク取付金具         | MACHINE MONUT BRACKET       | 2   |
| 19-42 | 28-464    | T型レンチ 10mm      | T-WRENCH                    | 1   |
| 19-43 | 13-011    | 針 UYX128GAS #11 | NEEDLE                      | 1 s |
| 19-44 | 42-708    | 8本糸立て           | THREAD STAND ASSEMBLY FOR 8 | 1   |
| 19-45 | 42-274    | 糸立て棒 (上) B      | SPOOL REST ROD. UPPER       | 1   |
| 19-46 | 42-272    | 糸立て腕 (小)        | THREAD GUIDE ARM            | 6   |
| 19-47 | 42-273    | 糸道棒5本           | THREAD GUIDE 5              | 2   |
| 19-48 | 28-612    | シリコンオイル         | SILICON OIL                 | 1   |

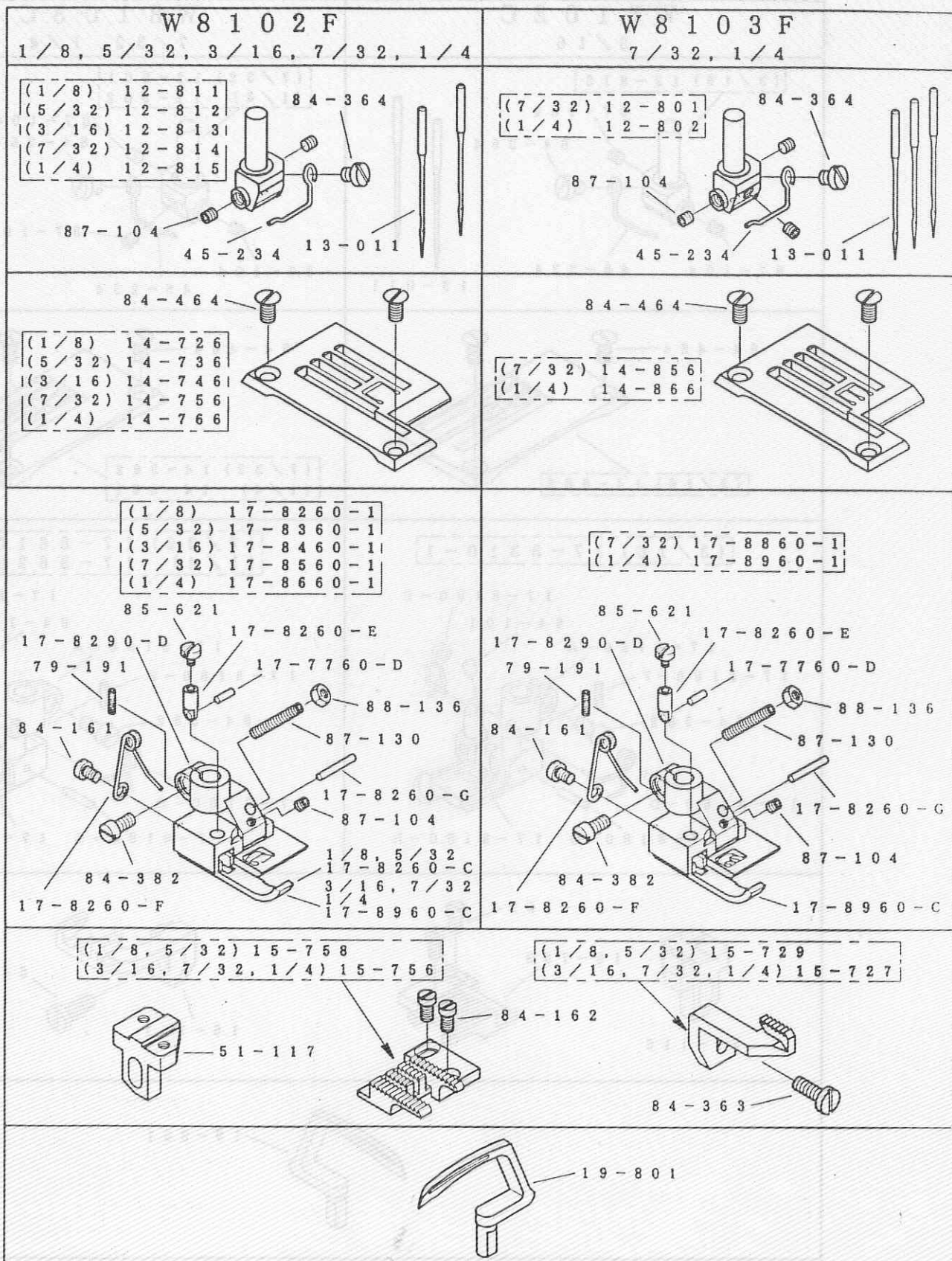
# 20-1. ケージ関係 GAUGE PARTS

| V 7 1 0 2 D, W 8 1 0 2 D<br>1/8, 5/32, 3/16, 7/32, 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | V 7 1 0 3 D, W 8 1 0 3 D<br>7/32, 1/4                                                 |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------|-------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------------|--------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|-----------|--------|-----------|--------|-----------|-------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----------|
| <div data-bbox="203 316 479 436"> <table> <tr><td>(1/8)</td><td>12-811</td></tr> <tr><td>(5/32)</td><td>12-812</td></tr> <tr><td>(3/16)</td><td>12-813</td></tr> <tr><td>(7/32)</td><td>12-814</td></tr> <tr><td>(1/4)</td><td>12-815</td></tr> </table> </div>                                                                                                                                                                                                                                                                                                     | (1/8)                                                                                 | 12-811    | (5/32)            | 12-812    | (3/16)                                                                                                                                                                                                                                             | 12-813      | (7/32) | 12-814            | (1/4)  | 12-815    | <div data-bbox="836 338 1112 414"> <table> <tr><td>(7/32)</td><td>12-801</td></tr> <tr><td>(1/4)</td><td>12-802</td></tr> </table> </div>  | (7/32)    | 12-801 | (1/4)     | 12-802 |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12-811                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12-812                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12-813                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12-814                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12-815                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12-801                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12-802                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
|  <div data-bbox="194 1059 495 1190"> <table> <tr><td>(1/8)</td><td>17-6760-1</td></tr> <tr><td>(5/32)</td><td>17-6770-1</td></tr> <tr><td>(3/16)</td><td>17-6780-1</td></tr> <tr><td>(7/32)</td><td>17-6790-1</td></tr> <tr><td>(1/4)</td><td>17-6800-1</td></tr> </table> </div> <div data-bbox="503 1059 812 1190"> <table> <tr><td>(1/8)</td><td>17-8060-1</td></tr> <tr><td>(5/32)</td><td>17-8070-1</td></tr> <tr><td>(3/16)</td><td>17-8080-1</td></tr> <tr><td>(7/32)</td><td>17-8090-1</td></tr> <tr><td>(1/4)</td><td>17-8100-1</td></tr> </table> </div> | (1/8)                                                                                 | 17-6760-1 | (5/32)            | 17-6770-1 | (3/16)                                                                                                                                                                                                                                             | 17-6780-1   | (7/32) | 17-6790-1         | (1/4)  | 17-6800-1 | (1/8)                                                                                                                                                                                                                         | 17-8060-1 | (5/32) | 17-8070-1 | (3/16) | 17-8080-1 | (7/32) | 17-8090-1 | (1/4) | 17-8100-1 |  <div data-bbox="950 1059 1266 1113"> <table> <tr><td>(7/32)</td><td>17-6810-1</td></tr> <tr><td>(1/4)</td><td>17-6820-1</td></tr> </table> </div> | (7/32) | 17-6810-1 | (1/4) | 17-6820-1 |
