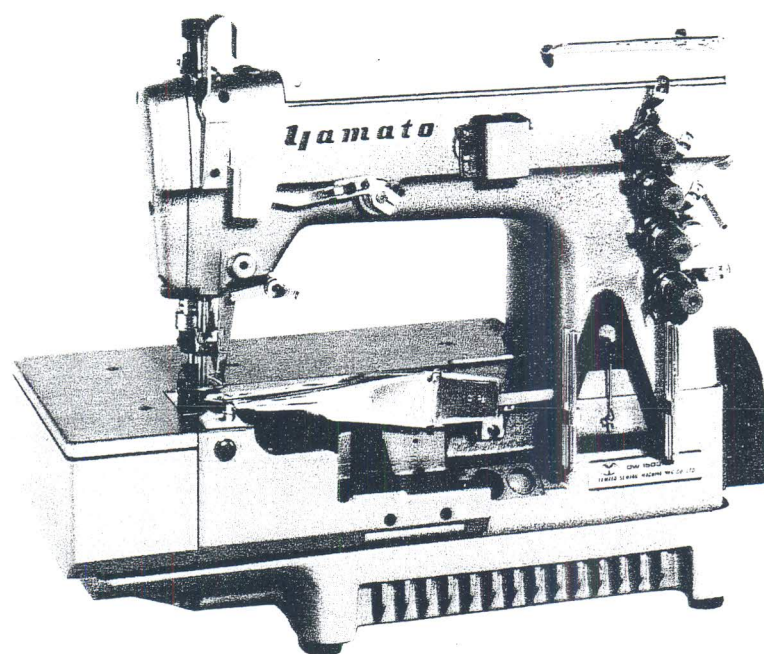


# ***Jamato***<sup>®</sup>

INDUSTRIAL SEWING MACHINE

ILLUSTRATED SPARE PARTS LIST  
FOR  
HIGH SPEED  
INTERLOCK CHAINSTITCH MACHINE



## MODELS & DEVICES

DV-1400

DW-1500

DV-1411/UT

DV-1403

DW-1503

"FC" "EC" "EU" "K1" "C"

DV-1409

DW-1509

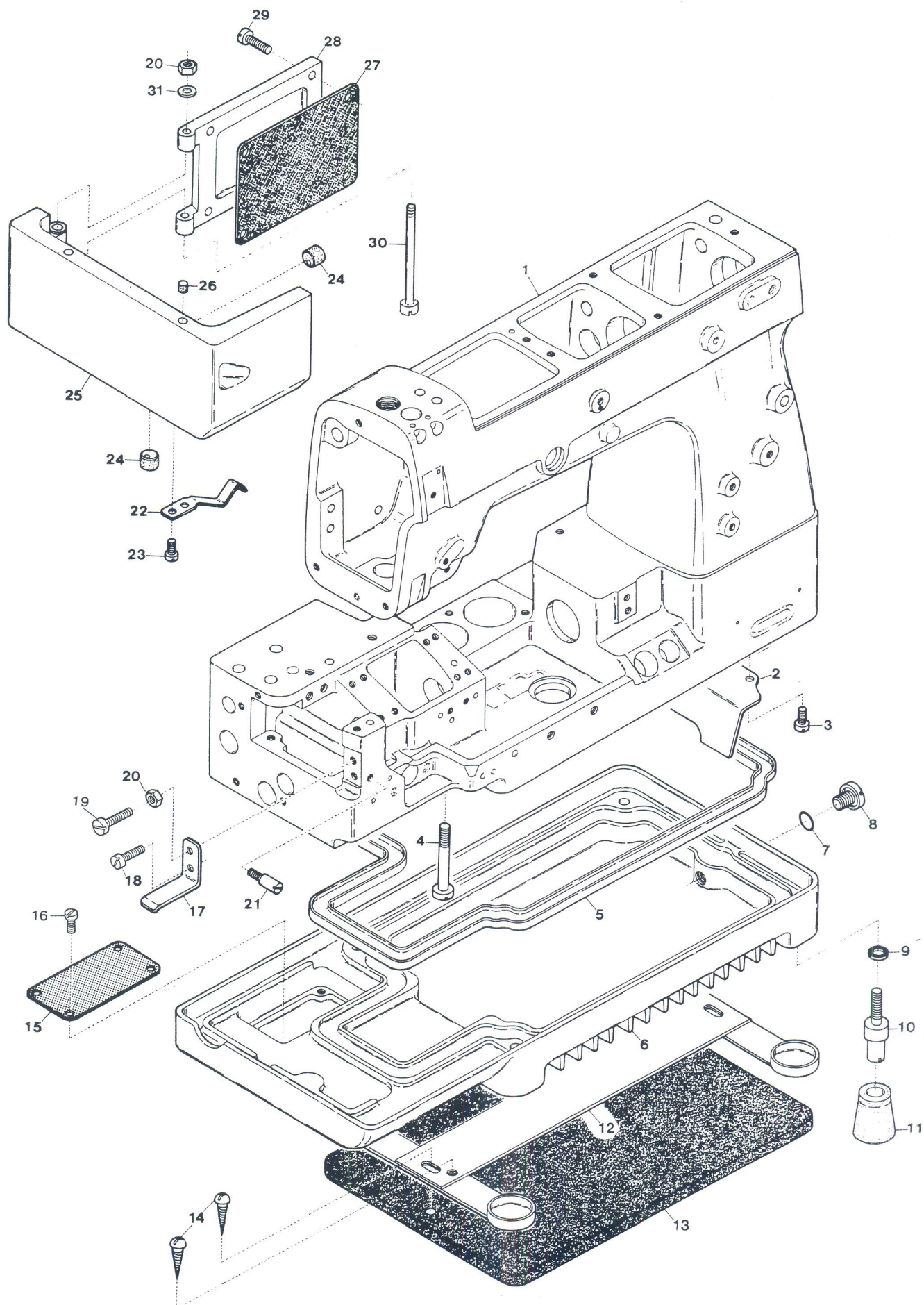
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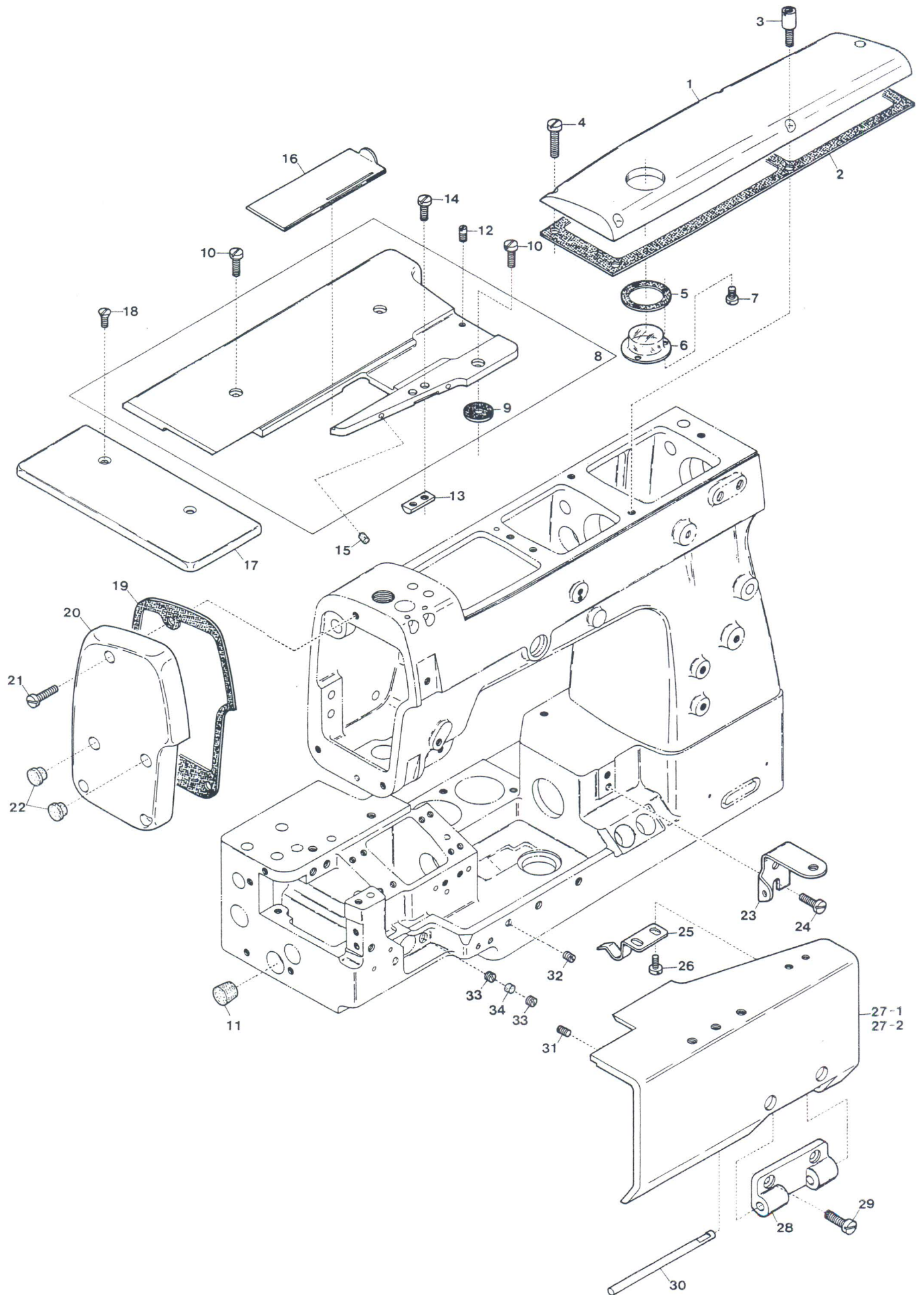
Illustration of this Parts Book is based on the Model DV-1400.  
このパーツブックはDV-1400を基本にしてイラストを作成しております。





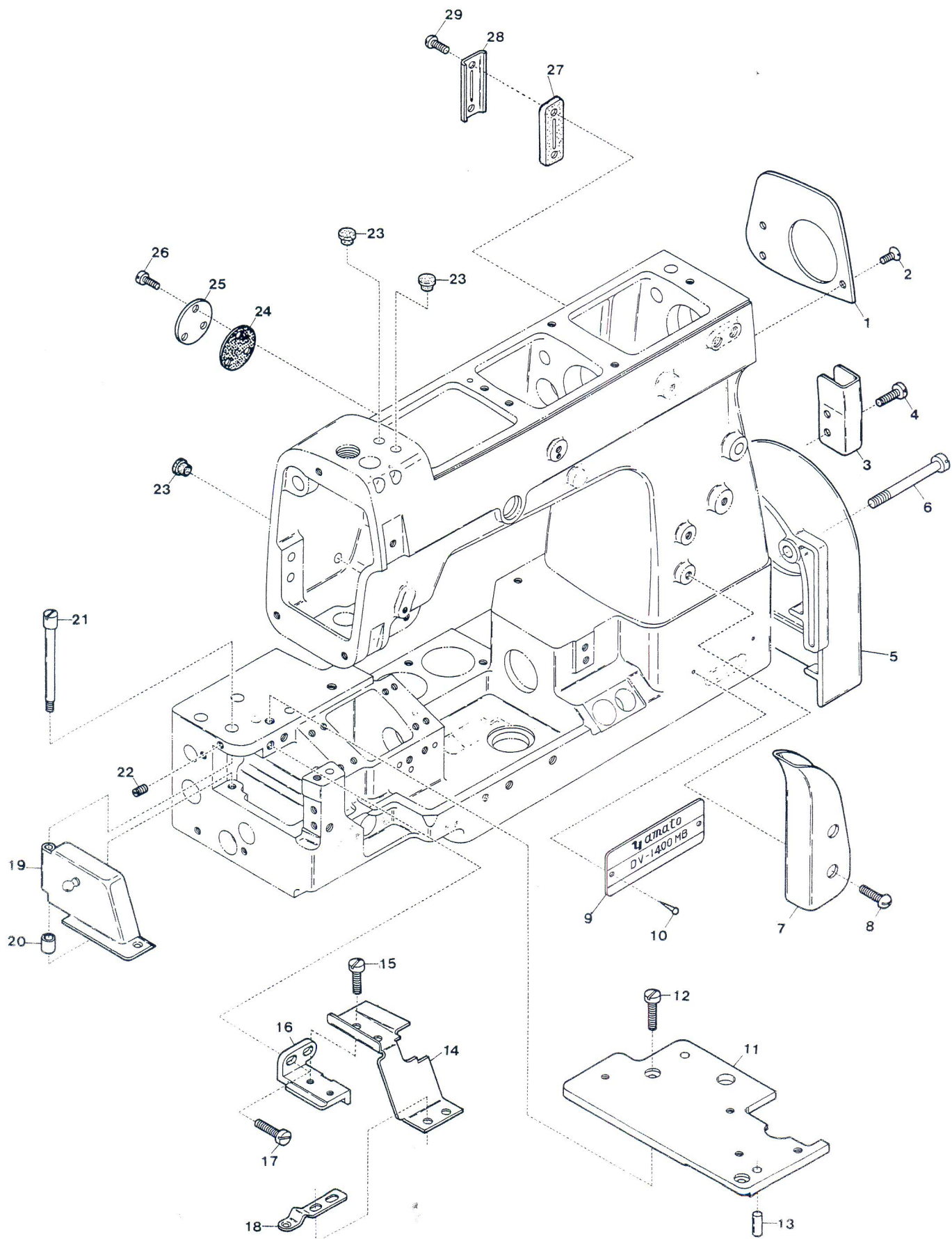
| Ref.<br>No. | Parts<br>No. | Description                     | 品 名          | Amt.<br>Req. |
|-------------|--------------|---------------------------------|--------------|--------------|
| 1           | 95100        | Machine Frame, Complete Set     | アームベッド(組)    | 1            |
| 2           | 95147        | Machine Frame Stay              | ベッド支エ        | 1            |
| 3           | 1202         | Screw for 95147                 | ベッド支エ止ネジ     | 3            |
| 4           | 6263         | Screw for 95100                 | ベッド支エネジ      | 1            |
| 5           | 93004        | Base Gasket                     | ベースパッキン      | 1            |
| 6           | 95103        | Base                            | ベース          | 1            |
| 7           | 32421        | Drain Hole Seal                 | 油抜キネジリング     | 1            |
| 8           | 5076         | Drain Hole Screw                | 油抜キネジ        | 1            |
| 9           | 570          | Seal for 95103                  | ベース止ネジパッキン   | 4            |
| 10          | 6264         | Screw for 95103                 | ベース止ネジ       | 4            |
| 11          | 93035        | Base Rubber Cushion             | ゴム座          | 4            |
| 12          | 93036        | Rubber Cushion Holder Plate     | ベースプレート      | 1            |
| 13          | 93045        | Base Felt                       | ベースフェルト      | 1            |
| 14          | 6910         | Wood Screw for 93036            | ベースプレート止ネジ   | 4            |
| 15          | 95104        | Base Filter Screen              | ベース汙過網       | 1            |
| 16          | 1227         | Screw for 95104                 | ベース汙過網止ネジ    | 4            |
| 17          | 95111        | Side Opening Cover Holder       | 横開キカバー受ケ     | 1            |
| 18          | 4440         | Screw for 95111                 | 横開キカバー受ケ止ネジ  | 1            |
| 19          | 5004         | Screw for 95111                 | 横開キカバー受ケ止ネジ  | 1            |
| 20          | 334          | Nut for 95111 95118             | ナット          | 2            |
| 21          | 6265         | Screw for 95145                 | 横開キカバーバネ掛けネジ | 1            |
| 22          | 95145        | Side Opening Cover Latch Spring | 横開キカバーバネ     | 1            |
| 23          | 9853         | Screw for 95145                 | 横開キカバーバネ止ネジ  | 2            |
| 24          | 32604        | Rubber Cushion (Large)          | 埋メ座(大)       | 2            |
| 25          | 95117        | Side Opening Cover              | 横開キカバー       | 1            |
| 26          | 38221        | Rubber Cushion (Small)          | 埋メ座(小)       | 2            |
| 27          | 95108        | Rear Cover Gasket               | ベッド後蓋パッキン    | 1            |
| 28          | 95207        | Rear Cover                      | ベッド後蓋        | 1            |
| 29          | 1156         | Screw for 95207                 | ベッド後蓋止ネジ     | 4            |
| 30          | 95118        | Side Opening Cover Pin          | 横開キカバーピン     | 1            |
| 31          | 541          | Washer for 95118                | ワッシャ         | 1            |





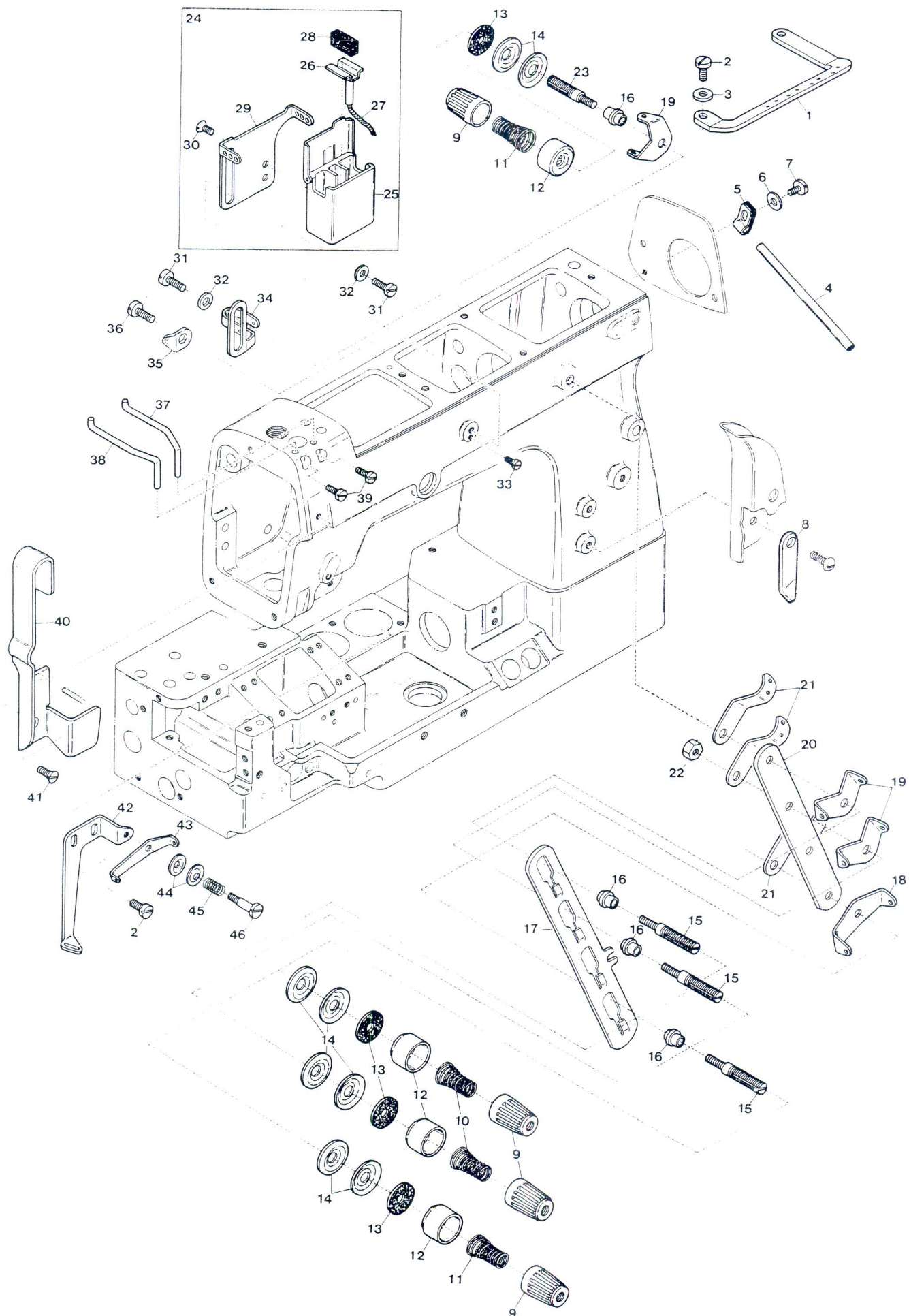
| Ref.<br>No. | Parts<br>No. | Description                       | 品 名           | Amt.<br>Req. |
|-------------|--------------|-----------------------------------|---------------|--------------|
| 1           | 93015        | Top Cover                         | 上カバー          | 1            |
| 2           | 93016        | Top Cover Gasket                  | 上カバーパッキン      | 1            |
| 3           | 5491         | Screw for 93015                   | 上カバー止ネジ       | 2            |
| 4           | 5070         | Screw for 93015                   | 上カバー止ネジ       | 3            |
| 5           | 32924        | Oil Sight Top Window Seal         | 油量覗キキャップパッキン  | 1            |
| 6           | 32930        | Oil Sight Top Window              | 油量覗キキャップ      | 1            |
| 7           | 4404         | Screw for 32930                   | 油量覗キキャップ止ネジ   | 3            |
| 8           | 95185        | Cloth Plate, Complete Set         | 大カバー(組)       | 1            |
| 9           | 95184        | Cloth Plate Felt                  | 大カバーフェルト      | 3            |
| 10          | 9150         | Screw for 95185                   | 大カバー止ネジ       | 3            |
| 11          | 95218        | Seal Plug for Machine Frame       | 詰栓            | 1            |
| 12          | 3410         | Stop Screw for 93030              | 滑り板ストッパネジ     | 1            |
| 13          | 93010        | Front Cover Latch                 | 前開キカバーバネ掛ケ    | 1            |
| 14          | 7609         | Screw for 93010                   | 前開キカバーバネ掛ケ止ネジ | 2            |
| 15          | 93059        | Cloth Plate Rubber Cushion        | 大カバーゴム座       | 2            |
| 16          | 93030        | Cloth Plate Slide Cover           | 滑り板           | 1            |
| 17          | 95183        | Cloth Plate (Small)               | 小カバー          | 1            |
| 18          | 5343         | Screw for 95183                   | 小カバー止ネジ       | 2            |
| 19          | 93018        | Head Cover Gasket                 | 面蓋パッキン        | 1            |
| 20          | 93017        | Head Cover                        | 面蓋            | 1            |
| 21          | 1156         | Screw for 93017                   | 面蓋止ネジ         | 3            |
| 22          | 93039        | Seal Plug                         | 詰栓            | 2            |
| 23          | 93053        | Cloth Plate Stay                  | 大カバー取付片       | 1            |
| 24          | 4440         | Screw for 93053                   | 大カバー取付片止ネジ    | 2            |
| 25          | 93009        | Front Cover Latch Spring          | 前開キカバーバネ      | 1            |
| 26          | 4358         | Screw for 93009                   | 前開キカバーバネ止ネジ   | 2            |
| 27-1        | 93006        | Front Cover (Needle Distance A~D) | 前開キカバー(A~D)   | 1            |
| 27-2        | 93048        | " " ( " " E)                      | " (E)         | 1            |
| 28          | 93007        | Front Cover Hinge                 | 前開キカバーヒンジ     | 1            |
| 29          | 4437         | Screw for 93007                   | 前開キカバーヒンジ止ネジ  | 2            |
| 30          | 93008        | Front Cove Hinge Pin              | 前開キカバーピン      | 1            |
| 31          | 9526         | Screw for 93008                   | 前開キカバーピン止ネジ   | 2            |
| 32          | 3433         | Plug Screw for Machine Frame      | 詰ネジ           | 1            |
| 33          | 7645         | " " " " " "                       | "             | 2            |
| 34          | 926          | Seal Plug for Machine Frame       | 詰栓            | 1            |