| (1/8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-6760-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-6770-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-6780-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-6790-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-6800-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-8060-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-8070-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-8080-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-8090-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-8100-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17-6810-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17-6820-1                                                                             |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| <div data-bbox="284 1496 787 1550"> <table> <tr><td>(1/8, 5/32)</td><td>15-755</td></tr> <tr><td>(3/16, 7/32, 1/4)</td><td>15-753</td></tr> </table> </div>                                                                                                                                                                                                                                                                                                                                                                                                       | (1/8, 5/32)                                                                           | 15-755    | (3/16, 7/32, 1/4) | 15-753    | <div data-bbox="860 1496 1364 1550"> <table> <tr><td>(1/8, 5/32)</td><td>15-724</td></tr> <tr><td>(3/16, 7/32, 1/4)</td><td>15-723</td></tr> </table> </div>  | (1/8, 5/32) | 15-724 | (3/16, 7/32, 1/4) | 15-723 |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/8, 5/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15-755                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (3/16, 7/32, 1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15-753                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (1/8, 5/32)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15-724                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
| (3/16, 7/32, 1/4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15-723                                                                                |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |           |                   |           |                                                                                                                                                                                                                                                    |             |        |                   |        |           |                                                                                                                                                                                                                               |           |        |           |        |           |        |           |       |           |                                                                                                                                                                                                                                        |        |           |       |           |

# 20-2. ケージ関係 GAUGE PARTS

| W 8 1 0 2 C<br>3 / 1 6                                                                                                                     | W 8 1 0 3 C<br>7 / 3 2, 1 / 4                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="224 265 508 308">(3/16) 12-813</div>      | <div data-bbox="865 265 1149 308">(7/32) 12-801<br/>(1/4) 12-802</div>         |
|                                                           |                                                                                |
| <div data-bbox="305 890 735 933">(3/16) 17-8310-1</div>  | <div data-bbox="938 890 1369 933">(7/32) 17-8610-1<br/>(1/4) 17-8620-1</div>  |
|                                                         |                                                                              |
|                                                        |                                                                                                                                                                  |