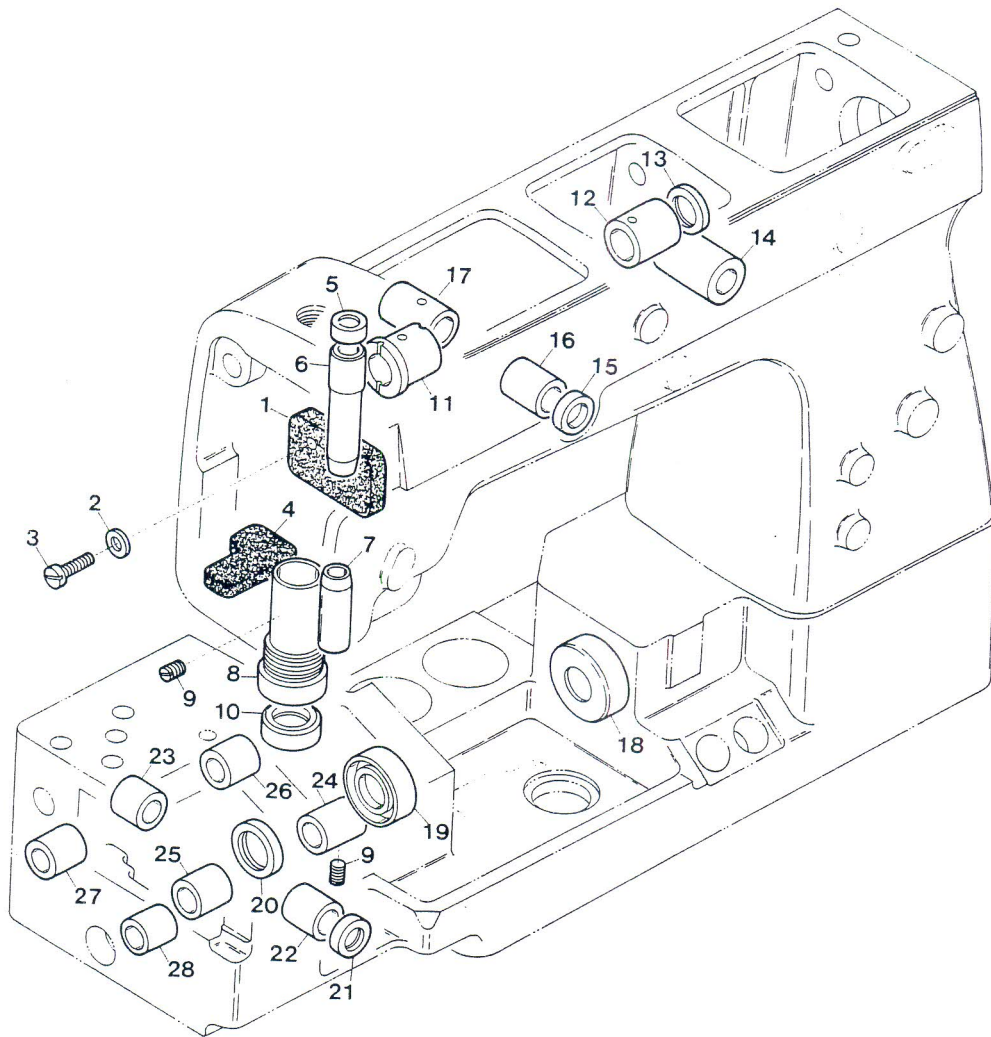
| Ref.<br>No. | Parts<br>No. | Description                             | 品 名            | Amt.<br>Req. |
|-------------|--------------|-----------------------------------------|----------------|--------------|
| 1           | 93052        | Tail Cover Gasket                       | 後蓋             | 1            |
| 2           | 7128         | Screw for 93052                         | 後蓋止ネジ          | 2            |
| 3           | 93046        | Foot Lifter Chain Guide                 | チェーンガイド        | 1            |
| 4           | 9121         | Screw for 93046                         | チェーンガイド止ネジ     | 2            |
| 5           | 63031        | Belt Cover                              | ベルトカバー         | 1            |
| 6           | 4090         | Screw for 63031                         | ベルトカバー止ネジ      | 2            |
| 7           | 93029        | Looper Thread Guard                     | 糸道カバー          | 1            |
| 8           | 5163         | Screw for 93029                         | 糸道カバー止ネジ       | 2            |
| 9           |              | Model Plate (See the table on page 15.) | 型式板(15ページ参照)   | 1            |
| 10          | 726          | Rivet for Model Plate                   | 止メ鉄            | 2            |
| 11          | 93031        | Stitch Plate Supporter                  | 針板取付板          | 1            |
| 12          | 5043         | Screw for 93031                         | 針板取付板止ネジ       | 2            |
| 13          | 745          | Pin for 93031                           | 針板取付板ノックピン     | 2            |
| 14          | 93028        | Feed Bar Front Cover                    | 送りダストカバー       | 1            |
| 15          | 7006         | Screw for 93028                         | 送りダストカバー止ネジ    | 1            |
| 16          | 93385        | Feed Bar Guide (Left)                   | 送り台ガイド(左)      | 1            |
| 17          | 9150         | Screw for 93385                         | 送り台ガイド(左)止ネジ   | 2            |
| 18          | 93027        | Feed Mechanism Cover Spring             | 送りリンクカバーバネ     | 1            |
| 19          | 95116        | Feed Mechanism Cover, Complete Set      | 送りリンクカバー(組)    | 1            |
| 20          | 95114        | Feed Mechanism Cover Pin Sleeve         | 送りリンクカバーピンスリーブ | 1            |
| 21          | 95113        | Feed Mechanism Cover Pin                | 送りリンクカバーピン     | 1            |
| 22          | 9533         | Screw for 95113                         | 送りリンクカバーピン止ネジ  | 1            |
| 23          | 93039        | Seal Plug                               | 詰栓             | 3            |
| 24          | 93308        | Looper Driving Shaft End Cap Gasket     | ルーバ軸蓋バックイン     | 1            |
| 25          | 93307        | Looper Driving Shaft End Cap            | ルーバ軸蓋          | 1            |
| 26          | 1175         | Screw 93307                             | ルーバ軸蓋止ネジ       | 3            |
| 27          | 93034        | Ornamental Thread Take-Up Cover Gasket  | アームダストカバーバックイン | 1            |
| 28          | 93033        | Ornamental Thread Take-Up Cover         | アームダストカバー      | 1            |
| 29          | 1326         | Screw for 93033                         | アームダストカバー止ネジ   | 2            |





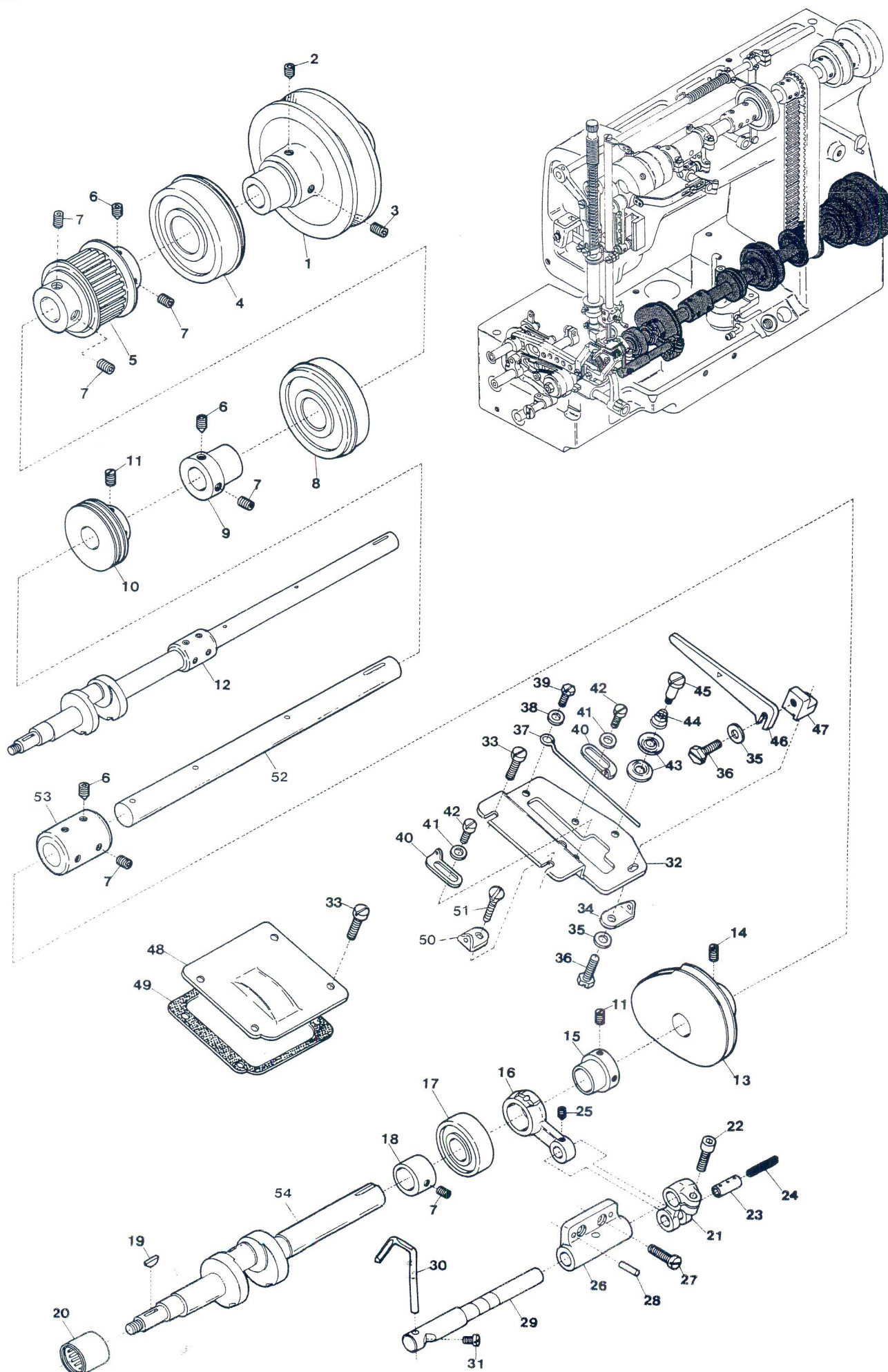
| Ref.<br>No. | Parts<br>No. | Description                           | 品 名          | Amt.<br>Req. |
|-------------|--------------|---------------------------------------|--------------|--------------|
| 1           | 93553        | Top Cover Thread Eyelet               | 上カバー糸道       | 1            |
| 2           | 4353         | Screw for 93553, 93534                | 止ネジ          | 4            |
| 3           | 532          | Washer for 93553                      | ワッシャ         | 2            |
| 4           | 93538        | Thread Eyelet Pipe                    | 糸道パイプ        | 1            |
| 5           | 93528        | Thread Eyelet Pipe Stay               | 糸道パイプ支エ      | 1            |
| 6           | 541          | Washer for 93528                      | ワッシャ         | 1            |
| 7           | 9932         | Screw for 93528                       | 糸道パイプ支エ止ネジ   | 1            |
| 8           | 93556        | Looper Thread Eyelet (Long)           | ルーバ糸道(長)     | 1            |
| 9           | 93547        | Thread Tension Spring Cap             | 渦巻キバネキャップ(上) | 4            |
| 10          | 90814        | Needle Thread Tension Spring          | 糸調子バネ(太)     | 2            |
| 11          | 90847        | Looper Thread Tension Spring          | 糸調子バネ(細)     | 2            |
| 12          | 93555        | Thread Tension Spring Retainer        | 渦巻キバネキャップ(下) | 4            |
| 13          | 286          | Felt for 31111                        | フェルト         | 4            |
| 14          | 31111        | Tension Disc                          | 糸調子皿         | 8            |
| 15          | 9844         | Tension Post                          | 糸調子棒         | 3            |
| 16          | 90812        | Tension Post Ferrule                  | 糸調子棒糸摺レ      | 4            |
| 17          | 90804        | Tension Disc Separator                | 糸緩メ板         | 1            |
| 18          | 90857        | Tension Disc Eyelet for Looper Thread | 下糸調子皿糸道      | 1            |
| 19          | 90856        | Tension Disc Eyelet                   | 調子皿糸道        | 3            |
| 20          | 90805        | Tension Post Support                  | 糸調子台         | 1            |
| 21          | 90807        | Thread Lead-In Guide                  | 糸調子台糸道       | 3            |
| 22          | 813          | Nut for 9844                          | 糸調子棒ナット      | 1            |
| 23          | 9835         | Tension Post                          | 糸調子棒         | 1            |
| 24          | 93520        | SP Unit, Complete Set                 | S P 装置(組)    | 1            |
| 25          | 93522        | Cup for SP Unit                       | S P タンク(組)   | 1            |
| 26          | 93517        | SP Felt Stay                          | S P フェルト支エ   | 1            |
| 27          |              | Oil Wick for 93517                    | 油芯           | 1            |
| 28          | 93526        | Felt for SP Unit                      | S P フェルト     | 1            |
| 29          | 93521        | Needle Thread Eyelet                  | 針糸道          | 1            |
| 30          | 5431         | Screw for 93522                       | S P タンク止ネジ   | 2            |
| 31          | 4440         | Screw for 93521, 93533                | 止ネジ          | 2            |
| 32          | 538          | Washer for 93521, 93533               | ワッシャ         | 2            |
| 33          | 7616         | Guide Screw for 93520                 | S P 装置ガイドネジ  | 1            |
| 34          | 93533        | Ornamental Thread Take-Up Eyelet      | 飾り糸道         | 1            |
| 35          | 60170        | Ornamental Thread Eyelet              | 飾り糸道(短)      | 1            |
| 36          | 9142         | Screw for 60170                       | 飾り糸道止ネジ      | 1            |
| 37          | 93544        | Needle Thread Guide (Right)           | 針糸受ケ(右)      | 1            |
| 38          | 93554        | Needle Thread Guide (Left)            | 針糸受ケ(左)      | 1            |
| 39          | 5036         | Screw for 93544, 93554                | 針糸受ケ止ネジ      | 2            |
| 40          | 93552        | Needle Thread Eyelet Guard            | 針棒糸道ガード      | 1            |
| 41          | 7619         | Screw for 93552                       | 針棒糸道ガード止ネジ   | 1            |
| 42          | 93534        | Ornamental Thread Guide               | 飾り糸案内        | 1            |
| 43          | 93535        | Supplementary Thread Guide            | 小調子台         | 1            |
| 44          | 37108        | Supplementary Tension Disc            | 小調子皿         | 2            |
| 45          | 93466        | Supplementary Tension Spring          | 飾り糸調子バネ      | 1            |
| 46          | 9827         | Screw for 93535                       | 小調子台止ネジ      | 1            |
| 47          | 687          | Pin for 93552                         | ノックピン        | 1            |





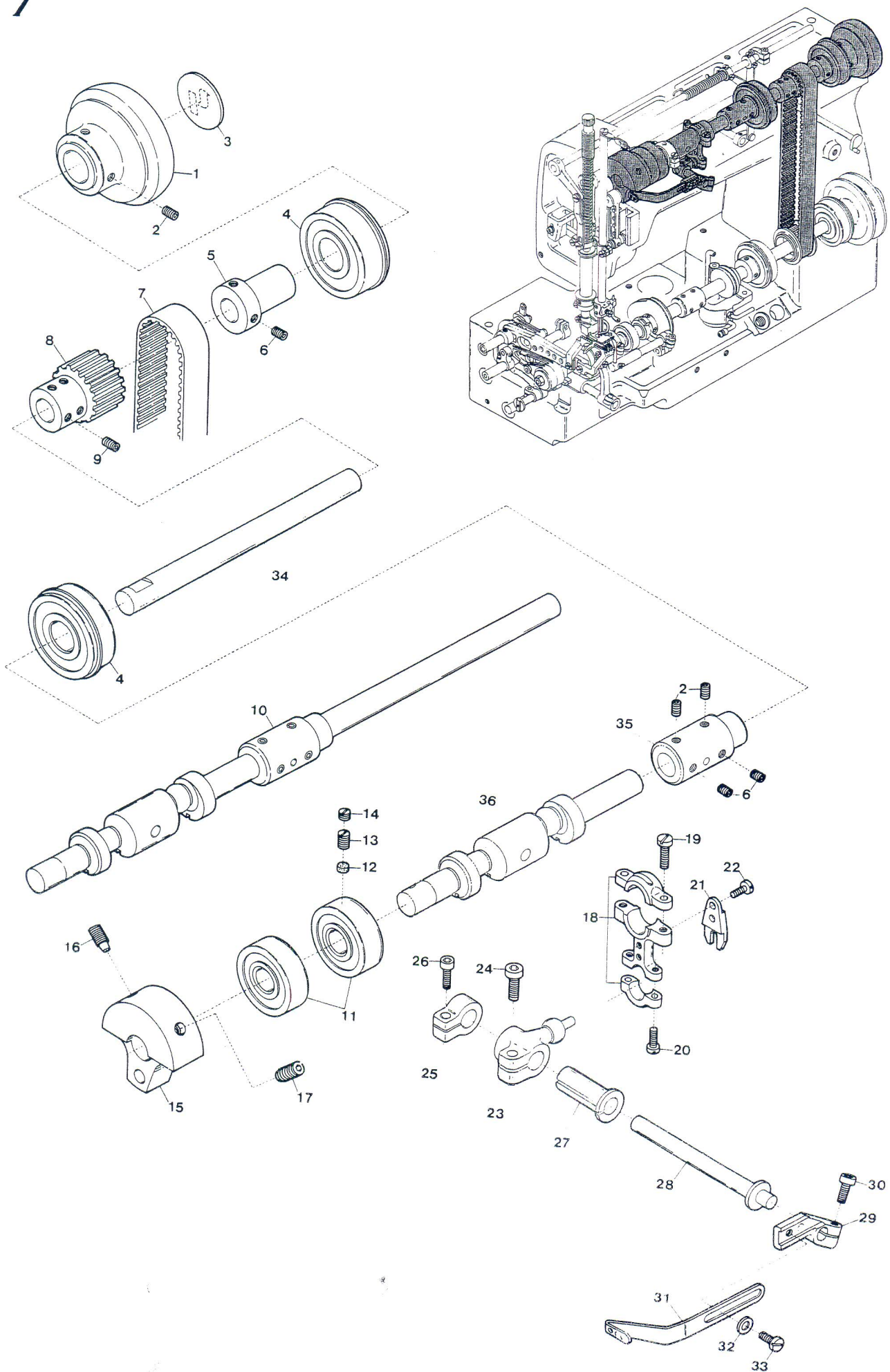
| Ref.<br>No. | Parts<br>No. | Description                                   | 品 名            | Amt.<br>Req. |
|-------------|--------------|-----------------------------------------------|----------------|--------------|
| 1           | 93607        | Felt (Large)                                  | フェルト           | 1            |
| 2           | 533          | Washer for 93607                              | ワッシャー          | 2            |
| 3           | 4352         | Screw for 93607                               | フェルト止ネジ        | 2            |
| 4           | 93603        | Felt                                          | フェルト           | 1            |
| 5           | 93183        | Needle Bar Bushing Cap                        | 針棒キャップ         | 1            |
| 6           | 93181        | Needle Bar Bushing (Upper)                    | 針棒ブッシュ(上)      | 1            |
| 7           | 93182        | Needle Bar Bushing (Lower)                    | 針棒ブッシュ(下)      | 1            |
| 8           | 93219        | Presser Bar Bushing                           | 押工棒ブッシュ        | 1            |
| 9           | 3433         | Screw for 93219, 93312                        | 止ネジ            | 2            |
| 10          | 93217        | Presser Bar Oil Seal                          | 押工棒オイルシール      | 1            |
| 11          | 93454        | Top Spreader Driving Shaft Bushing (Left)     | 飾り糸ローハ軸ブッシュ(左) | 1            |
| 12          | 93453        | Top Spreader Driving Shaft Bushing (Right)    | 飾り糸ローハ軸ブッシュ(右) | 1            |
| 13          | 32684        | Oil Seal for 93453                            | 飾り糸ローハ軸オイルシール  | 1            |
| 14          | 93498        | Foot Lifter Lever Bushing                     | 膝揚ゲ軸ブッシュ       | 1            |
| 15          | 30291        | Needle Thread Take-Up Oil Seal                | 針糸繰り軸オイルシール    | 1            |
| 16          | 93201        | Needle Thread Take-Up Bushing (Front)         | 針糸繰り軸ブッシュ(前)   | 1            |
| 17          | 63263        | Needle Thread Take-Up Bushing (Rear)          | 針糸繰り軸ブッシュ(後)   | 1            |
| 18          | 93096        | Main Shaft Cap                                | 下軸キャップ         | 1            |
| 19          | 93094        | Main Shaft Oil Seal (Large)                   | 下軸オイルシール(大)    | 1            |
| 20          | 93095        | Main Shaft Oil Seal (Small)                   | 下軸オイルシール(小)    | 1            |
| 21          | 93303        | Oil Seal for 93301                            | ルーハ軸オイルシール     | 1            |
| 22          | 93301        | Looper Driving Shaft Bushing (Front)          | ルーハ軸ブッシュ(前)    | 1            |
| 23          | 93302        | Looper Driving Shaft Bushing (Rear)           | ルーハ軸ブッシュ(後)    | 1            |
| 24          | 93312        | Looper Rocker Shaft Bushing (Right)           | ルーハ前後軸ブッシュ(右)  | 1            |
| 25          | 93313        | Looper Rocker Shaft Bushing (Left)            | ルーハ前後軸ブッシュ(左)  | 1            |
| 26          | 95128        | Feed Bar Driving Shaft Bushing (Right)        | 送り軸ブッシュ(右)     | 1            |
| 27          | 95127        | Feed Bar Driving Shaft Bushing (Left)         | 送り軸ブッシュ(左)     | 1            |
| 28          | 95134        | Differential Feed Control Lever Shaft Bushing | 調節レバー軸ブッシュ     | 1            |





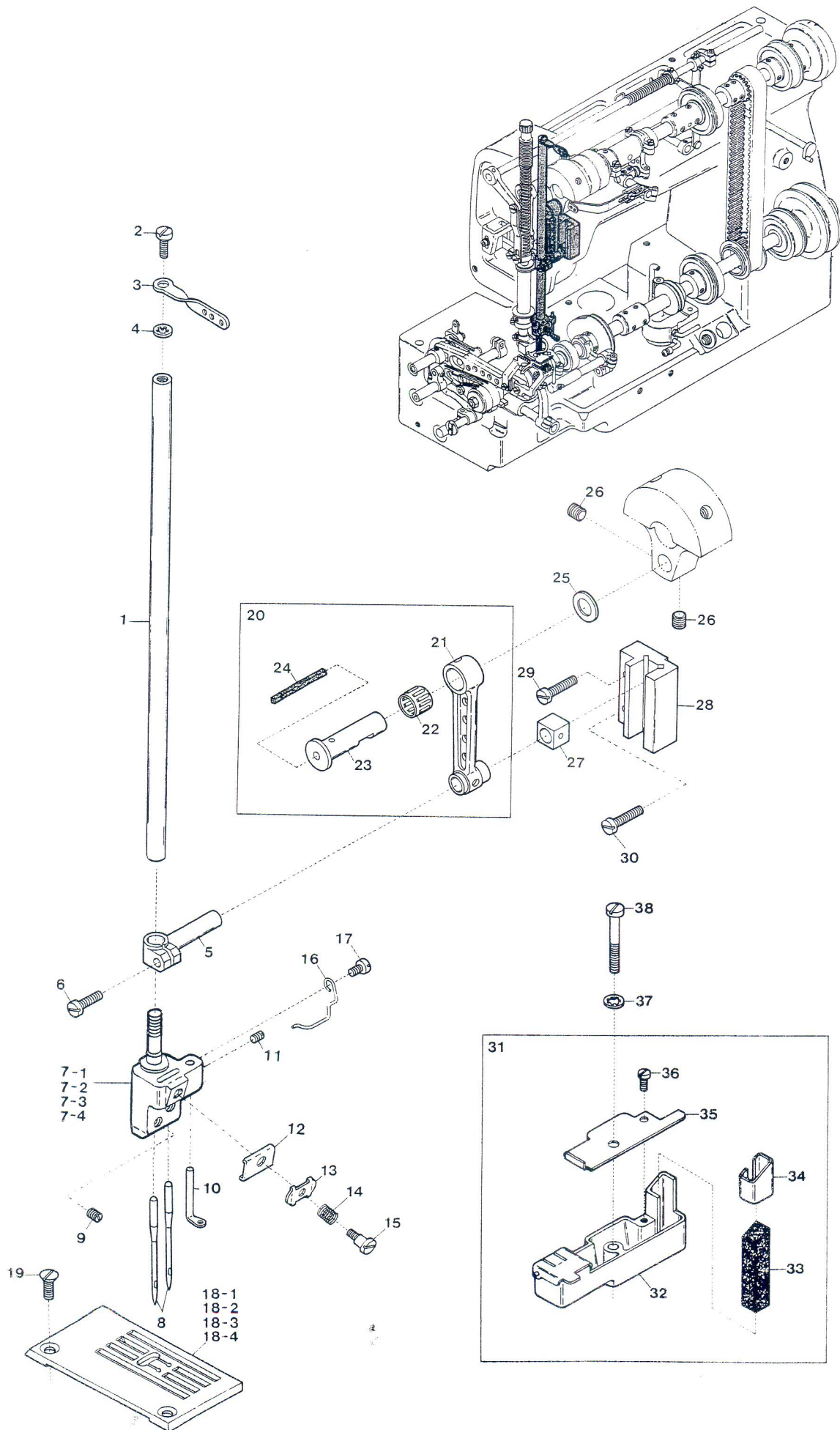
| Ref.<br>No. | Parts<br>No. | Description                                | 品 名                | Amt.<br>Req. |
|-------------|--------------|--------------------------------------------|--------------------|--------------|
| 1           | 93077        | Pulley .....                               | プーリ.....           | 1            |
| 2           | 3649         | Screw for 93077 .....                      | プーリ止ネジ.....        | 1            |
| 3           | 3646         | Screw for 93077 .....                      | プーリ止ネジ.....        | 1            |
| 4           | 93089        | Main Shaft Ball Bearing (Right).....       | 下軸ボールベアリング(右)..... | 1            |
| 5           | 95216        | Main Shaft Sprocket (Lower) .....          | ベルトプーリ(下).....     | 1            |
| 6           | 3652         | Screw for 95216, 93151, 93084 .....        | 止ネジ.....           | 4            |
| 7           | 3647         | Screw for 95216, 93151, 93084, 93315 ..... | 止ネジ.....           | 7            |
| 8           | 93090        | Main Shaft Ball Bearing (Middle).....      | 下軸ボールベアリング(中)..... | 1            |
| 9           | 93151        | Ball Bearing Holder (Short).....           | ベアリング受ケ(短).....    | 1            |
| 10          | 93573        | Oil Pump Driving Worm .....                | ウォーム.....          | 1            |
| 11          | 3433         | Screw for 93573, 94558.....                | 止ネジ.....           | 4            |
| 12          | 95551        | Main Shaft, Complete Set .....             | 下軸(組).....         | 1            |
| 13          | 93510        | Looper Thread Take-Up.....                 | 下糸調子カム.....        | 1            |
| 14          | 8047         | Screw for 93510 .....                      | 下糸調子カム止ネジ.....     | 2            |
| 15          | 94558        | Needle Guard Eccentric .....               | 針受ケエキセン.....       | 1            |
| 16          | 93196        | Needle Guard Connecting Rod .....          | 針受ケロッド.....        | 1            |
| 17          | 93091        | Main Shaft Ball Bearing (Left) .....       | 下軸ボールベアリング(左)..... | 1            |
| 18          | 93315        | Looper Rocker Eccentric.....               | ルーバ前後エキセン.....     | 1            |
| 19          | 34096        | Feed Driving Eccentric Key .....           | 送りエキセンキー.....      | 1            |
| 20          | 93092        | Main Shaft Needle Bearing .....            | 下軸ニードルベアリング.....   | 1            |
| 21          | 93197        | Needle Guard Driving Shaft Arm .....       | 針受ケ軸腕.....         | 1            |
| 22          | 5550         | Screw for 93197 .....                      | 針受ケ軸腕止ネジ.....      | 1            |
| 23          | 32799        | Needle Guard Connecting Rod Pin .....      | 針受ケロッドピン.....      | 1            |
| 24          | 278          | Oil Wick for 32799 .....                   | 油芯.....            | 1            |
| 25          | 3313         | Screw for 32799 .....                      | 針受ケロッドピン止ネジ.....   | 1            |
| 26          | 93194        | Needle Guard Bracket .....                 | 針受ケブラケット.....      | 1            |
| 27          | 4437         | Screw for 93194 .....                      | 針受ケブラケット止ネジ.....   | 2            |
| 28          | 703          | Needle Guard Bracket Pin .....             | 針受ケブラケットピン.....    | 2            |
| 29          | 93193        | Needle Guard Driving Shaft .....           | 針受ケ軸.....          | 1            |
| 30          | 93669        | Needle Guard .....                         | 針受ケ.....           | 1            |
| 31          | 1208         | Screw for 93669 .....                      | 針受ケ止ネジ.....        | 1            |
| 32          | 93511        | Cast-Off Supporting Plate .....            | カム糸道取付板.....       | 1            |
| 33          | 1175         | Screw for 93511, 93021 .....               | 止ネジ.....           | 5            |
| 34          | 93557        | Looper Thread Eyelet (Right) .....         | ルーバ糸道(右).....      | 1            |
| 35          | 533          | Washer for 93557, 93512 .....              | ワッシャ.....          | 2            |
| 36          | 7605         | Screw for 93512, 93540 .....               | 止ネジ.....           | 2            |
| 37          | 93513        | Cast-Off Wire .....                        | ルーバ糸案内(下).....     | 1            |
| 38          | 532          | Screw for 93513 .....                      | ワッシャ.....          | 1            |
| 39          | 5531         | Screw for 93513 .....                      | ルーバ糸案内(下)止ネジ.....  | 1            |
| 40          | 93515        | Looper Thread Take-Up Eyelet .....         | 調子カム糸道.....        | 2            |
| 41          | 14           | Washer for 93515 .....                     | ワッシャ.....          | 2            |
| 42          | 5036         | Screw for 93515 .....                      | 調子カム糸道止ネジ.....     | 2            |
| 43          | 37108        | Supplementary Tension Disc .....           | 小調子皿.....          | 2            |
| 44          | 93514        | Supplementary Tension Spring .....         | ルーバ糸小調子バネ.....     | 1            |
| 45          | 1092         | Screw for 37108 .....                      | 小調子皿案内ネジ.....      | 1            |
| 46          | 93512        | Retaining Finger .....                     | ルーバ糸案内(上).....     | 1            |
| 47          | 93540        | Retaining Finger Support Bracket .....     | 糸案内台.....          | 1            |
| 48          | 93021        | Crank Chamber Cover .....                  | ベッド上蓋.....         | 1            |
| 49          | 93022        | Crank Chamber Cover Gasket .....           | ベッド上蓋パッキン.....     | 1            |
| 50          | 60170        | Looper Thread Eyelet (Left).....           | ルーバ糸道(左).....      | 1            |
| 51          | 7621         | Screw for 60170.....                       | ルーバ糸道(左)止ネジ.....   | 1            |
| 52          | 93082        | Crank Shaft (Right) .....                  | 下シャフト.....         | 1            |
| 53          | 93084        | Crank Shaft Joint .....                    | 継手.....            | 1            |
| 54          | 95211        | Crank Shaft (Left) .....                   | クランクシャフト.....      | 1            |





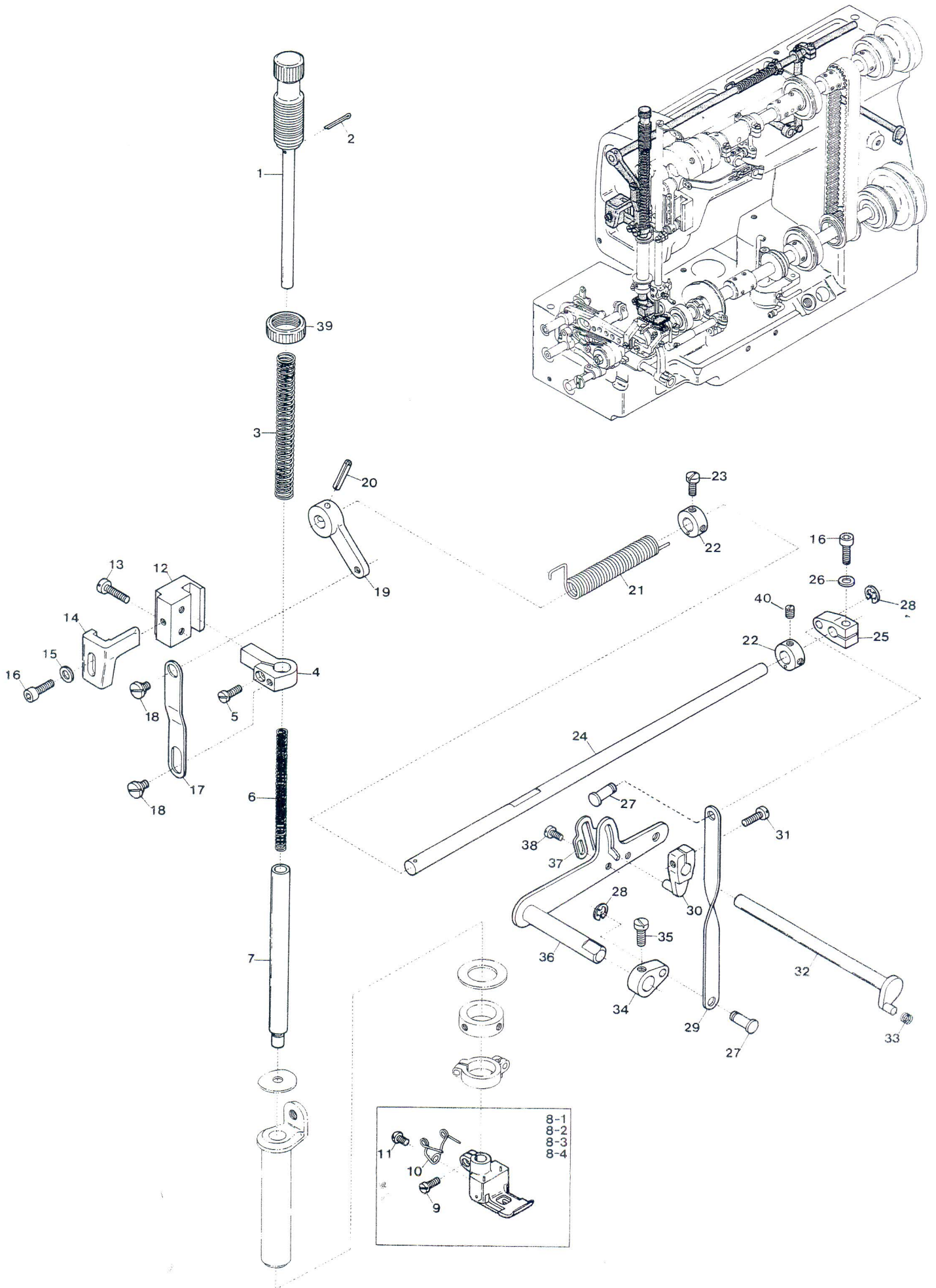


| Ref.<br>No. | Parts<br>No. | Description                                      | 品 名                | Amt.<br>Req. |
|-------------|--------------|--------------------------------------------------|--------------------|--------------|
| 1           | 93140        | Handwheel .....                                  | ハンドホイール.....       | 1            |
| 2           | 3646         | Screw for 93140, 93144 .....                     | 止ネジ.....           | 4            |
| 3           | 989          | Handwheel Mark .....                             | ハンドホイールマーク.....    | 1            |
| 4           | 93090        | Upper Shaft Ball Bearing (Right) .....           | 上軸ボールベアリング(右)..... | 2            |
| 5           | 93139        | Handwheel Adapter .....                          | ハンドホイールアダプタ.....   | 1            |
| 6           | 3647         | Screw for 93139, 93144 .....                     | 止ネジ.....           | 4            |
| 7           | 95214        | Upper Shaft Driving Belt .....                   | ベルト.....           | 1            |
| 8           | 95212        | Upper Shaft Driving Sprocket .....               | ベルトプーリ(上).....     | 1            |
| 9           | 3635         | Screw for 95212 .....                            | ベルトプーリ(上)止ネジ.....  | 4            |
| 10          | 95550        | Upper Shaft, Complete Set .....                  | 上軸(組).....         | 1            |
| 11          | 93154        | Upper Shaft Ball Bearing (Left) .....            | 上軸ボールベアリング(左)..... | 2            |
| 12          | 926          | Rubber Seat for 93154 .....                      | ゴム座.....           | 1            |
| 13          | 2022         | Main Screw for 93154 .....                       | ボールベアリング止ネジ.....   | 1            |
| 14          | 7645         | Sub-Screw for 93154 .....                        | ボールベアリング補助止ネジ..... | 1            |
| 15          | 93215        | Upper Shaft Counterweight .....                  | バランスウエイト.....      | 1            |
| 16          | 3792         | Screw for 93215 .....                            | バランスウエイト止ネジ.....   | 1            |
| 17          | 3793         | Screw for 93215 .....                            | バランスウエイト止ネジ.....   | 1            |
| 18          | 95170        | Needle Thread Take-Up Connecting Rod .....       | 針糸繰りロッド.....       | 1            |
| 19          | 5071         | Screw for 95170 .....                            | 針糸繰りロッド止ネジ.....    | 2            |
| 20          | 1174         | Screw for 95170 .....                            | 針糸繰りロッド止ネジ.....    | 2            |
| 21          | 95168        | Ball Joint Guide Fork .....                      | 振レ止メ.....          | 1            |
| 22          | 4312         | Screw for 95168 .....                            | 振レ止メ止ネジ.....       | 2            |
| 23          | 95435        | Needle Thread Take-Up Driving Lever .....        | 針糸繰り腕.....         | 1            |
| 24          | 5520         | Screw for 95435 .....                            | 針糸繰り腕止ネジ.....      | 1            |
| 25          | 32792        | Needle Thread Take-Up Driving Shaft Coller ..... | 針糸繰り軸カラー.....      | 1            |
| 26          | 5550         | Screw for 32792 .....                            | 針糸繰り軸カラー止ネジ.....   | 1            |
| 27          | 95436        | Needle Thread Take-Up Driving Shaft Sleeve ..... | 針糸繰り軸スリーブ.....     | 1            |
| 28          | 94540        | Needle Thread Take-Up Driving Shaft .....        | 針糸繰り軸.....         | 1            |
| 29          | 93192        | Needle Thread Take-Up Bracket .....              | 針糸繰り台.....         | 1            |
| 30          | 5550         | Screw for 93192 .....                            | 針糸繰り台止ネジ.....      | 1            |
| 31          | 94822        | Needle Thread Take-Up .....                      | 針糸繰り糸道.....        | 1            |
| 32          | 532          | Washer for 94822 .....                           | ワッシャ.....          | 2            |
| 33          | 1202         | Screw for 94822 .....                            | 針糸繰り糸道止ネジ.....     | 2            |
| 34          | 93143        | Upper Shaft (Right) .....                        | 上軸(右).....         | 1            |
| 35          | 93144        | Upper Shaft Joint .....                          | 継手.....            | 1            |
| 36          | 93400        | Upper Shaft (Left) .....                         | 上軸 クランク .....      | 1            |





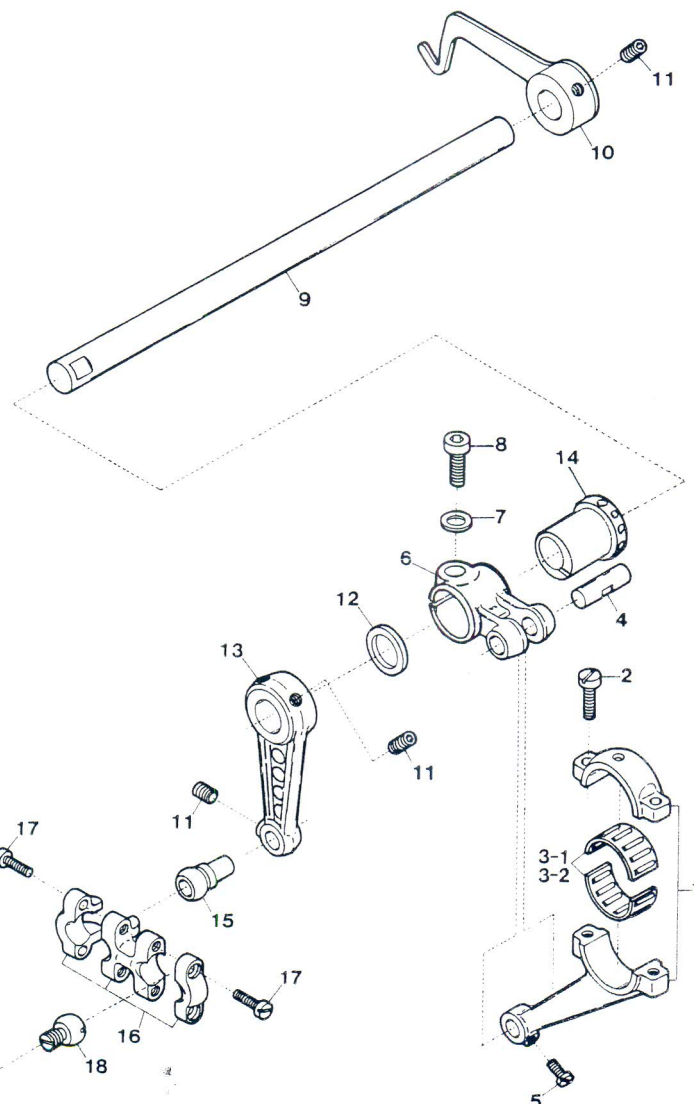
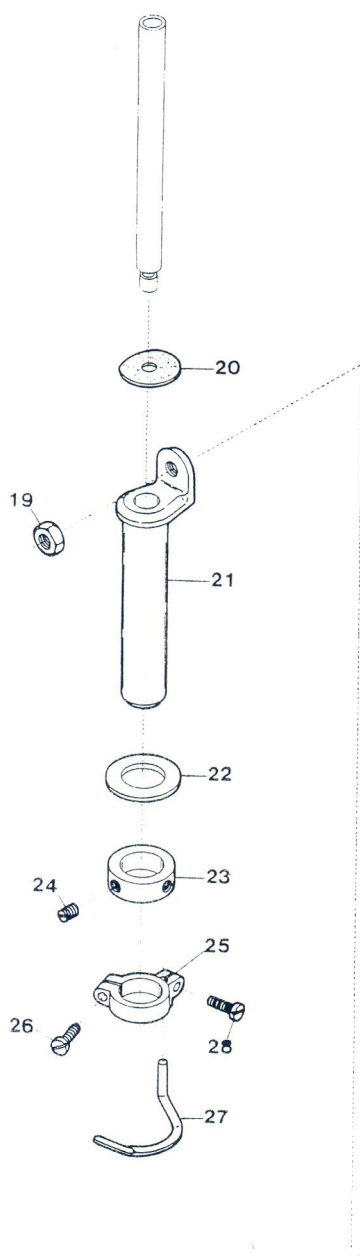
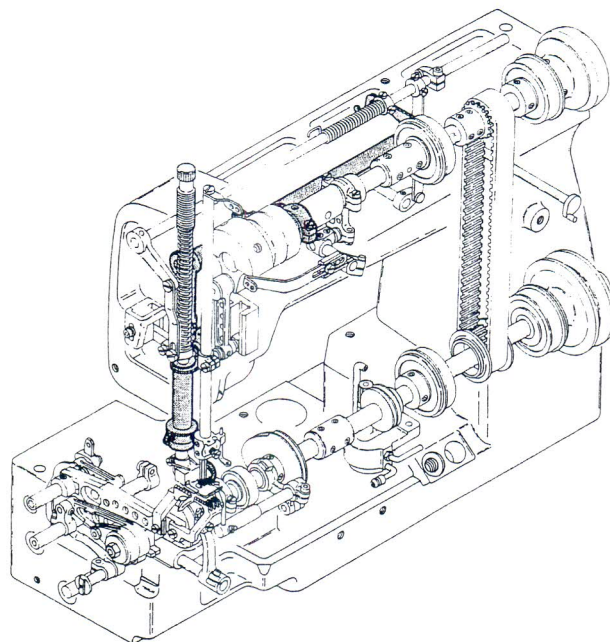
| Ref.<br>No. | Parts<br>No. | Description                                      | 品 名                 | Amt.<br>Req. |
|-------------|--------------|--------------------------------------------------|---------------------|--------------|
| 1           | 93250        | Needle Bar .....                                 | 針棒.....             | 1            |
| 2           | 4358         | Screw for 94820 .....                            | 針棒糸道止ネジ.....        | 1            |
| 3           | 94820        | Needle Bar Thread Eyelet .....                   | 針棒糸道.....           | 1            |
| 4           | 548          | Washer for 94820 .....                           | ワッシャ.....           | 1            |
| 5           | 93184        | Needle Bar Connecting Bracket .....              | 針棒抱キ.....           | 1            |
| 6           | 2043         | Screw for 93184 .....                            | 針棒抱キ止ネジ.....        | 1            |
| 7-1         | 93251        | Needle Clamp (A) .....                           | 針止メ (A).....        | 1            |
| 7-2         | 93252        | " " (B) .....                                    | " (B).....          | 1            |
| 7-3         | 93253        | " " (C) .....                                    | " (C).....          | 1            |
| 7-4         | 93255        | " " (E) .....                                    | " (E).....          | 1            |
| 8           | —            | Needle (UY 128 GAS) .....                        | 針.....              | 2            |
| 9           | 1892         | Screw for Needle .....                           | 針止ネジ.....           | 2            |
| 10          | 90828        | Ornamental Thread Eyelet .....                   | 飾り糸道.....           | 1            |
| 11          | 1892         | Screw for 90828 .....                            | 飾り糸道止ネジ.....        | 1            |
| 12          | 93259        | Needle Bar Thread Retainer Plate Supporter ..... | 小調子板.....           | 1            |
| 13          | 32425        | Needle Bar Thread Retainer Plate .....           | 針棒小調子皿.....         | 1            |
| 14          | 90846        | Needle Bar Thread Retainer Spring .....          | 針棒小調子バネ.....        | 1            |
| 15          | 1092         | Screw for 90846 .....                            | 針棒調子皿案内ネジ.....      | 1            |
| 16          | 93260        | Needle Clamp Thread Guard .....                  | 針止メ糸掛ケ.....         | 1            |
| 17          | 1228         | Screw for 93260 .....                            | 針止メ糸掛ケ止ネジ.....      | 1            |
| 18-1        | 93170        | Stitch Plate (A) .....                           | 針板 (A).....         | 1            |
| 18-2        | 93171        | " " (B) .....                                    | " (B).....          | 1            |
| 18-3        | 93172        | " " (C) .....                                    | " (C).....          | 1            |
| 18-4        | 93174        | " " (E) .....                                    | " (E).....          | 1            |
| 19          | 9142         | Screw for Stitch Plate .....                     | 針板止ネジ.....          | 2            |
| 20          | 93210        | Needle Bar Connecting Rod, Complete Set .....    | 針棒ロッド (組).....      | 1            |
| 21          | 93211        | Needle Bar Connecting Rod .....                  | 針棒ロッド.....          | 1            |
| 22          | 93212        | Needle Bar Connecting Rod Roller Bearing .....   | 針棒ニードルベアリング.....    | 1            |
| 23          | 93213        | Needle Bar Connecting Rod Pin .....              | 針棒ロッドピン.....        | 1            |
| 24          | 321          | Oil Wick for 93213 .....                         | 油芯.....             | 1            |
| 25          | 93214        | Needle Bar Connecting Rod Ring .....             | 針棒ロッドリング.....       | 1            |
| 26          | 3647         | Screw for 93213 .....                            | 針棒ロッドピン止ネジ.....     | 2            |
| 27          | 93186        | Needle Bar Slide Block .....                     | 針棒案内駒.....          | 1            |
| 28          | 93179        | Needle Bar Guide .....                           | 針棒案内.....           | 1            |
| 29          | 9106         | Screw for 93179 .....                            | 針棒案内止ネジ.....        | 2            |
| 30          |              |                                                  |                     |              |
| 31          | 93670        | HR Unit, Complete Set .....                      | H R 装置 (組).....     | 1            |
| 32          | 93671        | HR Cup, Complete Set .....                       | H R カップ (組).....    | 1            |
| 33          | 93674        | HR Felt .....                                    | H R フェルト.....       | 1            |
| 34          | 93663        | Felt Guard .....                                 | フェルトガード.....        | 1            |
| 35          | 93672        | Lid for HR Cup .....                             | H R カップ蓋.....       | 1            |
| 36          | 1222         | Screw for 93672 .....                            | H R カップ蓋止ネジ.....    | 1            |
| 37          | 552          | Washer for 93670 .....                           | ワッシャ.....           | 1            |
| 38          | 5121         | Screw for 93670 .....                            | H R 装置 (組) 止ネジ..... | 1            |