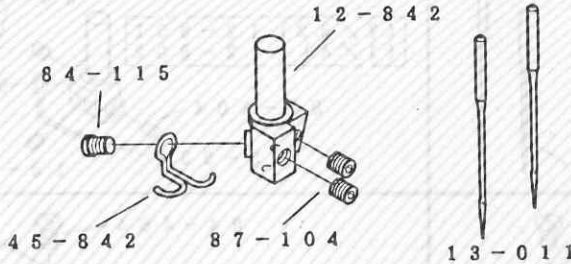
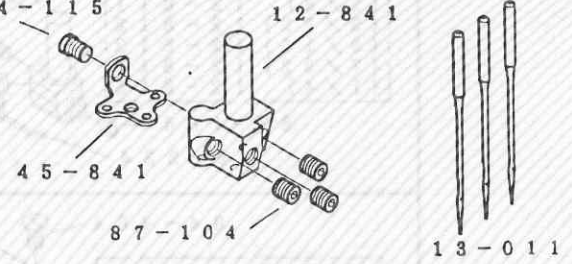
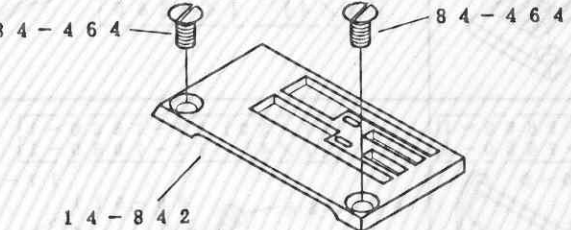
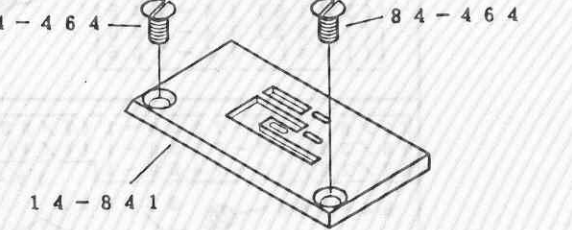
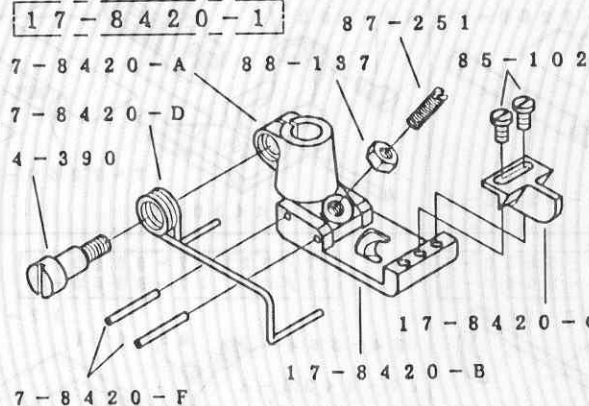
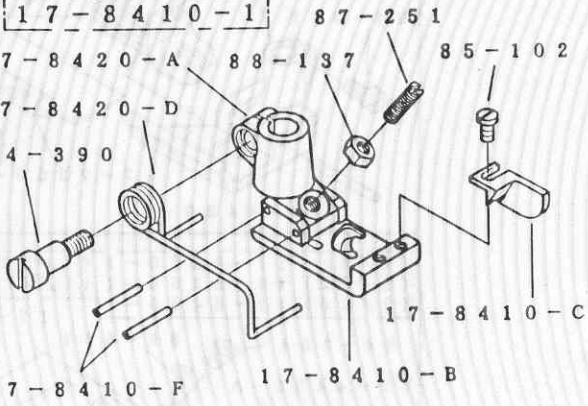
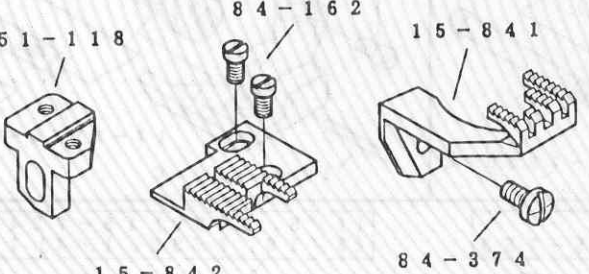
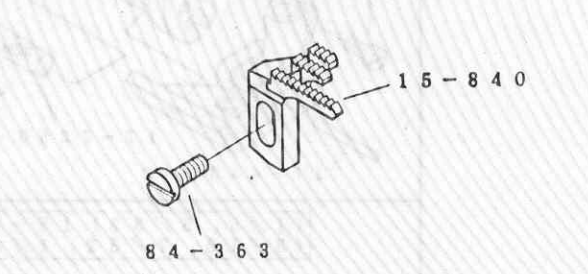
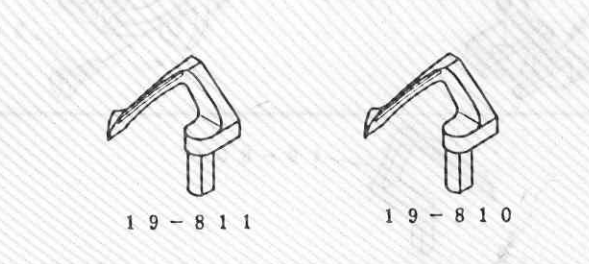
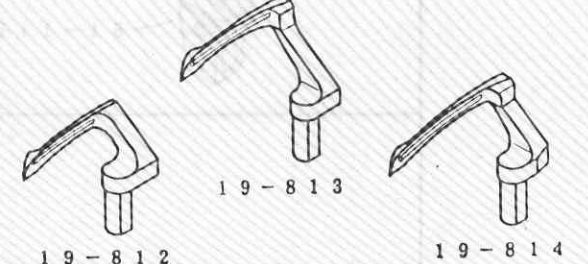
# 20-3. ケージ関係 GAUGE PARTS