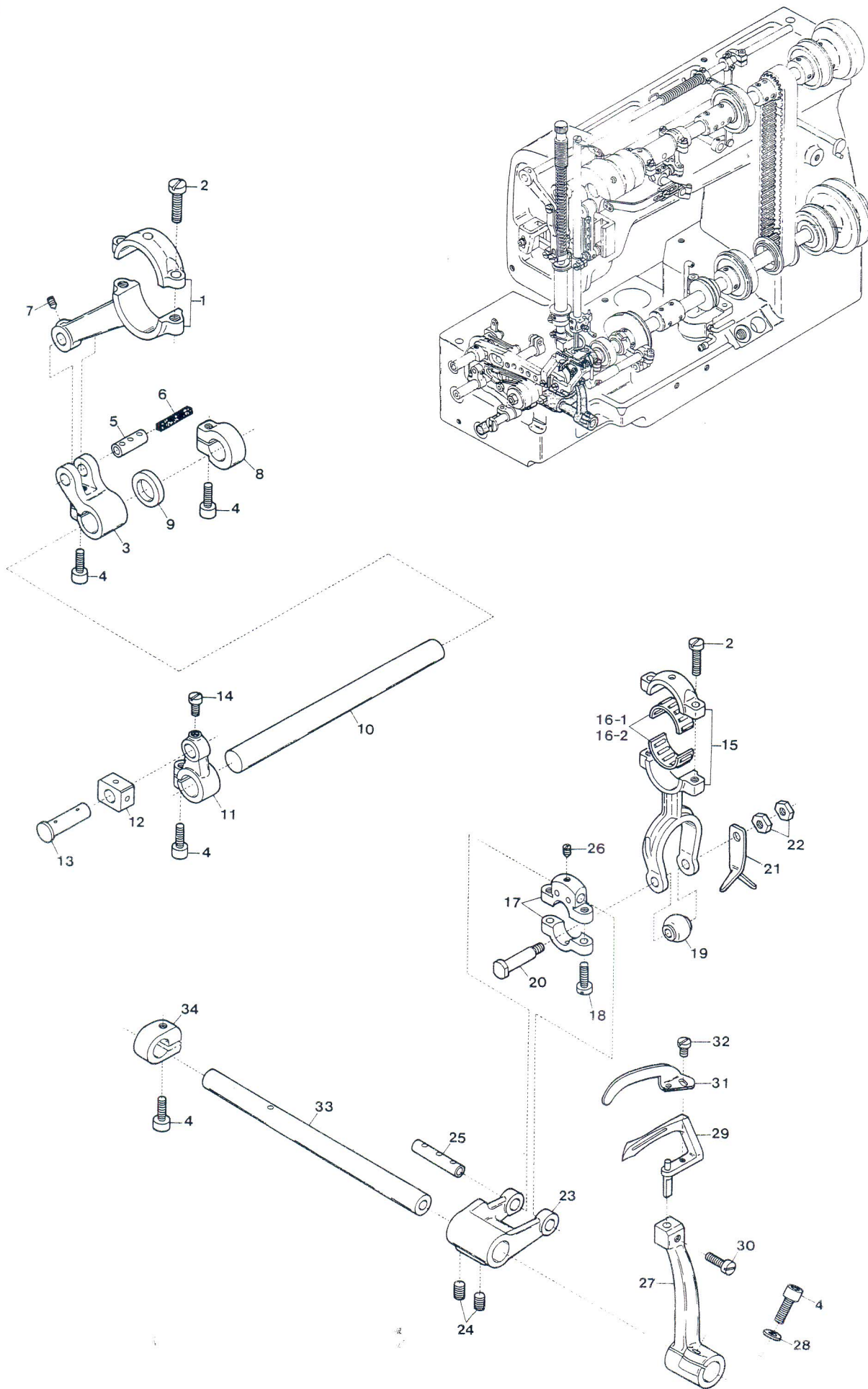


| Ref.<br>No. | Parts<br>No. | Description                                | 品 名            | Amt.<br>Req. |
|-------------|--------------|--------------------------------------------|----------------|--------------|
| 1           | 93500        | Presser Spring Regulator                   | 押工バネ押シ棒        | 1            |
| 2           | 90620        | Cotter Pin                                 | 割ヒン            | 1            |
| 3           | 93484        | Presser Bar Spring (Outer)                 | 押工バネ(太)        | 1            |
| 4           | 93482        | Presser Bar Connecting Bracket             | 押工棒抱キ          | 1            |
| 5           | 4440         | Screw for 93482                            | 押工棒抱キ止ネジ       | 1            |
| 6           | 93485        | Presser Bar Spring (Inner)                 | 押工バネ(細)        | 1            |
| 7           | 93480        | Presser Bar                                | 押工棒            | 1            |
| 8-1         | 91131        | Presser Foot (A), Complete Set             | 押工(組)(A)       | 1            |
| 8-2         | 91132        | " " (B) " "                                | " " (B)        | 1            |
| 8-3         | 91133        | " " (C) " "                                | " " (C)        | 1            |
| 8-4         | 91135        | " " (E) " "                                | " " (E)        | 1            |
| 9           | 1186         | Screw for Presser Foot                     | 押工止ネジ          | 1            |
| 10          | 90723        | Presser Foot Spring                        | 小押工バネ          | 1            |
| 11          | 5133         | Screw for 90723                            | 小押工バネ止ネジ       | 1            |
| 12          | 93483        | Presser Bar Guide                          | 押工棒案内          | 1            |
| 13          | 4441         | Screw for 93483                            | 押工棒案内止ネジ       | 2            |
| 14          | 93495        | Presser Bar Stopper                        | 押工ストッパ         | 1            |
| 15          | 554          | Washer for 93495                           | ワッシャ           | 1            |
| 16          | 5550         | Screw for 93495, 93506                     | 止ネジ            | 2            |
| 17          | 93487        | Presser Foot Lifter Link                   | 押工釣り           | 1            |
| 18          | 6038         | Screw for 93487                            | 押工釣り止ネジ        | 2            |
| 19          | 93488        | Presser Foot Lifter Link Lever             | 押工揚げレバー(大)     | 1            |
| 20          | 690          | Fastener Pin for 93488                     | 押工揚げレバー(大)止メヒン | 1            |
| 21          | 93490        | Presser Foot Lifter Spring                 | 押工揚げバネ         | 1            |
| 22          | 93491        | Presser Foot Lifter Shaft Collar           | 押工揚げバネカラー      | 2            |
| 23          | 9604         | Screw for 93491                            | 押工揚げバネカラー止ネジ   | 2            |
| 24          | 93479        | Presser Foot Lifter Shaft                  | 押工揚げ軸          | 1            |
| 25          | 93506        | Presser Foot Lifter Lever                  | 押工揚げレバー(小)     | 1            |
| 26          | 530          | Washer for 93506                           | ワッシャ           | 1            |
| 27          | 93509        | Pin for 93507                              | 押工揚げ連結桿継手      | 2            |
| 28          | 77179        | Retaining Ring for 93507                   | ストッフリグ         | 2            |
| 29          | 93507        | Presser Foot Lifter Lever Connecting Plate | 押工揚げ連結桿        | 1            |
| 30          | 90801        | Thread Tension Release Lever               | 糸緩メ腕           | 1            |
| 31          | 1156         | Screw for 90801                            | 糸緩メ腕止ネジ        | 1            |
| 32          | 93545        | Thread Tension Release Shaft               | 糸緩メ軸           | 1            |
| 33          | 90824        | Swingproof Spring                          | 糸緩メ板防振バネ       | 1            |
| 34          | 93508        | Presser Foot Lifter Lever (Inner)          | 膝揚げレバー         | 1            |
| 35          | 4591         | Screw for 93508                            | 膝揚げレバー止ネジ      | 1            |
| 36          | 93496        | Presser Foot Lifter Lever                  | 膝揚げ            | 1            |
| 37          | 93499        | Presser Foot Lifter Lever Stopper          | 膝揚げストッパ        | 1            |
| 38          | 4358         | Screw for 93499                            | 膝揚げストッパ止ネジ     | 2            |
| 39          | 445          | Lock Nut for 93500                         | ロックナット         | 1            |
| 40          | 3433         | Screw for 93491                            | 押工揚げバネカラー止ネジ   | 2            |



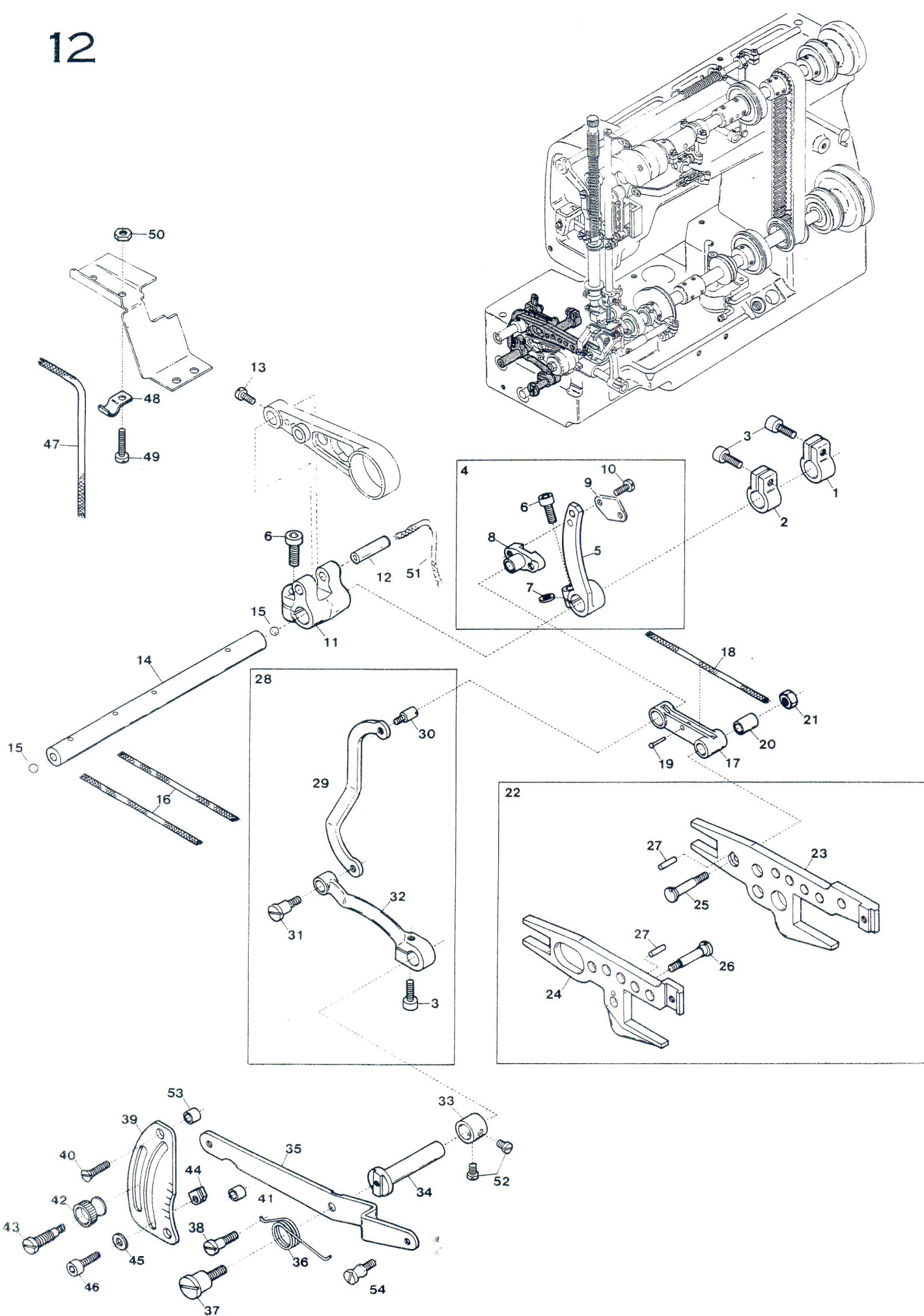


| Ref.<br>No. | Parts.<br>No. | Description                                        | 品 名                  | Amt.<br>Req. |
|-------------|---------------|----------------------------------------------------|----------------------|--------------|
| 1           | 93450         | Top Spreader Connecting Rod .....                  | 飾り糸ルーパロッド.....       | 1            |
| 2           | 5070          | Screw for 93450 .....                              | 飾り糸ルーパロッド止ネジ.....    | 2            |
| 3-1         | 34405         | Connecting Rod Roller Bearing (Standard) .....     | ニードルベアリング(標準).....   | 1            |
| 3-2         | 32819         | " " " " (for Exchange) .....                       | " (交換用).....         | 1            |
| 4           | 32921         | Top Spreader Connecting Rod Pin .....              | 飾り糸ルーパロッドピン.....     | 1            |
| 5           | 9508          | Screw for 32921 .....                              | 飾り糸ルーパロッドピン止ネジ.....  | 1            |
| 6           | 93470         | Top Spreader Driving Shaft Lever .....             | 飾り糸ルーパ軸腕.....        | 1            |
| 7           | 520           | Washer for 93470 .....                             | ワッシャ.....            | 1            |
| 8           | 5520          | Screw for 93470 .....                              | 飾り糸ルーパ軸腕止ネジ.....     | 1            |
| 9           | 93452         | Top Spreader Driving Shaft .....                   | 飾り糸ルーパ軸.....         | 1            |
| 10          | 93463         | Ornamental Thread Take-Up .....                    | 飾り糸繰リ.....           | 1            |
| 11          | 3647          | Screw for 93463, 93457, 93455 .....                | 止ネジ.....             | 4            |
| 12          | 93472         | Top Spreader Driving Shaft Ring .....              | 飾り糸ルーパ軸リング.....      | 1            |
| 13          | 93455         | Top Spreader Rocker Arm .....                      | 飾り糸ルーパ振り腕.....       | 1            |
| 14          | 93471         | Top Spreader Eccentric .....                       | 飾り糸ルーパエキセン.....      | 1            |
| 15          | 93457         | Ball Stud (without Screw) .....                    | 小球(ネジナシ).....        | 1            |
| 16          | 93456         | Top Spreader Connecting Rod .....                  | 横ロッド.....            | 1            |
| 17          | 1174          | Screw for 93456 .....                              | 横ロッド止ネジ.....         | 4            |
| 18          | 90418         | Ball Stud (with Screw) .....                       | 小球(ネジ付き).....        | 1            |
| 19          | 419           | Nut for 90418 .....                                | ナット.....             | 1            |
| 20          | 93611         | Oil Protector Ring .....                           | 油切りリング.....          | 1            |
| 21          | 93458         | Top Spreader Rocker & Presser Bushing .....        | ルーパ振りブッシュ.....       | 1            |
| 22          | 93218         | Top Spreader Rocker & Presser Bushing Ring .....   | ルーパ振りブッシュリング.....    | 1            |
| 23          | 93459         | Top Shreader Rocker & Presser Bushing Collar ..... | ルーパ振りブッシュカラー.....    | 1            |
| 24          | 3433          | Screw for 93459 .....                              | ルーパ振りブッシュカラー止ネジ..... | 2            |
| 25          | 93461         | Top Spreader Holder .....                          | 飾り糸ルーパ台.....         | 1            |
| 26          | 7609          | Screw for 93461 .....                              | 飾り糸ルーパ台止ネジ.....      | 1            |
| 27          | 90425         | Top Spreader .....                                 | 飾り糸ルーパ.....          | 1            |
| 28          | 1175          | Screw for 90425 .....                              | 飾り糸ルーパ止ネジ.....       | 1            |





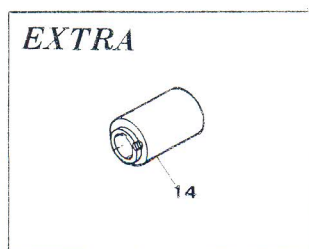
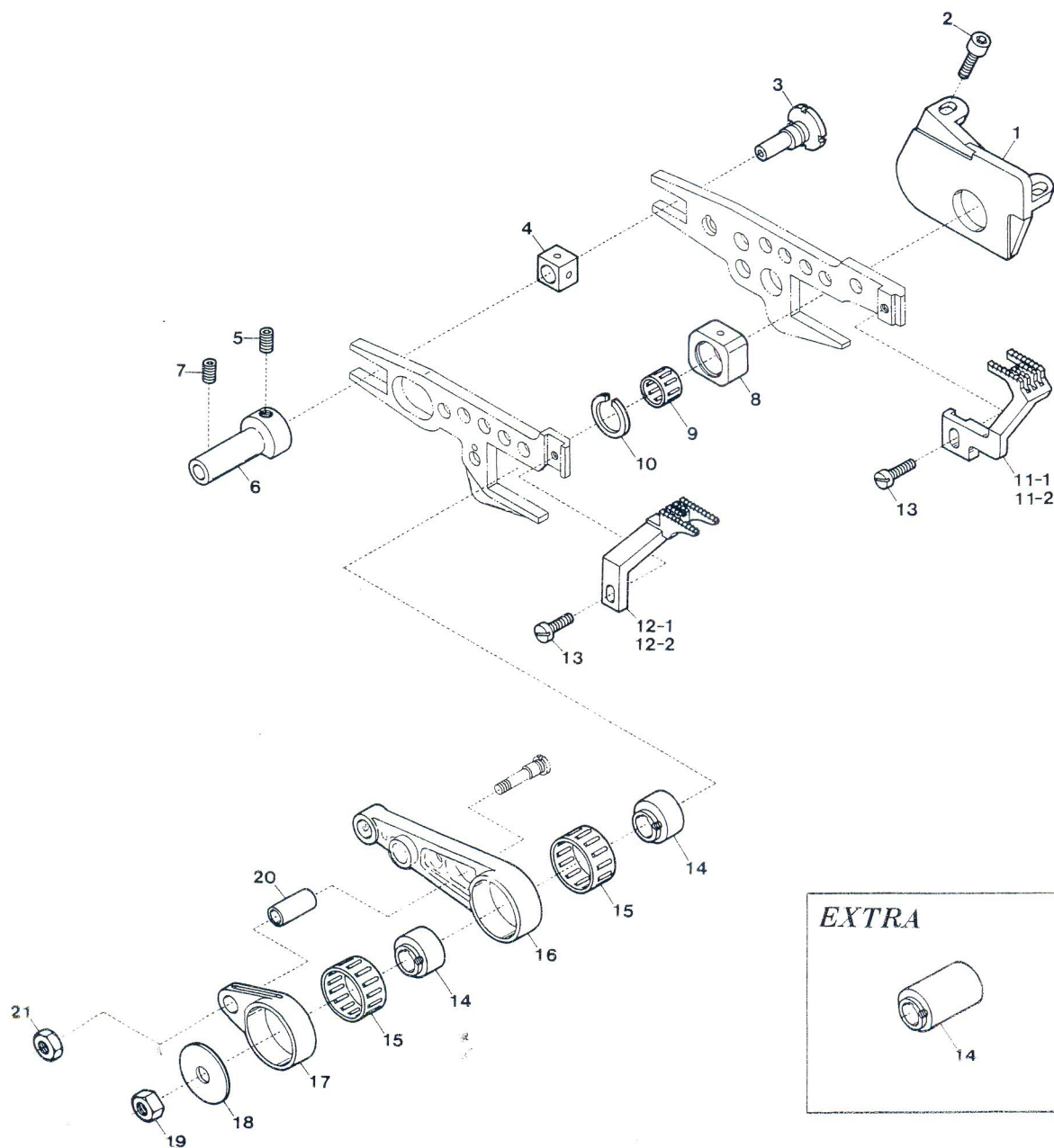
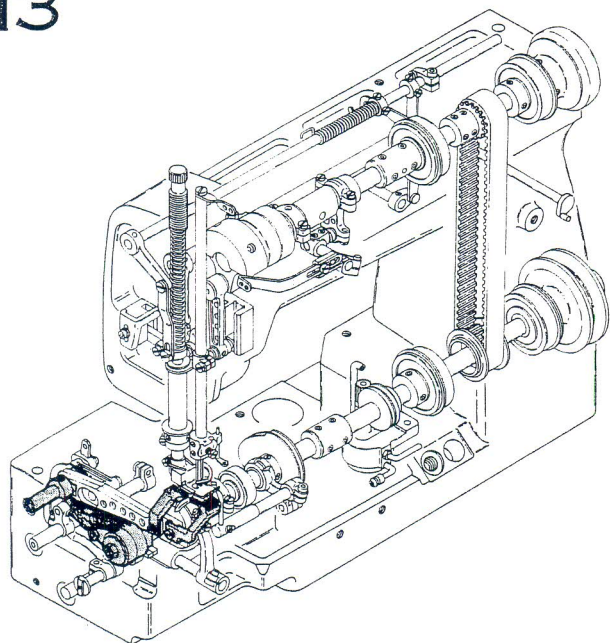
| Ref.<br>No. | Parts<br>No. | Description                                  | 品 名            | Amt.<br>Req. |
|-------------|--------------|----------------------------------------------|----------------|--------------|
| 1           | 95173        | Looper Rocker Connecting Rod                 | ルーパ前後ロッド       | 1            |
| 2           | 5070         | Screw for 95173, 93299                       | ロッド止ネジ         | 4            |
| 3           | 93317        | Looper Rocker Lever                          | ルーパ前後腕         | 1            |
| 4           | 5550         | Screw for 93317, 93323, 93318, 93657, 95178  | 止ネジ            | 5            |
| 5           | 32799        | Looper Rocker Connecting Rod Pin             | ルーパ前後ロッドピン     | 1            |
| 6           | 278          | Oil Wick for 32799                           | 油芯             | 1            |
| 7           | 9322         | Screw for 32799                              | ルーパ前後ロッドピン止ネジ  | 1            |
| 8           | 93323        | Looper Rocker Shaft Collar                   | ルーパ前後軸カラー      | 1            |
| 9           | 93322        | Looper Rocker Lever Ring                     | ルーパ前後腕リング      | 1            |
| 10          | 93314        | Looper Rocker Shaft                          | ルーパ前後軸         | 1            |
| 11          | 93318        | Looper Rocker Arm                            | ルーパ前後振り腕       | 1            |
| 12          | 93319        | Looper Slide Block                           | ルーパ前後駒         | 1            |
| 13          | 33074        | Looper Slide Block Pin                       | ルーパ前後駒ピン       | 1            |
| 14          | 9604         | Screw for 33074                              | ルーパ前後駒ピン止ネジ    | 1            |
| 15          | 93299        | Looper Driving Lever Connecting Rod          | ルーパロッド         | 1            |
| 16-1        | 34405        | Connecting Rod Roller Bearing (Standard)     | ニードルベアリング(標準)  | 1            |
| 16-2        | 32819        | Connecting Rod Roller Bearing (for Exchange) | ニードルベアリング(交換用) | 1            |
| 17          | 34100        | Looper Driving Lever Link                    | ルーパリンク         | 1            |
| 18          | 2043         | Screw for 34100                              | ルーパリンク止ネジ      | 2            |
| 19          | 34102        | Ball Stud                                    | 球              | 1            |
| 20          | 95142        | Ball Stud Pin                                | 球固定ピン          | 1            |
| 21          | 95164        | Oil Splasher                                 | 油カケ            | 1            |
| 22          | 340          | Nut for 34102                                | 球固定ナット         | 2            |
| 23          | 93304        | Looper Driving Lever                         | ルーパ軸腕          | 1            |
| 24          | 3646         | Screw for 93304                              | ルーパ軸腕止ネジ       | 2            |
| 25          | 32786        | Looper Driving Lever Link Pin                | ルーパリンクピン       | 1            |
| 26          | 3404         | Screw for 32786                              | ルーパリンク止ネジ      | 1            |
| 27          | 93657        | Looper Holder                                | ルーパ台           | 1            |
| 28          | 712          | Washer for 93657                             | ルーパ台ワッシャ       | 1            |
| 29          | 94480        | Looper                                       | ルーパ            | 1            |
| 30          | 9508         | Screw for 94480                              | ルーパ止ネジ         | 1            |
| 31          | 93330        | Looper Thread Guard                          | 糸受ケ            | 1            |
| 32          | 1228         | Screw for 93330                              | 糸受ケネジ          | 1            |
| 33          | 93300        | Looper Driving Shaft                         | ルーパ軸           | 1            |
| 34          | 95178        | Looper Driving Shaft Collar                  | ルーパ軸カラー        | 1            |





| Ref.<br>No. | Parts<br>No. | Description                                               | 品 名             | Amt.<br>Req. |
|-------------|--------------|-----------------------------------------------------------|-----------------|--------------|
| 1           | 93323        | Feed Bar Driving Shaft Collar (Right)                     | 送り軸カラー(右)       | 1            |
| 2           | 33104        | Feed Bar Driving Shaft Collar (Left)                      | 送り軸カラー(左)       | 1            |
| 3           | 5550         | Screw for 93323, 33104, 33120                             | 止ネジ             | 3            |
| 4           | 95201        | Differential Feed Rocker, Complete Set                    | 前送り調節器(組)       | 1            |
| 5           | 95204        | Differential Feed Rocker                                  | 前送り調節器          | 1            |
| 6           | 5520         | Screw for 95204, 95162                                    | 止ネジ             | 2            |
| 7           | 567          | Packing Ring for 95204                                    | パッキン            | 1            |
| 8           | 95202        | Differential Feed Regulating Slide Pin                    | スライダ            | 1            |
| 9           | 95203        | Differential Feed Regulating Slide Pin Cap                | スライダキャップ        | 1            |
| 10          | 9624         | Screw for 95203                                           | スライダキャップ止ネジ     | 2            |
| 11          | 95162        | Differential Feed Bar Driving Lever                       | 前送りレバー          | 1            |
| 12          | 95160        | Differential Feed Bar Driving Lever Pin                   | 前送りレバーピン        | 1            |
| 13          | 7006         | Screw for 95160                                           | 前送りレバーピン止ネジ     | 1            |
| 14          | 95126        | Feed Bar Driving Shaft                                    | 送り軸             | 1            |
| 15          | 636          | Seal Plug for 95126                                       | 詰栓              | 2            |
| 16          | 403          | Oil Wick for 95126                                        | 油芯              | 2            |
| 17          | 95124        | Differential Feed Bar Driving Connection                  | 前送りリンク          | 1            |
| 18          | 402          | Oil Wick for 95124                                        | 油芯              | 1            |
| 19          | 755          | Pin for Oil Wick                                          | 油芯止メピン          | 1            |
| 20          | 33098        | Feed Bar Driving Connection Bushing                       | 送りリンクブッシュ       | 1            |
| 21          | 451          | Nut for 33099                                             | ナット             | 1            |
| 22          | 95120        | Feed Bar, Complete Set                                    | 送り台(組)          | 1            |
| 23          | 95119        | Differential Feed Bar                                     | 前送り台            | 1            |
| 24          | 93381        | Main Feed Bar                                             | 後送り台            | 1            |
| 25          | 33099        | Feed Bar Driving Stud (Short)                             | 送りリンクピン(短)      | 1            |
| 26          | 34138        | Feed Bar Driving Stud (Long)                              | 送りリンクピン(長)      | 1            |
| 27          | 687          | Pin for 33099, 34138                                      | 送りリンクピンノックピン    | 2            |
| 28          | 95135        | Differential Feed Control Link, Complete Set              | 前送り調節リンク(組)     | 1            |
| 29          | 95130        | Differential Feed Control Link                            | 前送り調節リンク        | 1            |
| 30          | 5512         | Screw for 95130                                           | 前送り調節リンク止ネジ     | 1            |
| 31          | 5510         | Screw for 33120                                           | 前送り調節中レバー止ネジ    | 1            |
| 32          | 33120        | Differential Feed Control Lever (Inner)                   | 前送り調節中レバー       | 1            |
| 33          | 30228        | Differential Feed Control Lever Shaft Collar              | 送り調節中レバー軸カラー    | 1            |
| 34          | 95131        | Differential Feed Control Lever Shaft                     | 送り調節レバー軸        | 1            |
| 35          | 95132        | Differential Feed Control Lever (Outer)                   | 前送り調節外レバー       | 1            |
| 36          | 33133        | Differential Feed Control Lever Spring                    | 調節外レバーバネ        | 1            |
| 37          | 5514         | Screw for 33133                                           | 調節外レバーバネ止ネジ     | 1            |
| 38          | 3406         | Screw for 33133                                           | 調節外レバーバネ掛ネジ     | 1            |
| 39          | 95133        | Differential Feed Graduation                              | 送り目盛板           | 1            |
| 40          | 1733         | Screw for 95133                                           | 送り目盛板止ネジ        | 2            |
| 41          | 494          | Washer for 95133                                          | ワッシャ            | 1            |
| 42          | 210          | Adjusting Nut for 95132                                   | 調節ナット           | 1            |
| 43          | 5511         | Adjusting Screw for 95132                                 | 調節ネジ            | 1            |
| 44          | 20420        | Differential Feed Control Lever Stopper                   | 調節外レバーストップパ     | 2            |
| 45          | 186          | Washer for 20420                                          | ワッシャ            | 2            |
| 46          | 5038         | Screw for 20420                                           | 調節外レバーストップパ止ネジ  | 2            |
| 47          | 401          | Oil Wick for Differential Feed Bar Driving Connecting Rod | 油芯              | 1            |
| 48          | 95149        | Oil Wick Holder                                           | 油芯受け            | 1            |
| 49          | 1175         | Screw for 95149                                           | 油芯受け止ネジ         | 1            |
| 50          | 335          | Nut for 95149                                             | ナット             | 1            |
| 51          | 407          | Oil Wick for 95160                                        | 油芯              | 1            |
| 52          | 9604         | Screw for 30228                                           | 送り調節中レバー軸カラー止ネジ | 2            |
| 53          | 505          | Washer for 95133                                          | ワッシャ            | 1            |
| 54          | 4143         | Screw for Chain                                           | 鎖掛ネジ            | 1            |

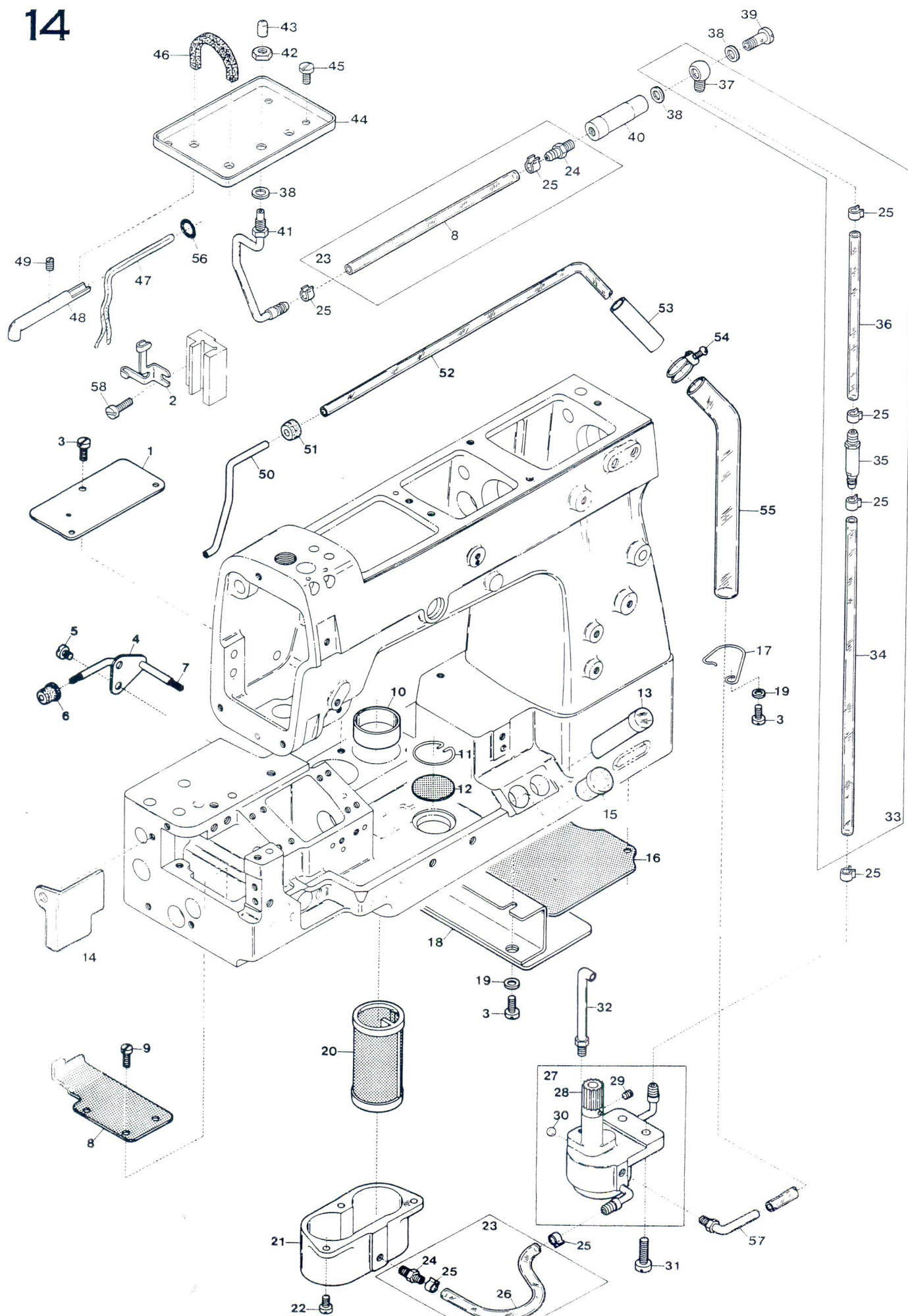




| Ref.<br>No. | Parts<br>No. | Description                                        | 品 名                 | Amt.<br>Req. |
|-------------|--------------|----------------------------------------------------|---------------------|--------------|
| 1*          | 93384        | Feed Bar Guide (Right) .....                       | 送り台ガイド(右).....      | 1            |
| 2           | 5570         | Screw for 93384 .....                              | 送り台ガイド(右)止ネジ.....   | 2            |
| 3           | 33141        | Feed Adjusting Pin .....                           | エキセンピン.....         | 1            |
| 4           | 93389        | Feed Bar Guide Block .....                         | 角駒(小).....          | 1            |
| 5           | 3635         | Screw for 33141 .....                              | エキセンピン止ネジ.....      | 1            |
| 6           | 95122        | Feed Bar Guide (Rear) .....                        | 送り台ガイド(後).....      | 1            |
| 7           | 3646         | Screw for 95122 .....                              | 送り台ガイド(後)止ネジ.....   | 1            |
| 8           | 93382        | Feed Lifter Block .....                            | 角駒(大).....          | 1            |
| 9           | 93383        | Feed Lifter Block Roller Bearing .....             | 角駒(大)ニードルベアリング..... | 1            |
| 10          | 60076        | Feed Lifter Block Out Retaining Ring .....         | 角駒(大)スペースリング.....   | 1            |
| 11-1        | 93394        | Differential Feed Dog (A~D) .....                  | 前送り(A~D).....       | 1            |
| 11-2        | 93396        | " " " (E) .....                                    | " (E).....          | 1            |
| 12-1        | 93395        | Main Feed Dog (A~D) .....                          | 後送り(A~D).....       | 1            |
| 12-2        | 93397        | " " " (E) .....                                    | " (E).....          | 1            |
| 13          | 1175         | Screw for 93394(93396), 93395(93397) .....         | 止ネジ.....            | 2            |
| 14          | —            | Feed Driving Eccentric (See the table below) ..... | 送り前後エキセン.....       | 2            |
| 15          | 34141        | Feed Driving Eccentric Roller Bearing .....        | 送りリンクニードルベアリング..... | 2            |
| 16          | 95161        | Differential Feed Bar Driving Connecting Rod ..... | 前送りロッド.....         | 1            |
| 17          | 34132        | Main Feed Bar Driving Connection .....             | 後送りリンク.....         | 1            |
| 18          | 605          | Washer for Feed Driving Eccentric .....            | エキセン止メワッシャ.....     | 1            |
| 19          | 20           | Nut for Feed Driving Eccentric .....               | エキセメ止メナット.....      | 1            |
| 20          | 34137        | Main Feed Bar Driving Connection Bushing .....     | 後送りリンクブッシュ.....     | 1            |
| 21          | 451          | Nut for 34137 .....                                | 送りリンクブッシュ止メナット..... | 1            |

Feed Driving Eccentrics Table

| PARTS No. | EXTRA<br>PARTS No. | STITCHES<br>PER INCH | PARTS No. | EXTRA<br>PARTS No. | STITCHES<br>PER INCH |
|-----------|--------------------|----------------------|-----------|--------------------|----------------------|
| 34147     | 95500              | 7                    | 34154     | 95507              | 14                   |
| 34148     | 95501              | 8                    | 34155     | 95508              | 15                   |
| 34149     | 95502              | 9                    | 34156     | 95509              | 16                   |
| 34150     | 95503              | 10                   | 34157     | 95510              | 17                   |
| 34151     | 95504              | 11                   | 34158     | 95511              | 18                   |
| 34152     | 95505              | 12                   | 34159     | 95512              | 19                   |
| 34153     | 95506              | 13                   | 34160     | 95513              | 20                   |





| Ref.<br>No. | Parts.<br>No. | Description                                  | 品 名                 | Amt.<br>Req. |
|-------------|---------------|----------------------------------------------|---------------------|--------------|
| 1           | 93571         | Oil Filter Lid .....                         | 濾過器蓋.....           | 1            |
| 2           | 63233         | Oil Wick Holder .....                        | 針棒ロッド 油芯支エ.....     | 1            |
| 3           | 4440          | Screw for 93571, 93620, 93589 .....          | 止ネジ.....            | 6            |
| 4           | 93615         | Needle Guard Connecting Rod Oil Pipe .....   | 針受ケロッド給油パイプ.....    | 1            |
| 5           | 9853          | Screw for 93615 .....                        | 針受ケロッド給油パイプ止ネジ..... | 2            |
| 6           | 93616         | Oil Nozzle Fitting Seal .....                | 給油パイプ継手.....        | 1            |
| 7           | —             | Oil Wick (Woolen) .....                      | 油芯(毛糸).....         | 1            |
| 8           | 95176         | Feed Mechanism Filter Screen .....           | 送りリンク濾過網.....       | 1            |
| 9           | 5000          | Screw for 95176 .....                        | 送りリンク濾過網止ネジ.....    | 2            |
| 10          | 95144         | Filter Clamp .....                           | 濾過器押エ.....          | 2            |
| 11          | 32932         | Oil Filter Screen Clamp .....                | 濾過網押エ.....          | 1            |
| 12          | 90951         | Oil Filter Screen .....                      | 濾過網.....            | 1            |
| 13          | 20533         | Oil Sight Gauge .....                        | オイルゲージ.....         | 1            |
| 14          | 95177         | Feed Bar Driving Connecting Dust Cover ..... | 送りリンクダストカバー.....    | 1            |
| 15          | 36519         | Oil Hole Cap Seal .....                      | 詰栓.....             | 1            |
| 16          | 93621         | Oil Filter Screen .....                      | 濾過網.....            | 1            |
| 17          | 93589         | Tube Holder .....                            | パイプ支エ.....          | 1            |
| 18          | 93620         | Oil Pump Holder .....                        | ポンプ取付台.....         | 1            |
| 19          | 538           | Washer for 93620, 93589 .....                | ワッシャー.....          | 3            |
| 20          | 90952         | Oil Filter .....                             | 濾過器.....            | 2            |
| 21          | 95143         | Oil Filter Holder .....                      | 濾過器受ケ.....          | 1            |
| 22          | 1175          | Screw for 95143 .....                        | 濾過器受ケ止ネジ.....       | 3            |
| 23          | 93600         | Oil Tube (Short), Complete Set .....         | 給油パイプ(短)(組).....    | 2            |
| 24          | 9909          | Oil Tube Fitting Nut .....                   | 管継手.....            | 2            |
| 25          | 37675         | Oil Tube Clamp (Small) .....                 | 緊束環(小).....         | 8            |
| 26          | 93622         | Oil Tube (100mm) .....                       | オイルパイプ(100mm) ..... | 2            |
| 27          | 95140         | Oil Pump, Complete Set .....                 | ポンプ(組).....         | 1            |
| 28          | 90901         | Oil Pump Driving Worm Gear .....             | ウォームギア.....         | 1            |
| 29          | 1459          | Screw for 90901 .....                        | ウォームギア止ネジ.....      | 2            |
| 30          | 638           | Seal Plug for Oil Pump .....                 | 詰栓.....             | 1            |
| 31          | 9930          | Screw for 95140 .....                        | ポンプ(組)止ネジ.....      | 2            |
| 32          | 95148         | Oil Nozzle for Worm Gear .....               | 給油パイプ.....          | 1            |
| 33          | 93602         | Oil Tube (Long), Complete Set .....          | 給油パイプ(長)(組).....    | 1            |
| 34          | 93618         | Oil Tube (150mm) .....                       | オイルパイプ(150mm) ..... | 1            |
| 35          | 90930         | Oil Relief Valve, Complete Set .....         | 逆止弁(組).....         | 1            |
| 36          | 93619         | Oil Tube (70mm) .....                        | オイルパイプ(70mm).....   | 1            |
| 37          | 37669         | Oil Tube Joint, One Way .....                | 片口管継手.....          | 1            |
| 38          | 567           | Seal for 37669, 7668, 63222 .....            | パッキン.....           | 3            |
| 39          | 7668          | Oil Tube Fitting Stud (Short) .....          | 管継手ボルト.....         | 1            |
| 40          | 93575         | Oil Supplying Tube Holder .....              | 給油口.....            | 1            |
| 41          | 63222         | Oil Sight Top Nozzle .....                   | ノズル.....            | 1            |
| 42          | 419           | Nut for 63222 .....                          | ノズル止メナット.....       | 1            |
| 43          | 37697         | Oil Nozzle Cap .....                         | 注油キャップ.....         | 1            |
| 44          | 93574         | Oil Receiver .....                           | 油受ケ皿.....           | 1            |
| 45          | 4358          | Screw for 93574 .....                        | 油受ケ皿止ネジ.....        | 2            |
| 46          | 384           | Oil Wick for 93574 .....                     | 油芯.....             | 1            |
| 47          | —             | Oil Wick for 93581 .....                     | 油芯.....             | 1            |
| 48          | 93581         | Needle Bar Connecting Rod Oil Pipe .....     | 針棒ロッド給油パイプ.....     | 1            |
| 49          | 9526          | Screw for 93581 .....                        | 針棒ロッド給油パイプ止ネジ.....  | 1            |
| 50          | 93577         | Suction Pipe for Arm.....                    | アーム吸入パイプ.....       | 1            |
| 51          | 93617         | Suction Pipe Bushing .....                   | アーム吸入パイプブッシュ.....   | 1            |
| 52          | 93599         | Oil Tube (500mm) .....                       | オイルパイプ(500mm) ..... | 1            |
| 53          | 93576         | Draining Tube (Upper) .....                  | 排油パイプ(上).....       | 1            |
| 54          | 93583         | Oil Tube Clamp (Large) .....                 | 緊束環(大).....         | 1            |
| 55          | 93588         | Draining Tube (Middle) .....                 | 排油パイプ(中).....       | 1            |
| 56          | 20551         | Oil Wick Holding Rubber Ring .....           | ミョウリング.....         | 1            |
| 57          | 93587         | Suction Pipe for Oil Pump .....              | 吸入パイプ.....          | 1            |
| 58          | 4353          | Screw for 63233 .....                        | 針棒ロッド 油芯支エ止ネジ.....  | 1            |

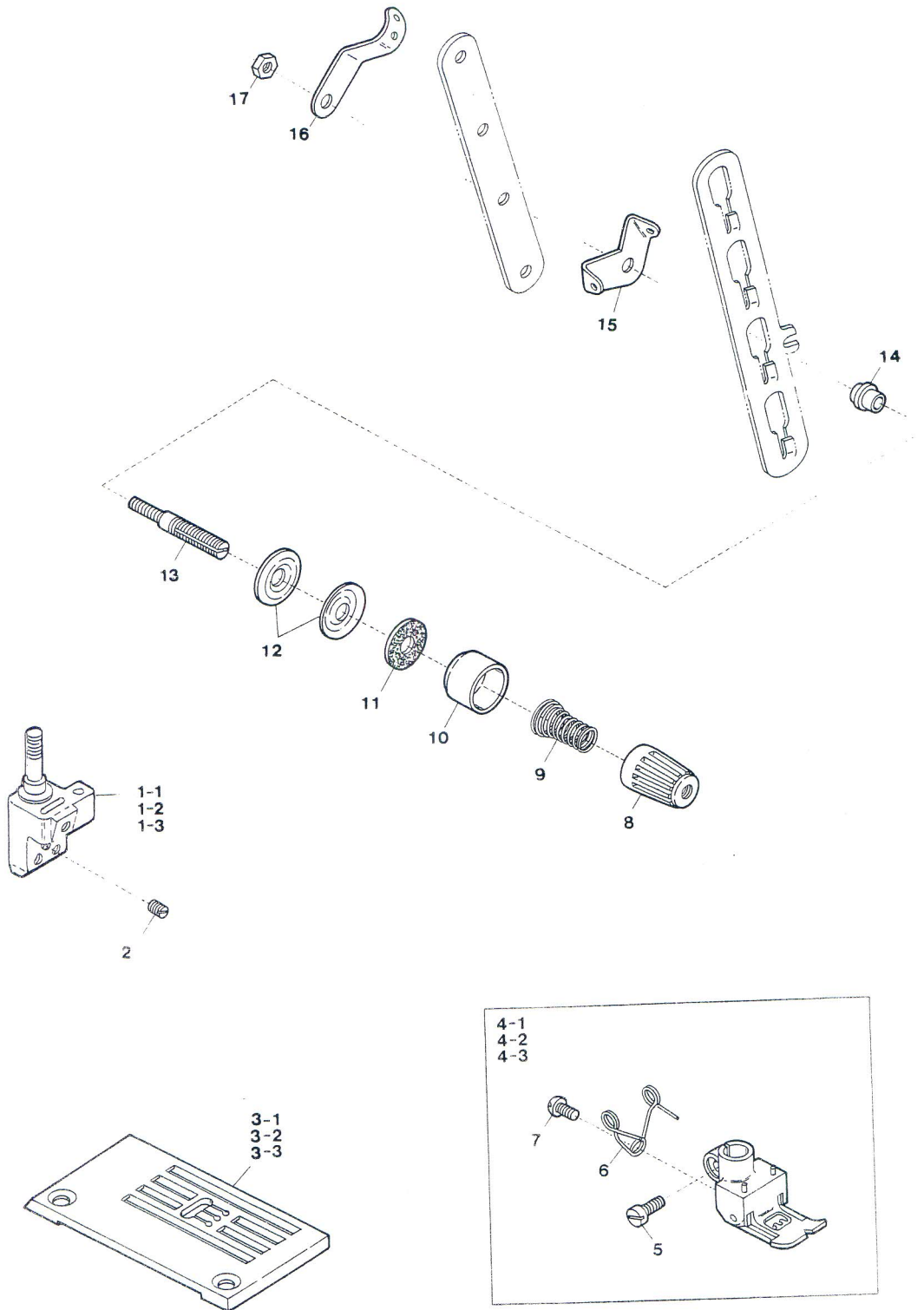
| Ref.<br>No. | Parts<br>No. | Description                          | 品 名                | Amt.<br>Req. |
|-------------|--------------|--------------------------------------|--------------------|--------------|
| 1-1         | 93256        | Needle Clamp (C) .....               | 針止メ (C) .....      | 1            |
| 1-2         | 93257        | " " (D) .....                        | " (D) .....        | 1            |
| 1-3         | 93258        | " " (E) .....                        | " (E) .....        | 1            |
| 2           | 1892         | Screw for Needle .....               | 針止ネジ .....         | 3            |
| 3-1         | 94800        | Stitch Plate (C) .....               | 針板 (C) .....       | 1            |
| 3-2         | 94801        | " " (D) .....                        | " (D) .....        | 1            |
| 3-3         | 94802        | " " (E) .....                        | " (E) .....        | 1            |
| 4-1         | 90732        | Presser Foot (C), Complete Set ..... | 押エ (組) (C) .....   | 1            |
| 4-2         | 90722        | " " (D) " " .....                    | " " (D) .....      | 1            |
| 4-3         | 90731        | " " (E) " " .....                    | " " (E) .....      | 1            |
| 5           | 1186         | Screw for Presser Foot .....         | 押エ (組) 止ネジ .....   | 1            |
| 6           | 90723        | Presser Foot Spring .....            | 小押エバネ .....        | 1            |
| 7           | 5133         | Screw for 90723 .....                | 小押エバネ止ネジ .....     | 1            |
| 8           | 93547        | Thread Tension Spring Cap .....      | 渦巻バネキャップ (上) ..... | 1            |
| 9           | 90814        | Needle Thread Tension Spring .....   | 糸調子バネ (太) .....    | 1            |
| 10          | 93555        | Thread Tension Spring Retainer ..... | 渦巻バネキャップ (下) ..... | 1            |
| 11          | 286          | Felt for 31111 .....                 | フェルト .....         | 1            |
| 12          | 31111        | Tension Disc .....                   | 糸調子皿 .....         | 2            |
| 13          | 9844         | Tension Post .....                   | 糸調子棒 .....         | 1            |
| 14          | 90812        | Tension Post Ferrule .....           | 糸調子棒系摺レ .....      | 1            |
| 15          | 90856        | Tension Disc Eyelet .....            | 調子皿糸道 .....        | 1            |
| 16          | 90807        | Thread Lead-In Guide .....           | 糸調子台糸道 .....       | 1            |
| 17          | 813          | Nut for 9844 .....                   | ナット .....          | 1            |

## MODEL PLATE for CLASS DV-1400

| Models    | Parts No. | Models    | Parts No. | Models           | Parts No. | Models       | Parts No. |
|-----------|-----------|-----------|-----------|------------------|-----------|--------------|-----------|
| DV-1400MA | 93114     | DV-1403ME | 93124     | DV-1411LA-1/UT11 | 93940     | DW-1503MD/EC | 93129     |
| MB        | 93115     | ME/FC     | 93959     | /UT12            | 93943     | MD/EU        | 93842     |
| MC        | 93116     | DV-1409MA | 93930     | /UT13            | 93969     | MD/FC        | 93960     |
| ME        | 93117     | MA/EC     | 93935     | LB-1/UT11        | 93941     | ME           | 93126     |
| 1403MA    | 93121     | MA/EU     | 93839     | /UT12            | 93944     | ME/EC        | 93130     |
| MA/EC     | 93127     | MA/FC     | 93962     | /UT13            | 93970     | ME/EU        | 93843     |
| MA/EU     | 93834     | MB        | 93931     | LC-1/UT11        | 93942     | ME/FC        | 93961     |
| MA/FC     | 93956     | MB/EC     | 93936     | /UT12            | 93945     | DW-1509MD    | 93933     |
| MB        | 93122     | MB/EU     | 93840     | /UT13            | 93971     | MD/EC        | 93938     |
| MB/EC     | 93128     | MB/FC     | 93963     | DW-1500MC        | 93118     | MD/EU        | 93844     |
| MB/EU     | 93835     | MC        | 93932     | MD               | 93119     | MD/FC        | 93965     |
| MB/FC     | 93957     | MC/EC     | 93937     | MD/K1            | 93967     | ME           | 93934     |
| MC        | 93123     | MC/EU     | 93841     | ME               | 93120     | ME/EC        | 93939     |
| MC/EC     | 93912     | MC/FC     | 93964     | ME/K1            | 93968     | ME/EU        | 93845     |
| MC/FC     | 93958     |           |           | 1503MD           | 93125     | ME/FC        | 93966     |