# 20-4. ケーシ 関係 GAUGE PARTS

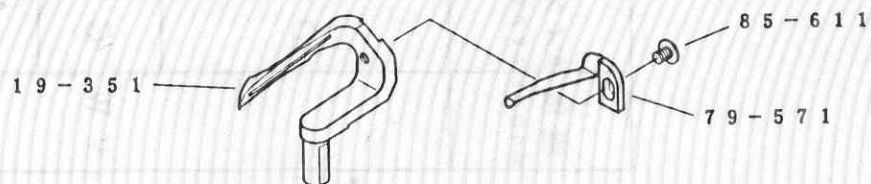
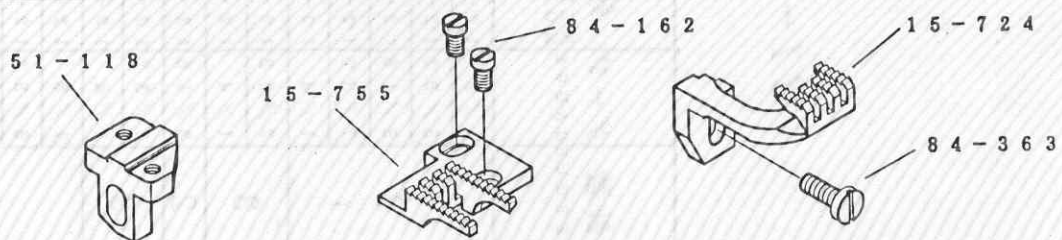
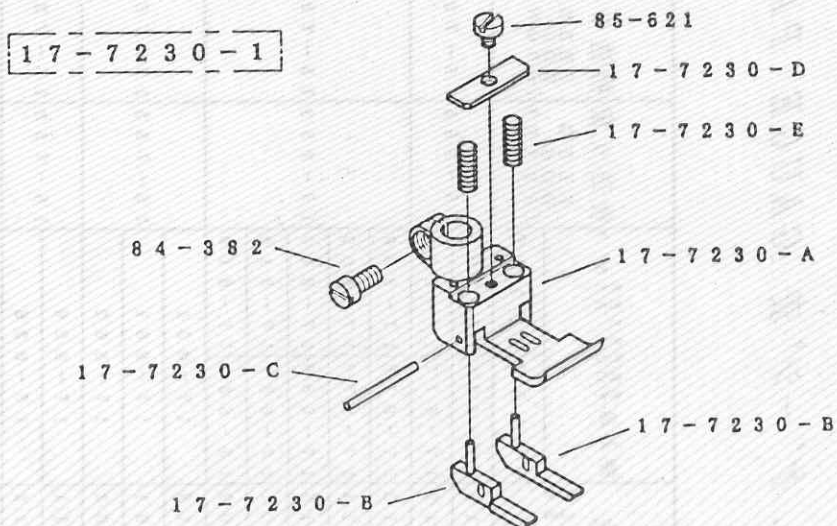
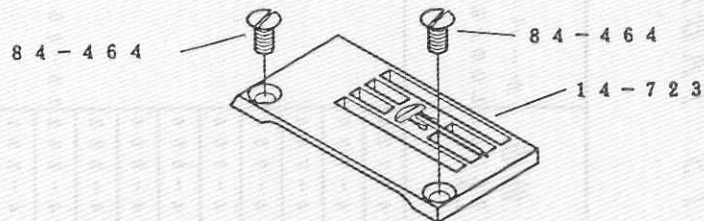
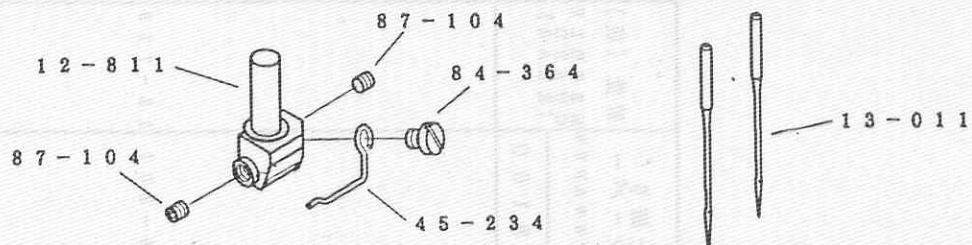
| V 7 1 0 2 D E, W 8 1 0 2 D E                                                                                                                                                                                                                   | V 7 1 0 3 D E, W 8 1 0 3 D E |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|-------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------------|--------|-----------|------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----------|
| 1/8, 5/32, 3/16, 7/32, 1/4                                                                                                                                                                                                                     | 7/32, 1/4                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| <table border="1"> <tr><td>(1/8)</td><td>12-811</td></tr> <tr><td>(5/32)</td><td>12-812</td></tr> <tr><td>(3/16)</td><td>12-813</td></tr> <tr><td>(7/32)</td><td>12-814</td></tr> <tr><td>(1/4)</td><td>12-815</td></tr> </table>              | (1/8)                        | 12-811    | (5/32)            | 12-812    | (3/16)                                                                                                                      | 12-813      | (7/32) | 12-814            | (1/4)  | 12-815    | <table border="1"> <tr><td>(7/32)</td><td>12-801</td></tr> <tr><td>(1/4)</td><td>12-802</td></tr> </table> | (7/32) | 12-801                                                                                                           | (1/4)  | 12-802    |       |           |
| (1/8)                                                                                                                                                                                                                                          | 12-811                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                         | 12-812                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                         | 12-813                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 12-814                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 12-815                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 12-801                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 12-802                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| <table border="1"> <tr><td>(1/8)</td><td>14-725</td></tr> <tr><td>(5/32)</td><td>14-735</td></tr> <tr><td>(3/16)</td><td>14-745</td></tr> <tr><td>(7/32)</td><td>14-755</td></tr> <tr><td>(1/4)</td><td>14-765</td></tr> </table>              | (1/8)                        | 14-725    | (5/32)            | 14-735    | (3/16)                                                                                                                      | 14-745      | (7/32) | 14-755            | (1/4)  | 14-765    | <table border="1"> <tr><td>(7/32)</td><td>14-855</td></tr> <tr><td>(1/4)</td><td>14-865</td></tr> </table> | (7/32) | 14-855                                                                                                           | (1/4)  | 14-865    |       |           |
| (1/8)                                                                                                                                                                                                                                          | 14-725                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                         | 14-735                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                         | 14-745                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 14-755                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 14-765                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 14-855                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 14-865                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| <table border="1"> <tr><td>(1/8)</td><td>17-7250-1</td><td>(7/32)</td><td>17-7550-1</td></tr> <tr><td>(5/32)</td><td>17-7350-1</td><td>(1/4)</td><td>17-7650-1</td></tr> <tr><td>(3/16)</td><td>17-7450-1</td><td></td><td></td></tr> </table> | (1/8)                        | 17-7250-1 | (7/32)            | 17-7550-1 | (5/32)                                                                                                                      | 17-7350-1   | (1/4)  | 17-7650-1         | (3/16) | 17-7450-1 |                                                                                                            |        | <table border="1"> <tr><td>(7/32)</td><td>17-7850-1</td></tr> <tr><td>(1/4)</td><td>17-7950-1</td></tr> </table> | (7/32) | 17-7850-1 | (1/4) | 17-7950-1 |
| (1/8)                                                                                                                                                                                                                                          | 17-7250-1                    | (7/32)    | 17-7550-1         |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                         | 17-7350-1                    | (1/4)     | 17-7650-1         |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                         | 17-7450-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 17-7850-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 17-7950-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| <table border="1"> <tr><td>(1/8)</td><td>17-8250-1</td><td>(7/32)</td><td>17-8650-1</td></tr> <tr><td>(5/32)</td><td>17-8350-1</td><td>(1/4)</td><td>17-8650-1</td></tr> <tr><td>(3/16)</td><td>17-8450-1</td><td></td><td></td></tr> </table> | (1/8)                        | 17-8250-1 | (7/32)            | 17-8650-1 | (5/32)                                                                                                                      | 17-8350-1   | (1/4)  | 17-8650-1         | (3/16) | 17-8450-1 |                                                                                                            |        | <table border="1"> <tr><td>(7/32)</td><td>17-8850-1</td></tr> <tr><td>(1/4)</td><td>17-8950-1</td></tr> </table> | (7/32) | 17-8850-1 | (1/4) | 17-8950-1 |
| (1/8)                                                                                                                                                                                                                                          | 17-8250-1                    | (7/32)    | 17-8650-1         |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (5/32)                                                                                                                                                                                                                                         | 17-8350-1                    | (1/4)     | 17-8650-1         |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16)                                                                                                                                                                                                                                         | 17-8450-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (7/32)                                                                                                                                                                                                                                         | 17-8850-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/4)                                                                                                                                                                                                                                          | 17-8950-1                    |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| <table border="1"> <tr><td>(1/8, 5/32)</td><td>15-755</td></tr> <tr><td>(3/16, 7/32, 1/4)</td><td>15-753</td></tr> </table>                                                                                                                    | (1/8, 5/32)                  | 15-755    | (3/16, 7/32, 1/4) | 15-753    | <table border="1"> <tr><td>(1/8, 5/32)</td><td>15-724</td></tr> <tr><td>(3/16, 7/32, 1/4)</td><td>15-723</td></tr> </table> | (1/8, 5/32) | 15-724 | (3/16, 7/32, 1/4) | 15-723 |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/8, 5/32)                                                                                                                                                                                                                                    | 15-755                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16, 7/32, 1/4)                                                                                                                                                                                                                              | 15-753                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (1/8, 5/32)                                                                                                                                                                                                                                    | 15-724                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
| (3/16, 7/32, 1/4)                                                                                                                                                                                                                              | 15-723                       |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |
|                                                                                                                                                                                                                                                |                              |           |                   |           |                                                                                                                             |             |        |                   |        |           |                                                                                                            |        |                                                                                                                  |        |           |       |           |