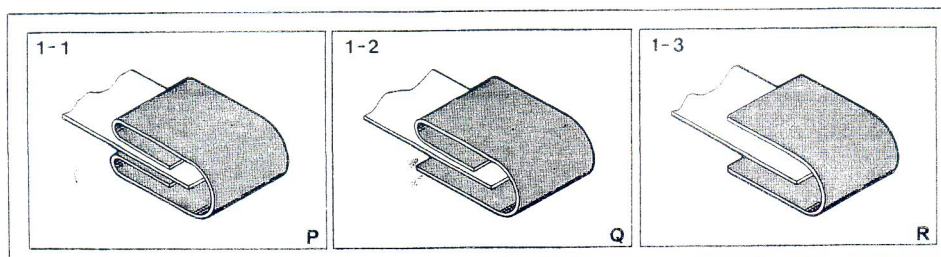
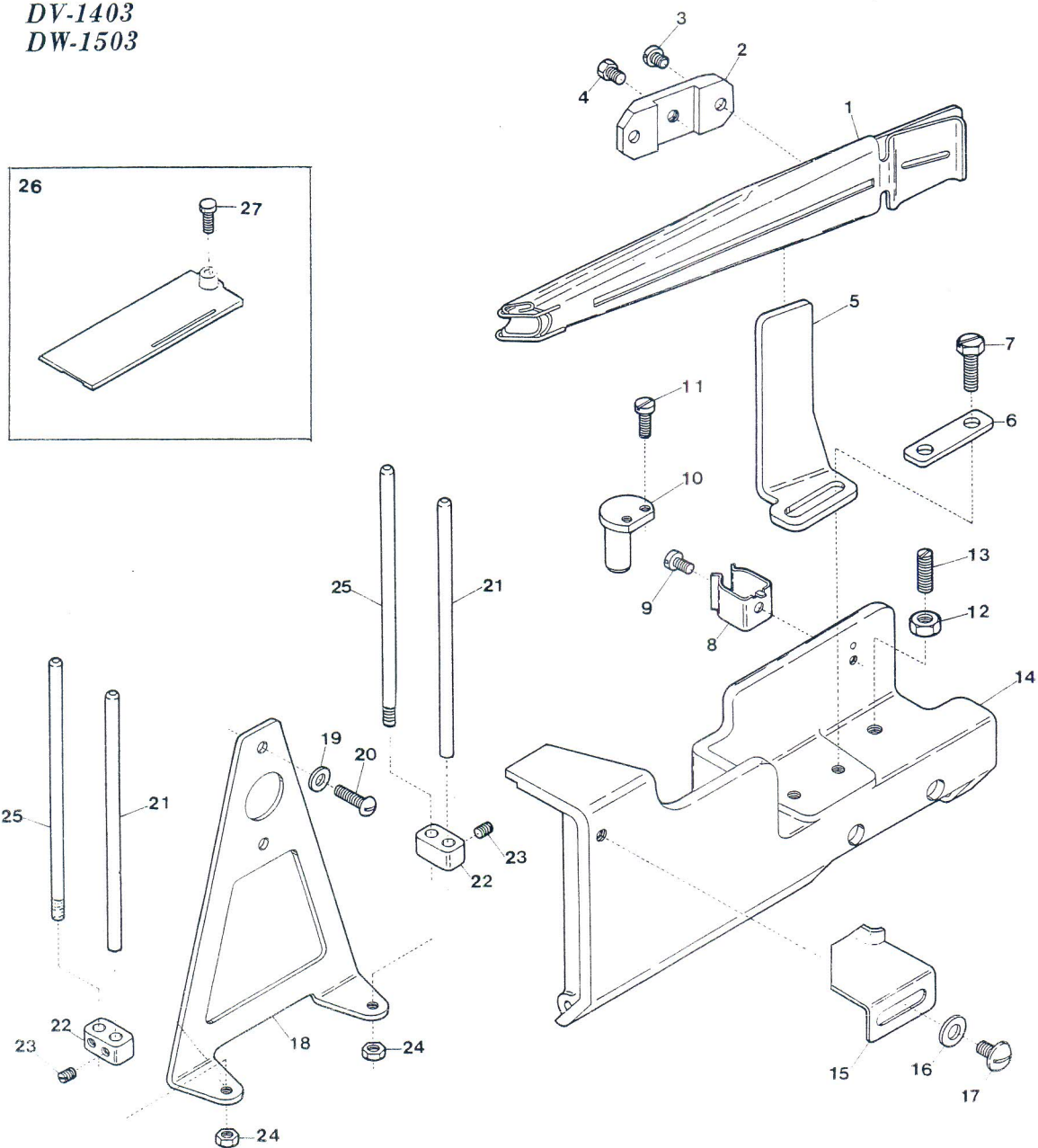


## DW-1500





DV-1403  
DW-1503

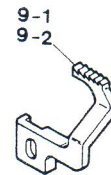
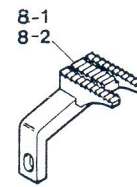
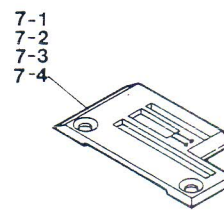
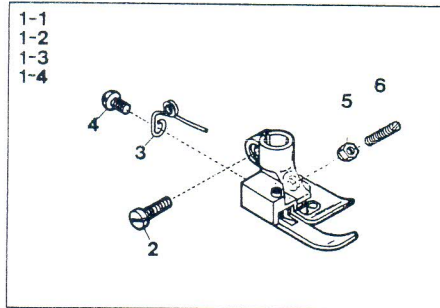


| Ref.<br>No. | Parts<br>No. | Description                           | 品 名          | Amt.<br>Req. |
|-------------|--------------|---------------------------------------|--------------|--------------|
| 1-1         | 93241        | Folder (for Type P)                   | 定規 (P)       | 1            |
| 1-2         | 93242        | " ( " Q)                              | " (Q)        | 1            |
| 1-3         | 93243        | " ( " R)                              | " (R)        | 1            |
| 2           | 91736        | Folder Supporter Clamp                | 定規取付板        | 1            |
| 3           | 9932         | Screw for Folder                      | 定規(組)止ネジ     | 2            |
| 4           | 5554         | Screw for 91736                       | 定規取付板止ネジ     | 1            |
| 5           | 94245        | Folder Supporter                      | 定規取付台        | 1            |
| 6           | 94246        | Folder Supporter Fixing Plate         | 定規取付台固定片     | 1            |
| 7           | 5553         | Screw for 94245                       | 定規取付台止ネジ     | 2            |
| 8           | 94201        | Front Cover Latch Spring              | 前開キカババネ      | 1            |
| 9           | 4358         | Screw for 94201                       | 前開キカババネ止ネジ   | 1            |
| 10          | 94202        | Front Cover Latch                     | 前開キカババネ掛け    | 1            |
| 11          | 7609         | Screw for 94202                       | 前開キカババネ掛け止ネジ | 2            |
| 12          | 306          | Stopper Nut for 94200                 | ストッハナット      | 1            |
| 13          | 3654         | Stopper Screw for 94200               | 前開キカバーストッハネジ | 1            |
| 14          | 94200        | Front Cover                           | 前開キカバ        | 1            |
| 15          | 95153        | Edge Guide                            | 当て定規         | 1            |
| 16          | 613          | Washer for 95153                      | ワッシャ         | 1            |
| 17          | 9852         | Screw for 95153                       | 当て定規止ネジ      | 1            |
| 18          | 94235        | Tape Guide Holder                     | テープガイド取付板    | 1            |
| 19          | 538          | Washer for 94235                      | ワッシャ         | 2            |
| 20          | 5163         | Screw for 94235                       | テープガイド取付板止ネジ | 2            |
| 21          | 91708        | Tape Guide (Long)                     | テープガイド(長)    | 2            |
| 22          | 91707        | Tape Guide Adjusting Holder           | テープガイド支エ     | 2            |
| 23          | 1457         | Screw for 91707                       | テープガイド支エ止ネジ  | 4            |
| 24          | 340          | Nut for 91708                         | ナット          | 2            |
| 25          | 91709        | Tape Guide (Short)                    | テープガイド(短)    | 2            |
| 26          | 94194        | Cloth Plate Slide Cover, Complete Set | 滑り板(組)       | 1            |
| 27          | 6473         | Screw for Cloth Plate Slide Cover     | 滑り板止ネジ       | 1            |

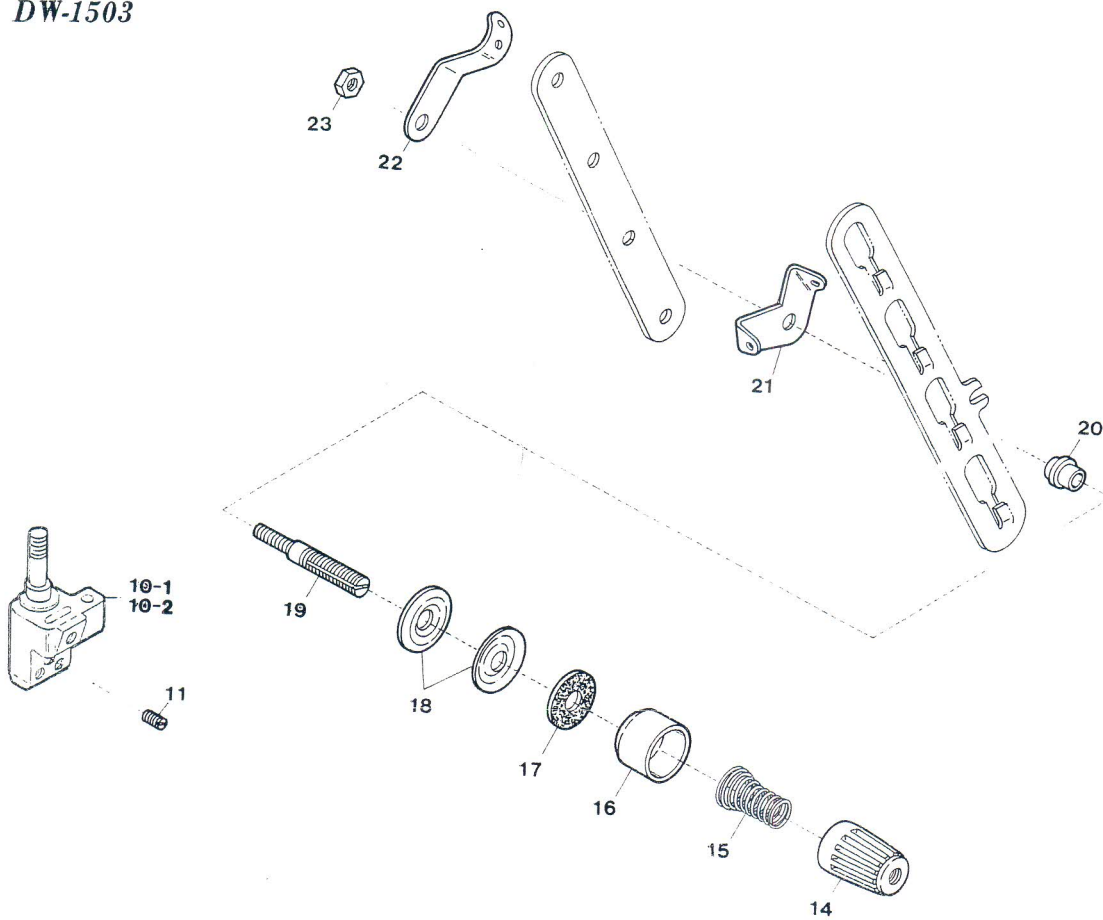
Note: Please mention Parts No. and Size of Folder when placing your order. 注) 定規を御注文の際は、品番、サイズおよび個数をお知らせ下さい。

| Parts No. | 93241                                                                                                                                                                                 | 93242 | 93243 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| Type      | P                                                                                                                                                                                     | Q     | R     |
| Size      | Available folder sizes. (in finished size)<br>$\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{8}$ , $1\frac{1}{4}$ inch |       |       |

## DV-1403



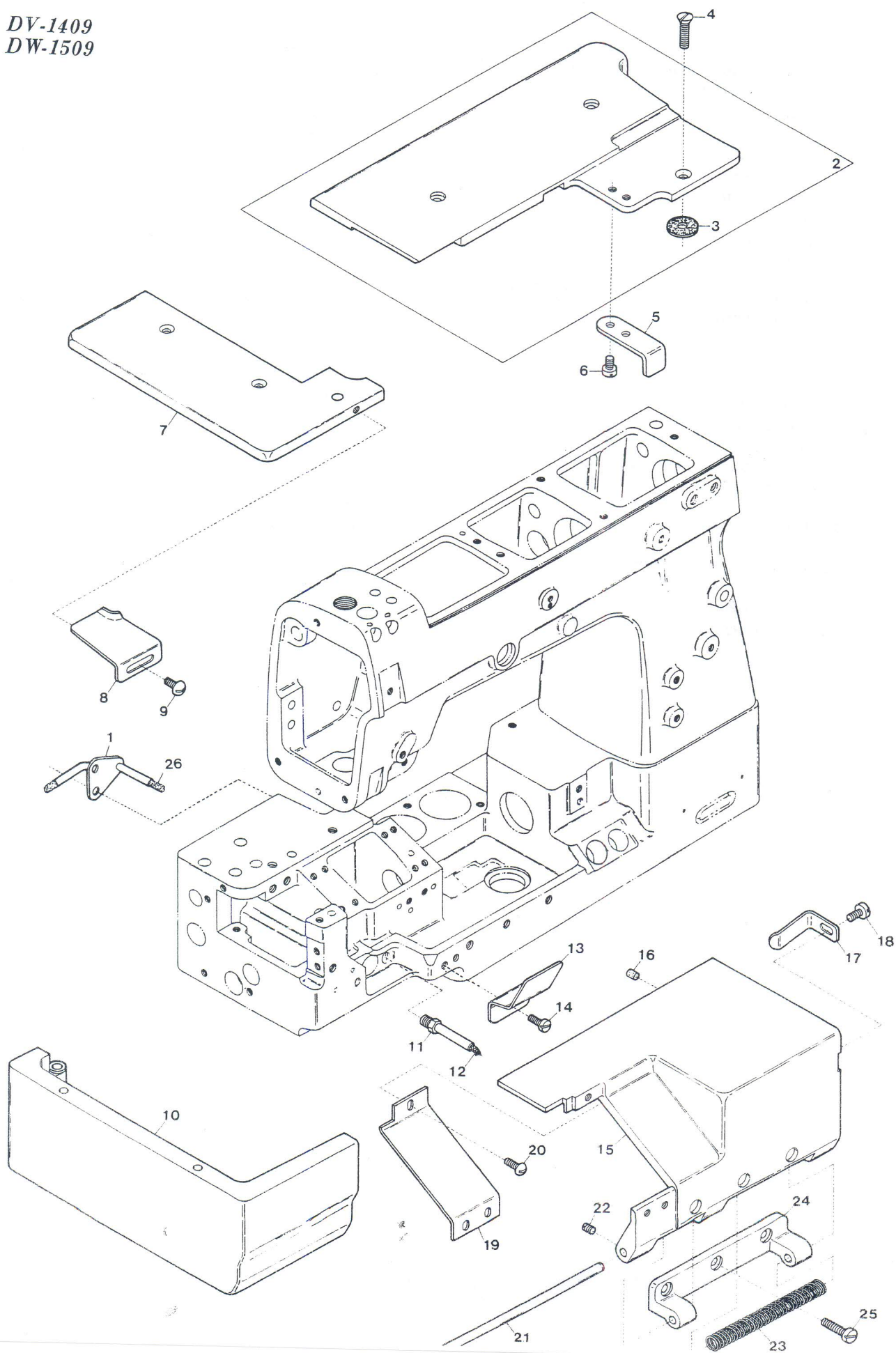
## DW-1503





| <u>Ref.</u><br><u>No.</u> | <u>Parts</u><br><u>No.</u> | <u>Description</u>                     | <u>品 名</u>        | <u>Amt.</u><br><u>Req.</u> |
|---------------------------|----------------------------|----------------------------------------|-------------------|----------------------------|
| 1-1                       | 94215                      | Presser Foot (A), Complete Set .....   | 押エ(組)(A) .....    | 1                          |
| 1-2                       | 94216                      | " " (B) " " .....                      | " " (B) .....     | 1                          |
| 1-3                       | 94217                      | " " (C) " " .....                      | " " (C) .....     | 1                          |
| 1-4                       | 94219                      | " " (E) " " .....                      | " " (E) .....     | 1                          |
| 2                         | 1186                       | Screw for Presser Foot .....           | 押エ(組)止ネジ .....    | 1                          |
| 3                         | 91725                      | Presser Foot Spring .....              | 小押エバネ .....       | 1                          |
| 4                         | 5133                       | Screw for 91725 .....                  | 小押エバネ止ネジ .....    | 1                          |
| 5                         | 220                        | Lock Nut for 3300 .....                | ロックナット .....      | 1                          |
| 6                         | 3300                       | Adjusting Screw for Presser Foot ..... | 押エ調節ネジ .....      | 1                          |
| 7-1                       | 94281                      | Stitch Plate (A) .....                 | 針板(A) .....       | 1                          |
| 7-2                       | 94282                      | " " (B) .....                          | " (B) .....       | 1                          |
| 7-3                       | 94283                      | " " (C) .....                          | " (C) .....       | 1                          |
| 7-4                       | 94285                      | " " (E) .....                          | " (E) .....       | 1                          |
| 8-1                       | 94261                      | Main Feed Dog (A~D) .....              | 後送り(A~D) .....    | 1                          |
| 8-2                       | 94263                      | " " " (E) .....                        | " (E) .....       | 1                          |
| 9-1                       | 94260                      | Differential Feed Dog (A~D) .....      | 前送り(A~D) .....    | 1                          |
| 9-2                       | 94262                      | " " " (E) .....                        | " (E) .....       | 1                          |
| 10-1                      | 93257                      | Needle Clamp (D) .....                 | 針止メ(D) .....      | 1                          |
| 10-2                      | 93258                      | " " (E) .....                          | " (E) .....       | 1                          |
| 11                        | 1892                       | Screw for Needle .....                 | 針止ネジ .....        | 3                          |
| 12-1                      | 94921                      | Stitch Plate (D) .....                 | 針板(D) .....       | 1                          |
| 12-2                      | 94922                      | " " (E) .....                          | " (E) .....       | 1                          |
| 13-1                      | 94908                      | Presser Foot (D), Complete Set .....   | 押エ(組)(D) .....    | 1                          |
| 13-2                      | 94909                      | " " (E) " " .....                      | " " (E) .....     | 1                          |
| 14                        | 93547                      | Thread Tension Spring Cap .....        | 渦巻バネキャップ(上) ..... | 1                          |
| 15                        | 90814                      | Needle Thread Tension Spring .....     | 糸調子バネ .....       | 1                          |
| 16                        | 93555                      | Thread Tension Spring Retainer .....   | 渦巻バネキャップ(下) ..... | 1                          |
| 17                        | 286                        | Felt for 31111 .....                   | フェルト .....        | 2                          |
| 18                        | 31111                      | Tension Disc .....                     | 糸調子皿 .....        | 2                          |
| 19                        | 9844                       | Tension Post .....                     | 糸調子棒 .....        | 1                          |
| 20                        | 90812                      | Tension Post Ferrule .....             | 糸調子棒系摺レ .....     | 1                          |
| 21                        | 90856                      | Tension Disc Eyelet .....              | 調子皿糸道 .....       | 1                          |
| 22                        | 90807                      | Thread Lead In Guide .....             | 糸調子台糸道 .....      | 1                          |
| 23                        | 813                        | Nut for 9844 .....                     | ナット .....         | 1                          |

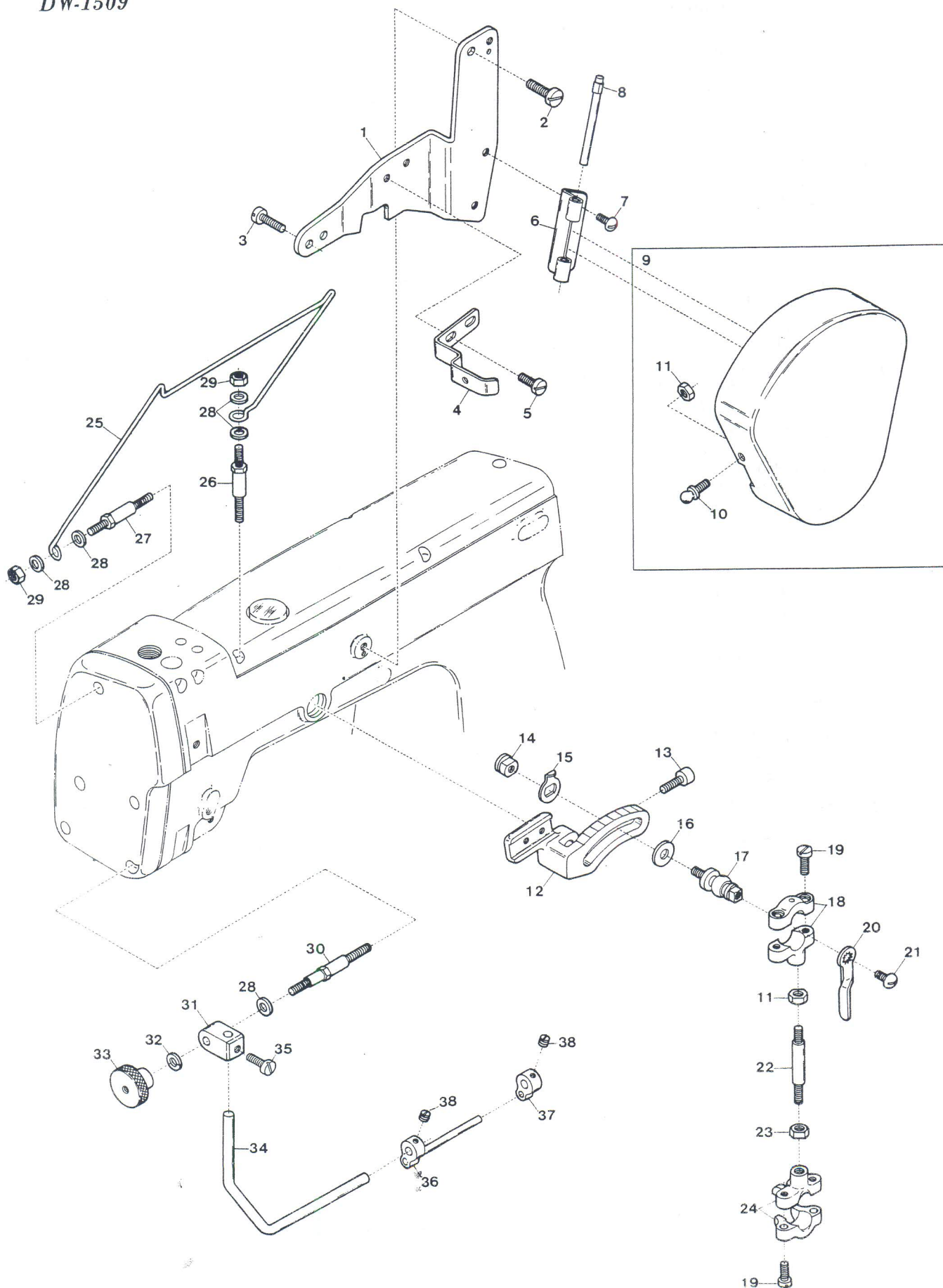
DV-1409  
DW-1509



| <u>Ref.<br/>No.</u> | <u>Parts<br/>No.</u> | <u>Description</u>                            | <u>品 名</u>           | <u>Amt.<br/>Req.</u> |
|---------------------|----------------------|-----------------------------------------------|----------------------|----------------------|
| 1                   | 95441                | Needle Guard Connecting Rod Oil Pipe .....    | 針受ケロッド給油パイプ .....    | 1                    |
| 2                   | 95253                | Cloth Plate, Complete Set .....               | 大カバー(組) .....        | 1                    |
| 3                   | 95184                | Cloth Plate Felt .....                        | 大カバーフェルト .....       | 3                    |
| 4                   | 1732                 | Screw for 95253 .....                         | 大カバー(組)止ネジ .....     | 1                    |
| 5                   | 94528                | Front Cover Latch .....                       | フック掛け .....          | 1                    |
| 6                   | 9853                 | Screw for 94528 .....                         | フック掛け止ネジ .....       | 2                    |
| 7                   | 95254                | Cloth Plate (Small) .....                     | 小カバー .....           | 1                    |
| 8                   | 95257                | Edge Guide .....                              | 当て定規 .....           | 1                    |
| 9                   | 1330                 | Screw for 95257 .....                         | 当て定規止ネジ .....        | 1                    |
| 10                  | 95255                | Side Opening Cover .....                      | 横開キカバー .....         | 1                    |
| 11                  | 90918                | Oil Pipe for Upper Knife Connecting Rod ..... | オイルハイブ .....         | 1                    |
| 12                  | —                    | Oil Wick for 90918 .....                      | 油芯 .....             | 1                    |
| 13                  | 94530                | Oil Shield .....                              | 油除ケ .....            | 1                    |
| 14                  | 5000                 | Screw for 94530 .....                         | 油除ケ止ネジ .....         | 2                    |
| 15                  | 94524                | Front Cover .....                             | 前開キカバー .....         | 1                    |
| 16                  | 38221                | Rubber Cushion .....                          | 埋メ座 .....            | 1                    |
| 17                  | 94527                | Front Cover Latch Spring .....                | フック .....            | 1                    |
| 18                  | 4440                 | Screw for 94527 .....                         | フック止ネジ .....         | 1                    |
| 19                  | 94537                | Front Cover Supplementary Plate .....         | 前開キカバー補助板 .....      | 1                    |
| 20                  | 9121                 | Screw for 94537 .....                         | 前開キカバー補助板止ネジ .....   | 3                    |
| 21                  | 94526                | Front Cover Hinge Pin .....                   | 前開キカバーヒンジピン .....    | 1                    |
| 22                  | 9526                 | Screw for 94526 .....                         | 前開キカバーヒンジピン止ネジ ..... | 2                    |
| 23                  | 94666                | Front Cover Hinge Spring .....                | 前開キカバーヒンジバネ .....    | 1                    |
| 24                  | 94525                | Front Cover Hinge .....                       | 前開キカバーヒンジ .....      | 1                    |
| 25                  | 4437                 | Screw for 94525 .....                         | 前開キカバーヒンジ止ネジ .....   | 3                    |
| 26                  | —                    | Oil Wick for 95441 .....                      | 油芯 .....             | 1                    |