# 20-5. ケーシ 関係 GAUGE PARTS

| W 8 0 4 2    6 m m                                                                                                                                                                                               | W 8 0 4 2 - 1    2 . 5 - 6 m m                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>84-115    12-842<br/>45-842    87-104    13-011</p>                                                                         |  <p>84-115    12-841<br/>45-841    87-104    13-011</p>                                                                         |
|  <p>84-464    84-464<br/>14-842</p>                                                                                             |  <p>84-464    84-464<br/>14-841</p>                                                                                             |
|  <p>17-8420-1    87-251<br/>17-8420-A    88-137    85-102<br/>17-8420-D    84-390<br/>17-8420-C    17-8420-B<br/>17-8420-F</p> |  <p>17-8410-1    87-251<br/>17-8410-A    88-137    85-102<br/>17-8410-D    84-390<br/>17-8410-C    17-8410-B<br/>17-8410-F</p> |
|  <p>51-118    84-162    15-841<br/>15-842    84-374</p>                                                                       |  <p>15-840<br/>84-363</p>                                                                                                     |
|  <p>19-811    19-810</p>                                                                                                      |  <p>19-812    19-813    19-814</p>                                                                                            |

# 20-6. ケージ関係 GAUGE PARTS

V 7 1 0 2 M L 1 / 8



21-1. ケ-シ' 表 GAUGE PARTS TABLE

| 機種<br>MODEL | タイプ | 針数<br>NEEDLE | ゲージ<br>GAUGE | 針株<br>NEEDLE<br>HOLDER | 押え組<br>PRESSER<br>ASSY | 送り歯<br>FEED<br>DOG<br>(REAR) | 送り歯<br>FEED<br>DOG<br>(FRONT) | 針板<br>NEEDLE<br>PLATE | ル-パー<br>LOOPER | 上飾り<br>ル-パー<br>SPREADER | 針受 (後)<br>NEEDLE<br>GUARD<br>(REAR) | 針ガイド (前)<br>NEEDLE<br>GUARD<br>(FRONT) |
|-------------|-----|--------------|--------------|------------------------|------------------------|------------------------------|-------------------------------|-----------------------|----------------|-------------------------|-------------------------------------|----------------------------------------|
| V W         | D   | 2            | 1/8          | 12-811                 | 17-676                 | 17-806                       | 15-755                        | 15-724                | 14-724         | W8100                   |                                     | 18-725                                 |
|             |     |              | 5/32         | 12-812                 | 17-677                 | 17-807                       |                               | 14-734                | 14-734         |                         |                                     |                                        |
|             |     |              | 3/16         | 12-813                 | 17-678                 | 17-808                       |                               | 14-744                | 14-744         |                         |                                     |                                        |
|             |     | 3            | 7/32         | 12-814                 | 17-679                 | 17-809                       |                               | 14-754                | 14-754         |                         |                                     |                                        |
|             |     |              | 1/4          | 12-815                 | 17-680                 | 17-810                       | 15-753                        | 15-723                | 14-764         |                         |                                     |                                        |
|             |     |              | 7/32         | 12-801                 | 17-681                 | 17-818                       |                               | 14-854                | 14-854         |                         |                                     |                                        |
|             | C   | 2            | 1/4          | 12-802                 | 17-682                 | 17-819                       |                               | 14-864                | 14-864         | 19-801                  | 18-719                              | 18-725                                 |
|             |     |              | 3/16         | 12-813                 | 17-831                 |                              |                               | 14-883                | 14-883         |                         |                                     |                                        |
|             |     |              | 7/32         | 12-801                 | 17-861                 |                              | 15-753                        | 15-761                | 14-882         |                         |                                     |                                        |
|             |     | 3            | 1/4          | 12-802                 | 17-862                 |                              |                               | 14-881                | 14-881         |                         |                                     |                                        |
|             |     |              | 1/8          | 12-811                 | 17-826                 |                              | 15-758                        | 15-729                | 14-726         |                         |                                     |                                        |
|             |     |              | 5/32         | 12-812                 | 17-835                 |                              |                               | 14-736                | 14-736         |                         |                                     |                                        |
| F           | 2   |              | 3/16         | 12-813                 | 17-846                 |                              |                               | 14-746                | 14-746         |                         |                                     |                                        |
|             |     |              | 7/32         | 12-814                 | 17-856                 |                              |                               | 14-756                | 14-756         |                         |                                     |                                        |
|             |     |              | 1/4          | 12-815                 | 17-866                 |                              | 15-756                        | 15-727                | 14-766         |                         |                                     |                                        |
|             | 3   |              | 7/32         | 12-801                 | 17-886                 |                              |                               | 14-856                | 14-856         |                         |                                     |                                        |
|             |     |              | 1/4          | 12-802                 | 17-896                 |                              |                               | 14-866                | 14-866         |                         |                                     |                                        |

21-2. ケーシ表 GAUGE PARTS TABLE

| 機種<br>MODEL | タイプ<br>TYPE | 針数<br>NEEDLE | ゲージ<br>GAUGE | 針株<br>NEEDLE<br>HOLDER | 押え廻 PRESSER<br>FOOT ASS'Y |        | 後送り歯<br>FEED<br>DOGG<br>(REAR) | 前送り歯<br>FEED<br>DOGG<br>(FRONT) | 針板<br>NEEDLE<br>PLATE | ルーパー<br>LOOPER | 上飾り<br>ルーパー<br>SPREADER | 針受 (後)<br>NEEDLE<br>GUARD<br>(REAR) | 針ガイド (前)<br>NEEDLE<br>GUARD<br>(FRONT) |
|-------------|-------------|--------------|--------------|------------------------|---------------------------|--------|--------------------------------|---------------------------------|-----------------------|----------------|-------------------------|-------------------------------------|----------------------------------------|
| V W D E     | 2           |              | 1/8          | 12-811                 | 17-725                    | 17-825 | 15-755                         | 15-724                          | 14-725                | 19-801         | W8100                   | 18-719                              | 18-725                                 |
|             |             |              | 5/32         | 12-812                 | 17-735                    | 17-835 |                                | 14-735                          |                       |                |                         |                                     |                                        |
|             |             |              | 3/16         | 12-813                 | 17-745                    | 17-845 |                                | 14-745                          |                       |                |                         |                                     |                                        |
|             |             |              | 7/32         | 12-814                 | 17-755                    | 17-855 |                                | 14-755                          |                       |                |                         |                                     |                                        |
|             | 3           |              | 1/4          | 12-815                 | 17-765                    | 17-865 | 15-753                         | 15-723                          | 14-765                |                |                         |                                     |                                        |
|             |             |              | 7/32         | 12-801                 | 17-785                    | 17-885 |                                | 14-855                          |                       |                |                         |                                     |                                        |
|             |             |              | 1/4          | 12-802                 | 17-795                    | 17-895 |                                | 14-865                          |                       |                |                         |                                     |                                        |
|             |             |              |              |                        |                           |        |                                |                                 |                       |                |                         |                                     |                                        |
| W8042       |             | 2            | 6mm          | 12-842                 | 17-842                    |        | 15-842                         | 15-841                          | 14-842                | 19-810         | 18-842                  | 18-840                              |                                        |
|             |             |              |              |                        |                           |        |                                | 19-811                          |                       |                |                         |                                     |                                        |
| W8042-1     |             | 3            | 2.5-6mm      | 12-841                 | 17-841                    |        | 15-840                         | 14-841                          | 19-812                | 19-841         | 18-840                  | 18-719                              |                                        |
|             |             |              |              |                        |                           |        |                                | 19-813                          |                       |                |                         |                                     |                                        |
| V7102ML     |             | 2            | 1/8          | 12-811                 | 17-723                    |        | 15-755                         | 15-724                          | 14-723                | 19-351         |                         | 18-719                              | 18-725                                 |