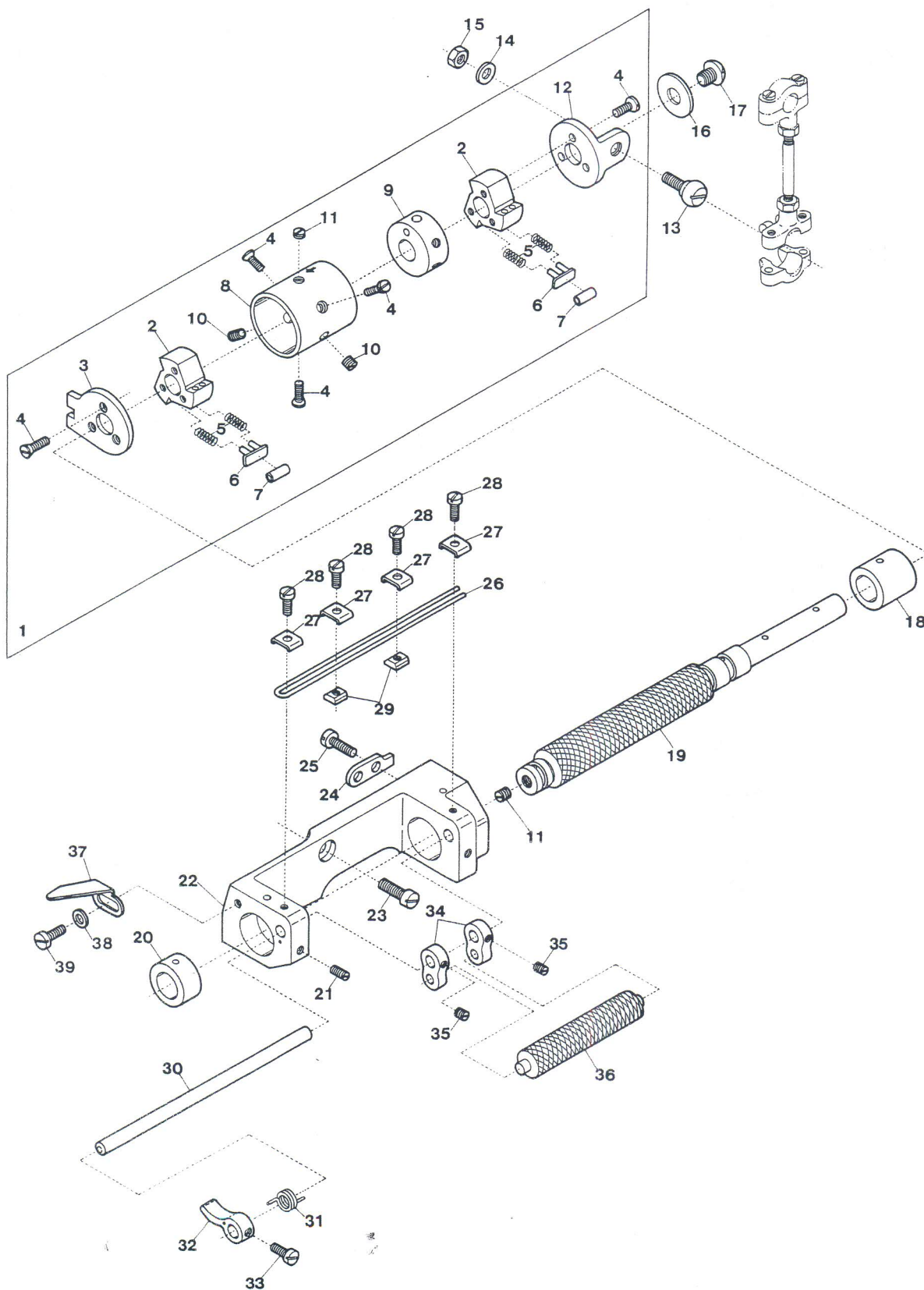


DV-1409  
DW-1509



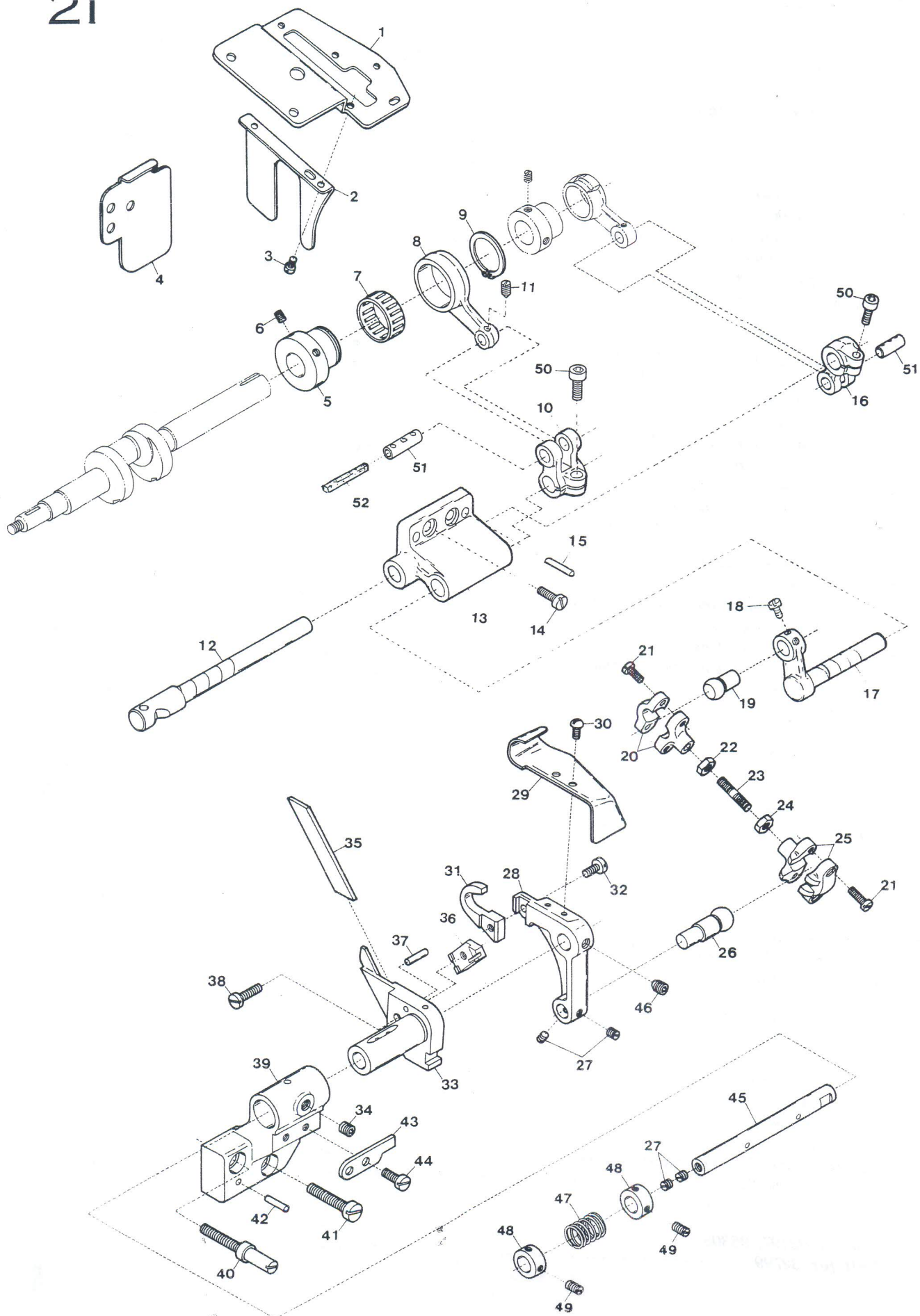
| f.<br>o. | Parts<br>No. | Description                       | 品 名            | Amt.<br>Req. |
|----------|--------------|-----------------------------------|----------------|--------------|
| 1        | 94532        | Clutch Cover Holder Plate         | クラッチカバープレート    | 1            |
| 2        | 9150         | Screw for 94532                   | クラッチカバープレート止ネジ | 1            |
| 3        | 4440         | Screw for Clutch Frame            | クラッチ台止ネジ       | 2            |
| 4        | 91937        | Clutch Cover Spring               | クラッチカバーバネ      | 1            |
| 5        | 7006         | Screw for 91937                   | クラッチカバーバネ止ネジ   | 2            |
| 6        | 91936        | Clutch Cover Hinge                | クラッチカバーヒンジ     | 1            |
| 7        | 9121         | Screw for 91936                   | クラッチカバーヒンジ止ネジ  | 2            |
| 8        | 91938        | Clutch Cover Hinge Pin            | クラッチカバーヒンジピン   | 1            |
| 9        | 95055        | Clutch Cover, Complete Set        | クラッチカバー(組)     | 1            |
| 10       | 37611        | Clutch Cover Knob                 | クラッチカバーツマミ     | 1            |
| 11       | 340          | Nut for 37611, 92138              | ナット            | 2            |
| 12       | 94541        | Metering Lever                    | メータリングレバー      | 1            |
| 13       | 5550         | Screw for 94541                   | メータリングレバー止ネジ   | 1            |
| 14       | 247          | Stopper Nut for 91909             | ナット            | 1            |
| 15       | 91964        | Graduation Shower                 | 目盛指示板          | 1            |
| 16       | 586          | Washer for 91909                  | ワッシャ           | 1            |
| 17       | 91909        | Adjusting Ball Stud               | 調節球            | 1            |
| 18       | 94588        | Clutch Connecting Rod (Small)     | クラッチロッド(小)     | 1            |
| 19       | 1174         | Screw for 94588, 94589            | クラッチロッド止ネジ     | 4            |
| 20       | 91963        | Adjusting Ball Lever              | 調節球調節レバー       | 1            |
| 21       | 1330         | Screw for 91963                   | 調節球調節レバー止ネジ    | 1            |
| 22       | 92138        | Clutch Rod Connection             | クラッチロッド連結桿     | 1            |
| 23       | 343          | Nut for 92138 (Left-handed Screw) | ナット(左ネジ)       | 1            |
| 24       | 94589        | Clutch Connecting Rod (Large)     | クラッチロッド(大)     | 1            |
| 25       | 94533        | Tape Holder                       | テープ受ケ          | 1            |
| 26       | 6800         | Screw for Top Cover               | 上カバー止ネジ        | 1            |
| 27       | 6799         | Screw for Head Cover              | 面蓋止ネジ          | 1            |
| 28       | 554          | Washer for 94533, 95269           | ワッシャ           | 5            |
| 29       | 451          | Nut for 94533                     | ナット            | 2            |
| 30       | 6266         | Screw for Head Cover              | 面蓋止ネジ          | 1            |
| 31       | 95269        | Tape Guide Bar Holder             | テープバー腕         | 1            |
| 32       | 677          | Spring Washer for 95269           | スプリングワッシャ      | 1            |
| 33       | 431          | Lock Nut for 95269                | ロックナット         | 1            |
| 34       | 95270        | Tape Guide Bar                    | テープガイドバー(長)    | 1            |
| 35       | 9604         | Screw for 95270                   | テープガイドバー(長)止ネジ | 1            |
| 36       | 95296        | Tape Guide, Complete Set          | テープガイド(組)      | 1            |
| 37       | 95272        | Tape Guide                        | テープガイド         | 1            |
| 38       | 1892         | Screw for 95296, 95272            | 止ネジ            | 2            |

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DW-1509





| <u>Ref.<br/>No.</u> | <u>Parts<br/>No.</u> | <u>Description</u>                    | <u>品 名</u>           | <u>Amt.<br/>Req.</u> |
|---------------------|----------------------|---------------------------------------|----------------------|----------------------|
| 1                   | 95060                | Clutch, Complete Set .....            | クラッチ(組).....         | 1                    |
| 2                   | 95061                | Clutch .....                          | クラッチ.....            | 2                    |
| 3                   | 95064                | Clutch Check .....                    | クラッチ板(左).....        | 1                    |
| 4                   | 7621                 | Screw for 95064, 95062, 94728 .....   | 止ネジ.....             | 9                    |
| 5                   | 95065                | Clutch Spring .....                   | クラッチバネ.....          | 12                   |
| 6                   | 95066                | Clutch Spring Seat .....              | クラッチバネ座.....         | 6                    |
| 7                   | 95067                | Clutch Roller .....                   | クラッチローラ.....         | 6                    |
| 8                   | 95062                | Clutch Sleeve .....                   | クラッチスリーブ.....        | 1                    |
| 9                   | 95063                | Clutch Sleeve Collar .....            | クラッチスリーブ止カラー.....    | 1                    |
| 10                  | 3635                 | Screw for 95063 .....                 | クラッチスリーブ止カラー止ネジ..... | 2                    |
| 11                  | 7645                 | Screw for 95062, 95071 .....          | グリース穴蓋ネジ.....        | 2                    |
| 12                  | 94728                | Clutch Rocker .....                   | クラッチ板(右).....        | 1                    |
| 13                  | 38034                | Ball Stud .....                       | 小球.....              | 1                    |
| 14                  | 511                  | Washer for 38034 .....                | ワッシャ.....            | 1                    |
| 15                  | 18                   | Nut for 38034 .....                   | 小球止ナット.....          | 1                    |
| 16                  | 605                  | Washer for 95071 .....                | ワッシャ.....            | 1                    |
| 17                  | 9852                 | Screw for 95071 .....                 | ローラ(大)止ネジ.....       | 1                    |
| 18                  | 95068                | Clutch Frame Bushing (Right) .....    | クラッチ台ブッシュ(右).....    | 1                    |
| 19                  | 95071                | Tension Roller (Large) .....          | ローラ(大).....          | 1                    |
| 20                  | 95069                | Clutch Frame Bushing (Left) .....     | クラッチ台ブッシュ(左).....    | 1                    |
| 21                  | 9209                 | Screw for 95069 .....                 | クラッチ台ブッシュ(左)止ネジ..... | 1                    |
| 22                  | 95072                | Clutch Frame .....                    | クラッチ台.....           | 1                    |
| 23                  | 5083                 | Screw 95072 .....                     | クラッチ台止ネジ.....        | 1                    |
| 24                  | 95070                | Clutch Check Stopper .....            | クラッチ板回り止メ.....       | 1                    |
| 25                  | 4440                 | Screw for 95070 .....                 | クラッチ板回り止メ止ネジ.....    | 2                    |
| 26                  | 94553                | Tape Guide (Upper) .....              | テープガイド(上).....       | 1                    |
| 27                  | 94556                | Washer for 94553 .....                | テープガイドワッシャ.....      | 4                    |
| 28                  | 1196                 | Screw for 94553 .....                 | テープガイド(上)止ネジ.....    | 4                    |
| 29                  | 94557                | Nut for 94553 .....                   | テープガイドナット.....       | 2                    |
| 30                  | 94548                | Tension Link Shaft .....              | ローラリンクシャフト.....      | 1                    |
| 31                  | 91932                | Tension Link Shaft Spring .....       | リンクシャフトバネ.....       | 1                    |
| 32                  | 94549                | Tension Link Shaft Spring Latch ..... | ローラリンクバネ掛け.....      | 1                    |
| 33                  | 9604                 | Screw for 94549 .....                 | ローラリンクバネ掛け止ネジ.....   | 1                    |
| 34                  | 94547                | Tension Link .....                    | ローラリンク.....          | 2                    |
| 35                  | 1457                 | Screw for 94547 .....                 | ローラリンク止ネジ.....       | 2                    |
| 36                  | 94546                | Tension Roller (Small) .....          | ローラ(小).....          | 1                    |
| 37                  | 95295                | Tape Guide Stopper .....              | テープガイドストッパ.....      | 1                    |
| 38                  | 532                  | Washer for 95295 .....                | ワッシャ.....            | 1                    |
| 39                  | 4353                 | Screw for 95295 .....                 | テープガイドストッパ止ネジ.....   | 1                    |



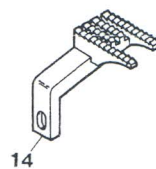
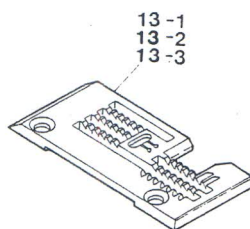
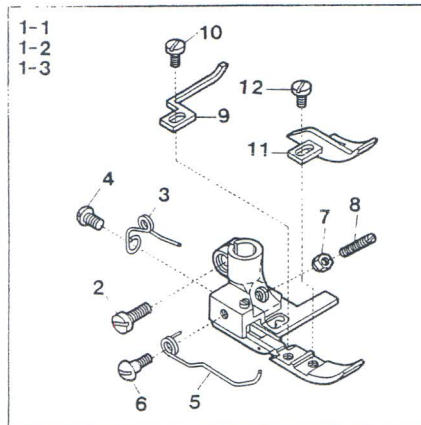


| Ref.<br>No. | Parts<br>No. | Description                           | 品 名            | Amt.<br>Req. |
|-------------|--------------|---------------------------------------|----------------|--------------|
| 1           | 94596        | Cast-Off Supporting Plate             | カム糸道取付板        | 1            |
| 2           | 94599        | Oil Defence (Center)                  | 油除ケ(中)         | 1            |
| 3           | 4318         | Screw for 94599                       | 油除ケ(中)止ネジ      | 2            |
| 4           | 94598        | Oil Defence (Rear)                    | 油除ケ(後)         | 1            |
| 5           | 95306        | Upper Knife Eccentric                 | 上メスエキセン        | 1            |
| 6           | 3436         | Screw for 95306                       | 上メスエキセン止ネジ     | 2            |
| 7           | 94564        | Upper Knife Needle Roller Bearing     | 上メスニードルベアリング   | 1            |
| 8           | 95307        | Upper Knife Connecting Rod            | 上メスロッド         | 1            |
| 9           | 94566        | Snap Ring for 95306                   | 上メスエキセン止メ輪     | 1            |
| 10          | 95308        | Upper Knife Driving Shaft Lever       | 上メス軸腕          | 1            |
| 11          | 3313         | Screw for 32799                       | 上メスロッドピン止ネジ    | 1            |
| 12          | 94561        | Needle Guard Driving Shaft            | 針受ケ軸           | 1            |
| 13          | 95305        | Needle Guard Driving Shaft Bracket    | 針受ケ軸ブラケット      | 1            |
| 14          | 4445         | Screw for 95305                       | 針受ケ軸ブラケット止ネジ   | 2            |
| 15          | 703          | Pin for 95305                         | ノックピン          | 2            |
| 16          | 93197        | Need Guard Driving Shaft Arm          | 針受ケ軸腕          | 1            |
| 17          | 95309        | Upper Knife Driving Shaft             | 上メス軸           | 1            |
| 18          | 7006         | Screw for 94569                       | 上メス球(短)止ネジ     | 2            |
| 19          | 94569        | Upper Knife Connecting Ball (Short)   | 上メス球(短)        | 1            |
| 20          | 94588        | Upper Knife Connecting Rod (Small)    | 上メスロッド(小)      | 1            |
| 21          | 1174         | Screw for 94588, 94589                | 上メスロッド止ネジ      | 4            |
| 22          | 340          | Nut for 94587                         | 連結桿ナット         | 1            |
| 23          | 94587        | Upper Knife Connecting Rod Connection | 上メスロッド連結桿      | 1            |
| 24          | 343          | Nut for 94587 (Left-handed Screw)     | 連結桿ナット(左ネジ)    | 1            |
| 25          | 94589        | Upper Knife Connecting Rod (Large)    | 上メスロッド(大)      | 1            |
| 26          | 94573        | Upper Knife Connecting Ball (Long)    | 上メス球(長)        | 1            |
| 27          | 1457         | Screw for 94573, 94574                | 止ネジ            | 4            |
| 28          | 95274        | Upper Knife Holder                    | 上メス台           | 1            |
| 29          | 94531        | Chip Guard                            | 切屑除ケ           | 1            |
| 30          | 9121         | Screw for 94531                       | 切屑除ケ止ネジ        | 2            |
| 31          | 95276        | Upper Knife                           | 上メス            | 1            |
| 32          | 6268         | Screw for 95276                       | 上メス止ネジ         | 1            |
| 33          | 95273        | Lower Knife Holder                    | 下メス台           | 1            |
| 34          | 3635         | Screw for 95273                       | 下メス台止ネジ        | 1            |
| 35          | 95277        | Lower Knife                           | 下メス            | 1            |
| 36          | 95275        | Lower Knife Clamp                     | 下メス押エ          | 1            |
| 37          | 687          | Lower Knife Clamp Locking Pin         | 回り止メピン         | 1            |
| 38          | 9150         | Screw for 95275                       | 下メス押エ止ネジ       | 1            |
| 39          | 94578        | Lower Knife Holder Bracket            | 下メス台ブラケット      | 1            |
| 40          | 6267         | Screw for 94578                       | 下メス台ブラケット止ネジ   | 1            |
| 41          | 7763         | Screw for 94578                       | 下メス台ブラケット止ネジ   | 1            |
| 42          | 703          | Pin for 94578                         | 下メス台ブラケットノックピン | 2            |
| 43          | 94582        | Lower Knife Holder Locking Pin        | 下メス台回り止メ       | 1            |
| 44          | 4440         | Screw for 94582                       | 下メス台回り止メ止ネジ    | 2            |
| 45          | 94574        | Upper Knife Holder Pin                | 上メス台ヒン         | 1            |
| 46          | 3647         | Screw for 94574                       | 上メス台ヒン止ネジ      | 1            |
| 47          | 94577        | Upper Knife Spring                    | 上メスバネ          | 1            |
| 48          | 94562        | Needle Guard Driving Shaft Collar     | 針受ケ軸カラー        | 2            |
| 49          | 1892         | Screw for 94562                       | 針受ケ軸カラー止ネジ     | 4            |
| 50          | 5550         | Screw for 93197, 95308                | 止ネジ            | 2            |
| 51          | 32799        | Pin for 93197, 95308                  | ロッドピン          | 2            |
| 52          | 728          | Felt for 32799                        | フェルト           | 1            |