| REF.<br>NO. | PRAT NO.<br>品 番 | REF.<br>NO. | PRAT NO.<br>品 番 | REF.<br>NO. | PRAT NO.<br>品 番 | REF.<br>NO. | PRAT NO.<br>品 番 | REF.<br>NO. | PRAT NO.<br>品 番 | REF.<br>NO. | PRAT NO.<br>品 番 |
|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| 14-18       | 04-801          | 02-18       | 23-236          | 19-25       | 28-611          | 05-17       | 41-136          | 04-24       | 45-914          | 11-40       | 67-315          |
| 14-10       | 04-802          | 15-51       | 23-304          | 19-48       | 28-612          | 06-04       | 41-151          | 06-22       | 47-127          | 08-02       | 67-801          |
| 14-26       | 04-803          | 15-05       | 23-306          | 19-28       | 28-920          | 06-03       | 41-152          | 06-21       | 47-128          | 08-13       | 67-802          |
| 08-07       | 11-801          | 13-10       | 23-311          | 15-33       | 30-015          | 06-02       | 41-153          | 06-07       | 47-131          | 08-21       | 67-803          |
| 08-31       | 11-842          | 05-05       | 23-324          | 15-20       | 30-122          | 06-01       | 41-154          | 06-06       | 47-132          | 08-26       | 67-806          |
| 19-43       | 13-011          | 09-22       | 23-341          | 15-14       | 30-248          | 04-29       | 41-156          | 04-32       | 47-149          | 14-02       | 67-807          |
| 02-24       | 14-031-2        | 12-28       | 23-341          | 15-25       | 31-104          | 04-30       | 41-157          | 04-18       | 47-166          | 07-14       | 69-147          |
| 02-27       | 14-032-2        | 11-38       | 23-341          | 15-28       | 31-105          | 05-11       | 41-236          | 06-23       | 47-841          | 07-21       | 69-305          |
| 11-21       | 18-709          | 08-30       | 23-398          | 15-23       | 31-106          | 05-09       | 41-237          | 06-24       | 49-142          | 03-01       | 69-803          |
| 11-23       | 18-719          | 15-49       | 23-451          | 18-03       | 31-163          | 04-19       | 41-304          | 06-15       | 49-146          | 08-28       | 69-806          |
| 11-22       | 18-720          | 02-10       | 23-504          | 19-26       | 31-163          | 05-07       | 41-510          | 04-34       | 49-923          | 10-14       | 71-201          |
| 09-40       | 18-722          | 02-14       | 23-512          | 19-27       | 31-1630-2       | 05-08       | 41-701          | 07-03       | 51-013          | 04-12       | 71-202          |
| 09-41       | 18-725          | 01-15       | 23-800          | 15-53       | 31-219-2        | 05-03       | 41-702          | 07-01       | 51-031          | 02-23       | 71-251          |
| 12-13       | 18-840          | 01-07       | 23-804          | 15-47       | 31-222          | 04-22       | 41-721          | 07-06       | 51-036          | 03-20       | 71-262          |
| 11-46       | 18-841          | 15-56       | 23-913          | 15-36       | 31-249          | 19-02       | 42-251          | 11-10       | 51-102          | 10-10       | 71-322          |
| 11-47       | 18-842          | 02-40       | 24-029          | 15-48       | 31-270          | 19-03       | 42-252          | 11-13       | 51-103          | 11-39       | 71-431          |
| 09-42       | 19-289          | 01-11       | 24-103          | 15-55       | 31-271          | 19-04       | 42-253          | 11-06       | 51-105          | 09-21       | 71-431          |
| 09-48       | 19-290          | 01-09       | 24-254          | 15-40       | 31-314          | 19-05       | 42-254          | 11-33       | 51-109          | 12-35       | 71-431          |
| 10-21       | 19-292          | 01-06       | 24-509          | 15-34       | 31-409          | 19-06       | 42-255          | 11-15       | 51-111          | 12-36       | 71-432          |
| 10-17       | 19-323          | 19-41       | 25-140          | 07-12       | 31-410          | 19-07       | 42-256          | 11-30       | 51-112          | 08-03       | 71-465          |
| 10-18       | 19-341          | 18-04       | 25-140          | 15-31       | 31-420          | 19-08       | 42-257          | 11-20       | 51-118          | 08-06       | 71-501          |
| 14-21       | 19-807          | 02-33       | 25-226          | 15-32       | 31-435          | 19-10       | 42-258          | 11-45       | 51-120          | 08-15       | 71-506          |
| 14-25       | 19-841          | 17-08       | 25-227          | 15-21       | 31-438          | 19-11       | 42-259          | 12-02       | 55-041          | 12-01       | 71-531          |
| 14-22       | 19-844          | 02-32       | 25-503          | 15-24       | 31-451          | 19-12       | 42-260          | 12-16       | 55-051          | 11-18       | 71-531          |
| 14-24       | 19-845          | 02-30       | 25-517          | 15-26       | 31-452          | 19-13       | 42-261          | 12-19       | 55-176          | 13-11       | 71-543          |
| 19-29       | 20-002          | 16-14       | 26-615          | 15-30       | 31-453          | 19-14       | 42-262          | 10-16       | 61-312          | 14-13       | 71-553          |
| 04-15       | 20-532          | 16-23       | 26-6150-A       | 15-29       | 31-454          | 19-15       | 42-263          | 11-54       | 61-314          | 09-11       | 71-561          |
| 17-22       | 20-6020-0       | 16-17       | 26-6150-B       | 15-27       | 31-456          | 19-16       | 42-264          | 09-15       | 61-314          | 09-01       | 71-612          |
| 16-24       | 20-615          | 16-18       | 26-6150-C       | 15-46       | 35-107          | 19-18       | 42-265          | 12-34       | 61-322          | 12-07       | 71-642          |
| 18-01       | 21-045          | 16-20       | 26-6150-D       | 15-18       | 35-122          | 19-19       | 42-266          | 11-53       | 61-322          | 11-01       | 71-647          |
| 18-08       | 21-056          | 16-21       | 26-6150-E       | 15-10       | 35-247          | 19-20       | 42-267          | 09-31       | 61-513          | 08-01       | 71-695          |
| 18-09       | 21-057          | 17-11       | 26-708          | 15-11       | 35-314          | 19-21       | 42-268          | 09-09       | 61-514          | 07-09       | 71-753          |
| 18-10       | 21-058          | 02-37       | 26-712          | 15-19       | 35-315          | 19-22       | 42-269          | 09-06       | 61-723          | 07-08       | 71-785          |
| 02-20       | 21-137          | 16-10       | 26-724          | 15-12       | 35-341          | 19-23       | 42-270          | 14-08       | 61-801          | 07-13       | 71-890          |
| 01-02       | 21-212          | 17-13       | 26-751          | 15-13       | 35-342          | 19-24       | 42-271          | 14-05       | 61-802          | 09-47       | 71-901          |
| 01-16       | 21-402          | 17-15       | 26-752          | 15-42       | 35-343          | 19-46       | 42-272          | 10-02       | 61-823          | 10-20       | 74-616          |
| 03-09       | 21-452          | 17-14       | 26-753          | 15-07       | 35-413          | 19-47       | 42-273          | 12-32       | 63-232          | 07-10       | 75-101          |
| 02-16       | 21-519          | 16-04       | 26-781          | 15-15       | 35-521          | 19-45       | 42-274          | 11-51       | 63-232          | 08-17       | 75-06           |
| 01-13       | 21-712          | 16-01       | 26-821          | 15-39       | 35-822          | 18-11       | 42-510          | 09-19       | 63-232          | 09-02       | 75-107          |
| 02-08       | 21-781          | 16-03       | 26-822          | 15-06       | 35-831          | 19-01       | 42-706          | 12-27       | 63-353          | 06-17       | 75-114          |
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