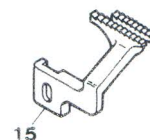
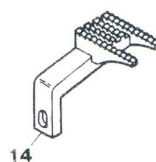
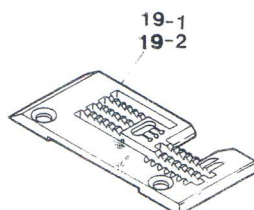
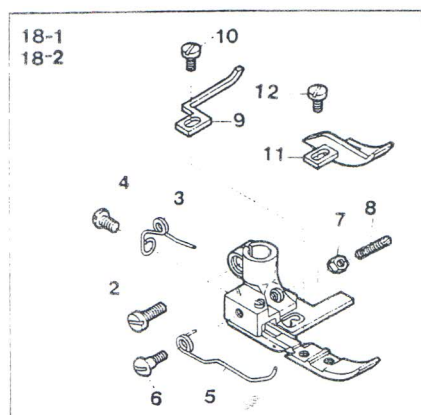
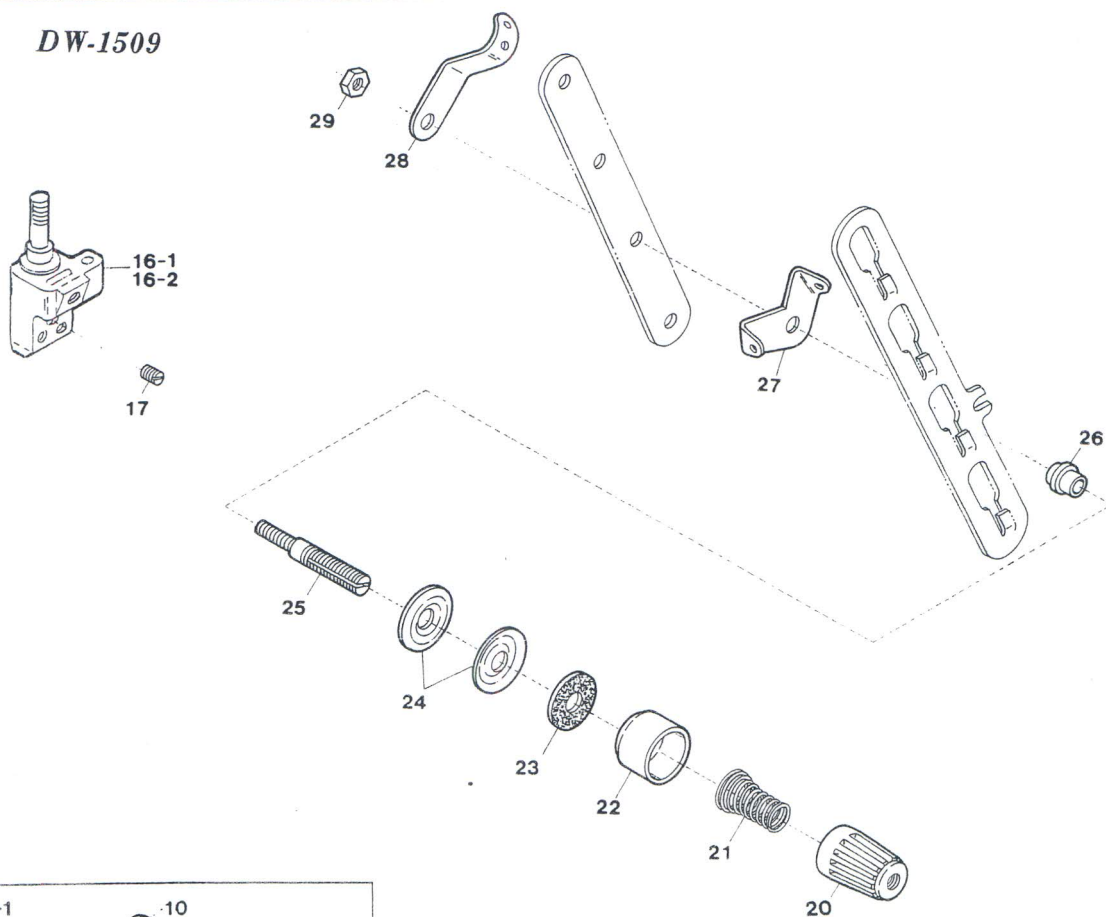


| Ref.<br>No. | Parts<br>No. | Description                      | 品 名         | Amt.<br>Req. |
|-------------|--------------|----------------------------------|-------------|--------------|
| 1-1         | 95313        | Presser Foot (A), Complete Set   | 押エ(組)(A)    | 1            |
| 1-2         | 95314        | " " (B) " "                      | " " (B)     | 1            |
| 1-3         | 95315        | " " (C) " "                      | " " (C)     | 1            |
| 2           | 1186         | Screw for Presser Foot           | 押エ(組)止ネジ    | 1            |
| 3           | 91725        | Presser Foot Spring (Small)      | 小押エバネ       | 1            |
| 4           | 5133         | Screw for 91725                  | 小押エバネ止ネジ    | 1            |
| 5           | 95267        | Presser Foot Spring (Front)      | 前押エバネ       | 1            |
| 6           | 6010         | Screw for 95267                  | 前押エバネ止ネジ    | 1            |
| 7           | 220          | Lock Nut for 3300                | ロックナット      | 1            |
| 8           | 3300         | Adjusting Screw for Presser Foot | 押エ調節ネジ      | 1            |
| 9           | 95268        | Presser Foot Tape Guide          | 押エテープガイド    | 1            |
| 10          | 1230         | Screw for 95268                  | 押エテープガイド止ネジ | 1            |
| 11          | 95266        | Presser Foot Chip Guard          | チップガード      | 1            |
| 12          | 1228         | Screw for 95266                  | チップガード止ネジ   | 1            |
| 13-1        | 95260        | Stitch Plate (A)                 | 針板(A)       | 1            |
| 13-2        | 95261        | " " (B)                          | " (B)       | 1            |
| 13-3        | 95262        | " " (C)                          | " (C)       | 1            |
| 14          | 94593        | Main Feed Dog                    | 後送り         | 1            |
| 15          | 95263        | Differential Feed Dog            | 前送り         | 1            |
| 16-1        | 93257        | Needle Clamp (D)                 | 針止メ(D)      | 1            |
| 16-2        | 93258        | " " (E)                          | " (E)       | 1            |
| 17          | 1892         | Screw for Needle                 | 針止ネジ        | 3            |
| 18-1        | 95316        | Presser Foot (D), Complete Set   | 押エ(組)(D)    | 1            |
| 18-2        | 95317        | " " (E) " "                      | " " (E)     | 1            |
| 19-1        | 95278        | Stitch Plate (D)                 | 針板(D)       | 1            |
| 19-2        | 95279        | " " (E)                          | " (E)       | 1            |
| 20          | 93547        | Thread Tension Spring Cap        | 渦巻バネキャップ(上) | 1            |
| 21          | 90814        | Needle Thread Tension Spring     | 糸調子バネ(太)    | 1            |
| 22          | 93555        | Thread Tension Spring Retainer   | 渦巻バネキャップ(下) | 1            |
| 23          | 286          | Felt for 31111                   | フェルト        | 1            |
| 24          | 31111        | Tension Disc                     | 糸調子皿        | 2            |
| 25          | 9844         | Tension Post                     | 糸調子棒        | 1            |
| 26          | 90812        | Tension Post Ferrule             | 糸調子棒系摺レ     | 1            |
| 27          | 90856        | Tension Disc Eyelet              | 調子皿糸道       | 1            |
| 28          | 90807        | Thread Lead-in Guide             | 糸調子台糸道      | 1            |
| 29          | 813          | Nut for 9844                     | ナット         | 1            |

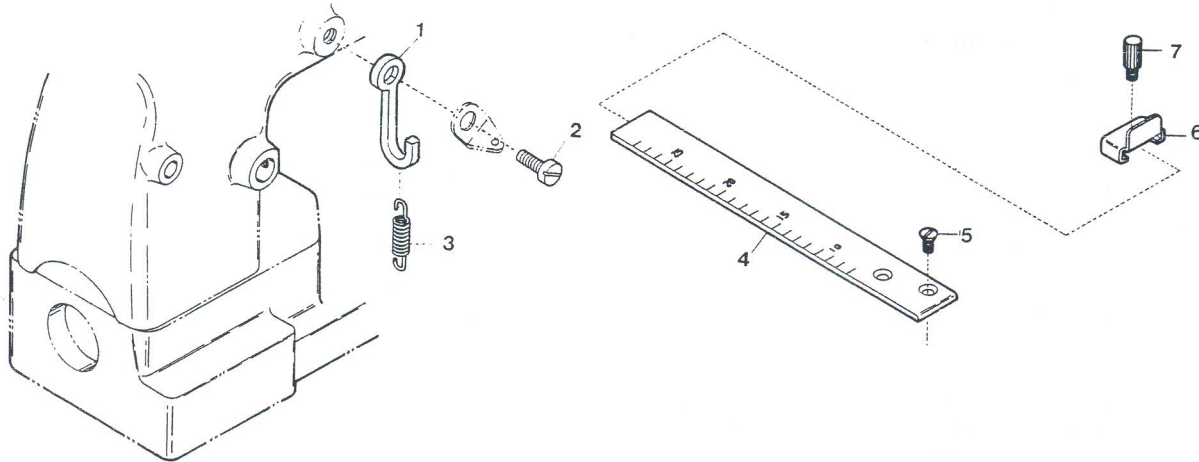
## DV-1409



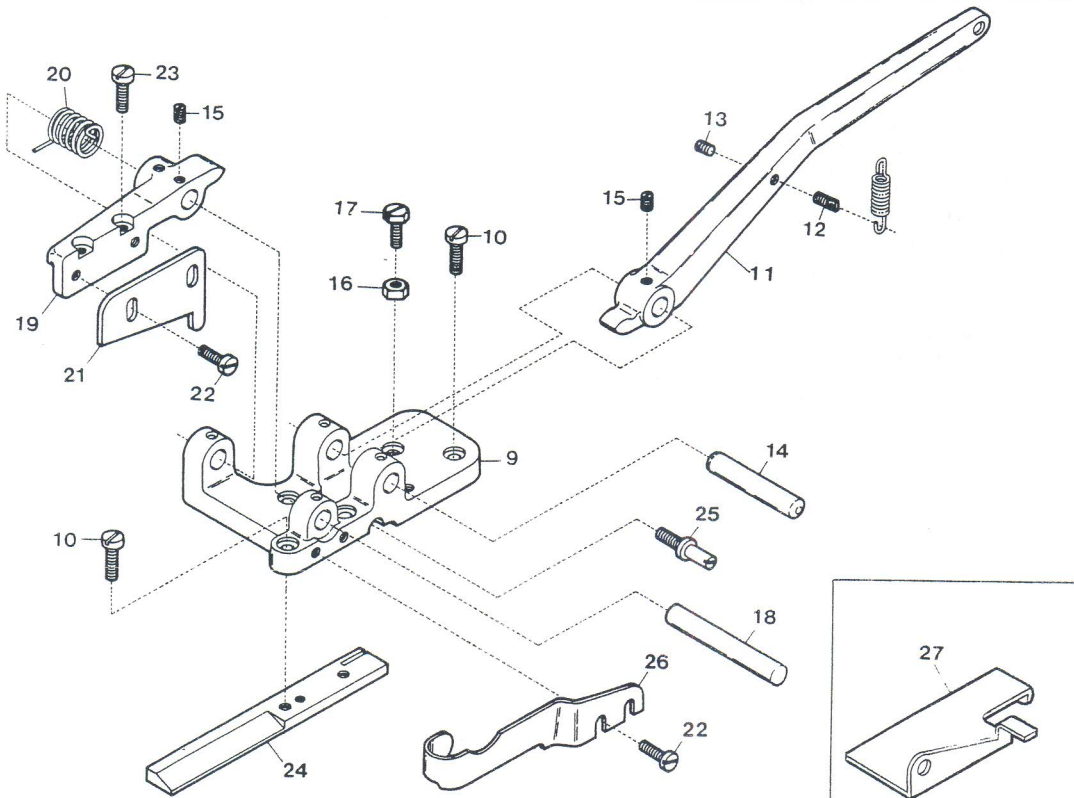
## DW-1509



## "FC" DEVICE

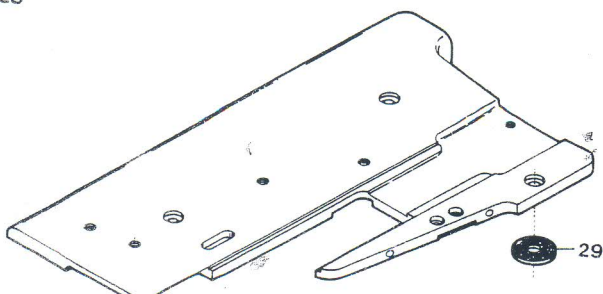


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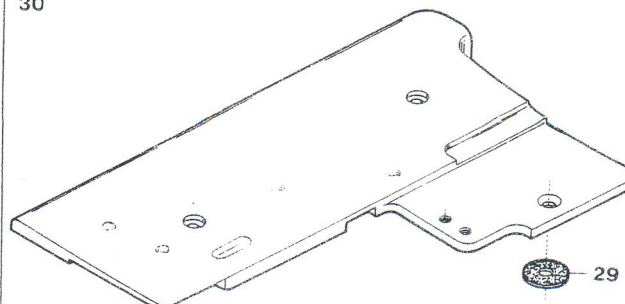
DV-1403 , DW-1503

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DV-1409 , DW-1509

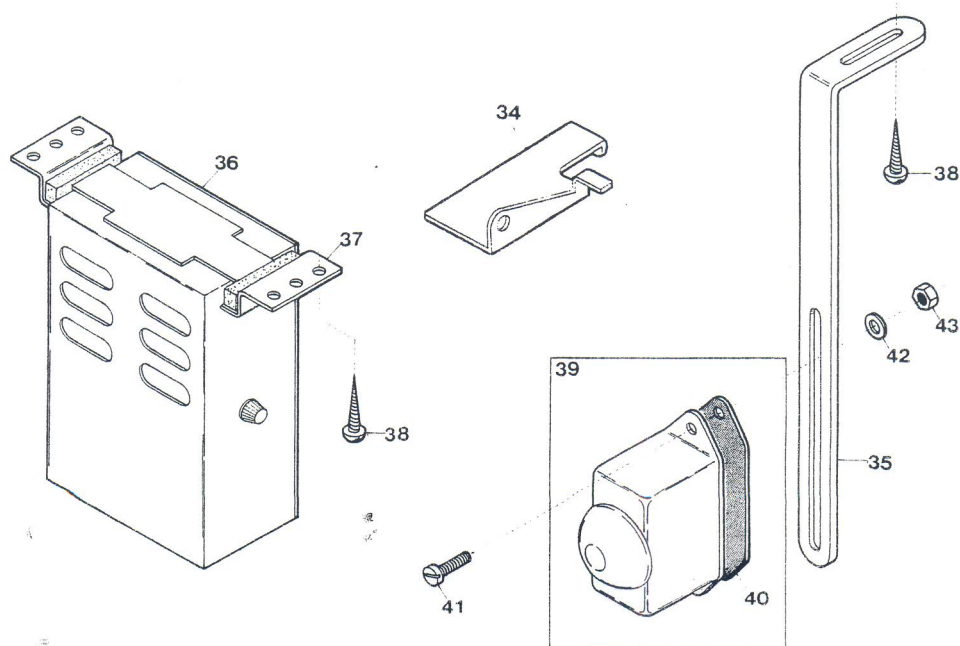
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| <i>Ref.<br/>No.</i> | <i>Parts<br/>No.</i> | <i>Description</i>                      | <i>品 名</i>             | <i>Amt.<br/>Req.</i> |
|---------------------|----------------------|-----------------------------------------|------------------------|----------------------|
| 1                   | 90711                | Cutting Knife Lever Spring Hanger ..... | テーブカッタレバーバネ掛け .....    | 1                    |
| 2                   | 7405                 | Screw for 90711 .....                   | テーブカッタレバーバネ掛け止ネジ ..... | 1                    |
| 3                   | 91842                | Cutting Knife Lever Spring .....        | テーブカッタレバーバネ .....      | 1                    |
| 4                   | 91845                | Measuring Gauge .....                   | メータ .....              | 1                    |
| 5                   | 5343                 | Screw for 91845 .....                   | メータ止ネジ .....           | 2                    |
| 6                   | 91846                | Slide Gauge .....                       | 指針 .....               | 1                    |
| 7                   | 6436                 | Screw for 91846 .....                   | 指針止ネジ .....            | 1                    |
| 8                   | 91844                | Cutting Device, Complete Set .....      | テーブカッタ装置 (組) .....     | 1                    |
| 9                   | 91832                | Cutting Device Holder .....             | テーブカッタ装置取付台 .....      | 1                    |
| 10                  | 1156                 | Screw for 91832, 91839 .....            | 止ネジ .....              | 4                    |
| 11                  | 91840                | Cutting Knife Lever .....               | テーブカッタレバー .....        | 1                    |
| 12                  | 6638                 | Screw for 91842 .....                   | バネ掛けネジ .....           | 2                    |
| 13                  | 3393                 | Screw for 6638 .....                    | バネ掛けネジストップネジ .....     | 1                    |
| 14                  | 91841                | Cutting Knife Lever Pin .....           | テーブカッタレバーピン .....      | 1                    |
| 15                  | 7650                 | Screw for 91841, 91834 .....            | 止ネジ .....              | 3                    |
| 16                  | 340                  | Positioning Nut for 91840 .....         | 位置決メナット .....          | 1                    |
| 17                  | 2308                 | Positioning Screw for 91840 .....       | テーブカッタレバー位置決メネジ .....  | 1                    |
| 18                  | 91835                | Cutting Knife Holder Pin .....          | テーブカッタ取付台ピン .....      | 1                    |
| 19                  | 91834                | Cutting Knife Holder .....              | テーブカッタ取付台 .....        | 1                    |
| 20                  | 91838                | Cutting Knife Spring .....              | テーブカッタバネ .....         | 1                    |
| 21                  | 91833                | Cutting Knife (Upper) .....             | テーブカッタ (上) .....       | 1                    |
| 22                  | 4440                 | Screw for 91833, 91837 .....            | 止ネジ .....              | 4                    |
| 23                  | 9150                 | Adjusting Screw for 91833 .....         | テーブカッタ (上) 調節ネジ .....  | 2                    |
| 24                  | 91839                | Cutting Knife (Lower) .....             | テーブカッタ (下) .....       | 1                    |
| 25                  | 6245                 | Adjusting Screw for 91839 .....         | テーブカッタ (下) 調節ネジ .....  | 1                    |
| 26                  | 91837                | Cutting Knife Guide Holder .....        | テーブカッタ案内取付台 .....      | 1                    |
| 27                  | 92298                | Fabric Guide .....                      | 布案内 .....              | 1                    |
| 28                  | 95191                | Cloth Plate, Complete Set .....         | 大カバー (組) .....         | 1                    |
| 29                  | 95184                | Cloth Plate Felt .....                  | 大カバーフェルト .....         | 3                    |
| 30                  | 95248                | Cloth Plate, Complete Set .....         | 大カバー (組) .....         | 1                    |

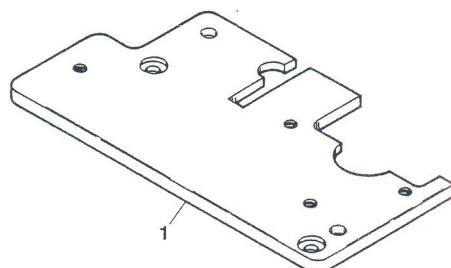
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| Ref.<br>No. | Parts<br>No. | Description                                   | 品 名                | Amt.<br>Req. |
|-------------|--------------|-----------------------------------------------|--------------------|--------------|
| 1           | 92280        | EC Device, Complete Set .....                 | E C 装置(組).....     | 1            |
| 2           | 92297        | EC Cutting Device, Complete Set .....         | カッタ装置(組).....      | 1            |
| 3           | 92281        | Cutting Device Basement .....                 | カッタ装置台.....        | 1            |
| 4           | 5115         | Screw for 92281, 92288 .....                  | 止ネジ.....           | 3            |
| 5           | 11789        | Solenoid .....                                | ソレノイド.....         | 1            |
| 6           | 528          | Washer for 11789 .....                        | ワッシャ.....          | 2            |
| 7           | 11           | Nut for 11789 .....                           | ナット.....           | 4            |
| 8           | 60248        | Cord Clamp .....                              | コードクランプ.....       | 1            |
| 9           | 532          | Washer for 60248 .....                        | ワッシャ.....          | 1            |
| 10          | 1175         | Screw for 60248 .....                         | コードクランプ止ネジ.....    | 1            |
| 11          | 92288        | Cutting Knife Connecting Lever .....          | カッタ腕.....          | 1            |
| 12          | 92286        | Sliding Block .....                           | 角駒.....            | 1            |
| 13          | 92287        | Sliding Block Pin .....                       | 角駒軸.....           | 1            |
| 14          | 3638         | Screw for 92287, 92294 .....                  | 止ネジ.....           | 3            |
| 15          | 92282        | Upper Cutting Knife Holder .....              | カッタ(上)ホルダ.....     | 1            |
| 16          | 3635         | Screw for 92282, 92293 .....                  | 止ネジ.....           | 4            |
| 17          | 92284        | Upper Cutting Knife .....                     | カッタ(上).....        | 1            |
| 18          | 538          | Washer for 92284 .....                        | ワッシャ.....          | 2            |
| 19          | 2308         | Screw for 92284 .....                         | カッタ(上)止ネジ.....     | 2            |
| 20          | 9150         | Adjusting Screw for 92284 .....               | カッタ(上)調節ネジ.....    | 2            |
| 21          | 6245         | Adjusting Screw for 92285 .....               | カッタ(下)調節ネジ.....    | 1            |
| 22          | 92283        | Upper Cutting Knife Holder Shaft .....        | カッタ(上)ホルダ軸.....    | 1            |
| 23          | 92294        | Upper Cutting Knife Press Spring Collar ..... | カッタ(上)押シバネカラー..... | 1            |
| 24          | 92292        | Upper Cutting Knife Press Spring .....        | カッタ(上)押シバネ.....    | 1            |
| 25          | 498          | Washer for 92292 .....                        | ワッシャ.....          | 1            |
| 26          | 92291        | Upper Cutting Knife Return Spring .....       | カッタ(上)戻シバネ.....    | 1            |
| 27          | 5512         | Screw for 92293 .....                         | バネ掛け止ネジ.....       | 1            |
| 28          | 92293        | Upper Cutting Knife Return Spring Latch ..... | バネ掛け.....          | 1            |
| 29          | 92285        | Lower Cutting Knife .....                     | カッタ(下).....        | 1            |
| 30          | 530          | Washer for 92285 .....                        | ワッシャ.....          | 2            |
| 31          | 5550         | Screw for 92285 .....                         | カッタ(下)止ネジ.....     | 2            |
| 32          | 92289        | Cutting Knife Cover .....                     | カッタカバー.....        | 1            |
| 33          | 4440         | Screw for 92289 .....                         | カッタカバー止ネジ.....     | 2            |
| 34          | 92298        | Fabric Guide .....                            | 布案内.....           | 1            |
| 35          | 92232        | Knee Switch Holder .....                      | 膝スイッチ取付板.....      | 1            |
| 36          | 11914        | Control Box .....                             | コントロールボックス.....    | 1            |
| 37          | 11709        | Control Box Stay .....                        | コントロールボックスステー..... | 2            |
| 38          | 6910         | Wood Screw for 11709, 92232 .....             | 木ネジ.....           | 6            |
| 39          | 11778        | Knee Switch, Complete Set .....               | 膝スイッチ(組).....      | 1            |
| 40          | 35705        | Knee Switch Plate .....                       | 膝スイッチ裏蓋.....       | 1            |
| 41          | 4441         | Screw for 11778 .....                         | 膝スイッチ(組)止ネジ.....   | 2            |
| 42          | 541          | Washer for 11778 .....                        | ワッシャ.....          | 2            |
| 43          | 334          | Nut for 11778 .....                           | ナット.....           | 2            |

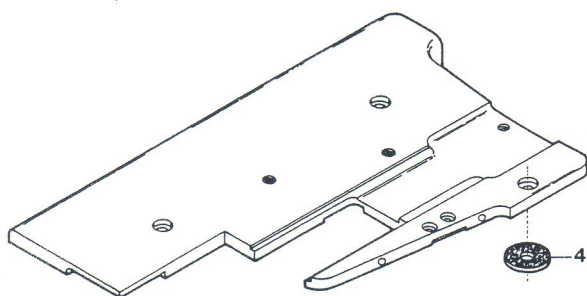


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*DW-1503/EC,-1509/EC*



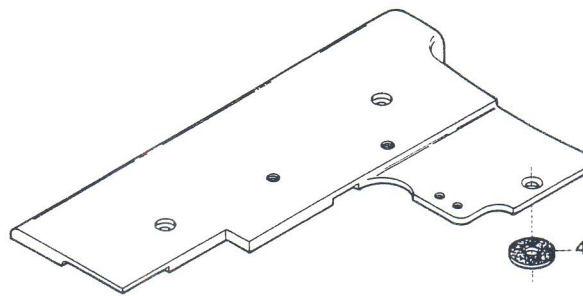
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*DW-1503/EC*

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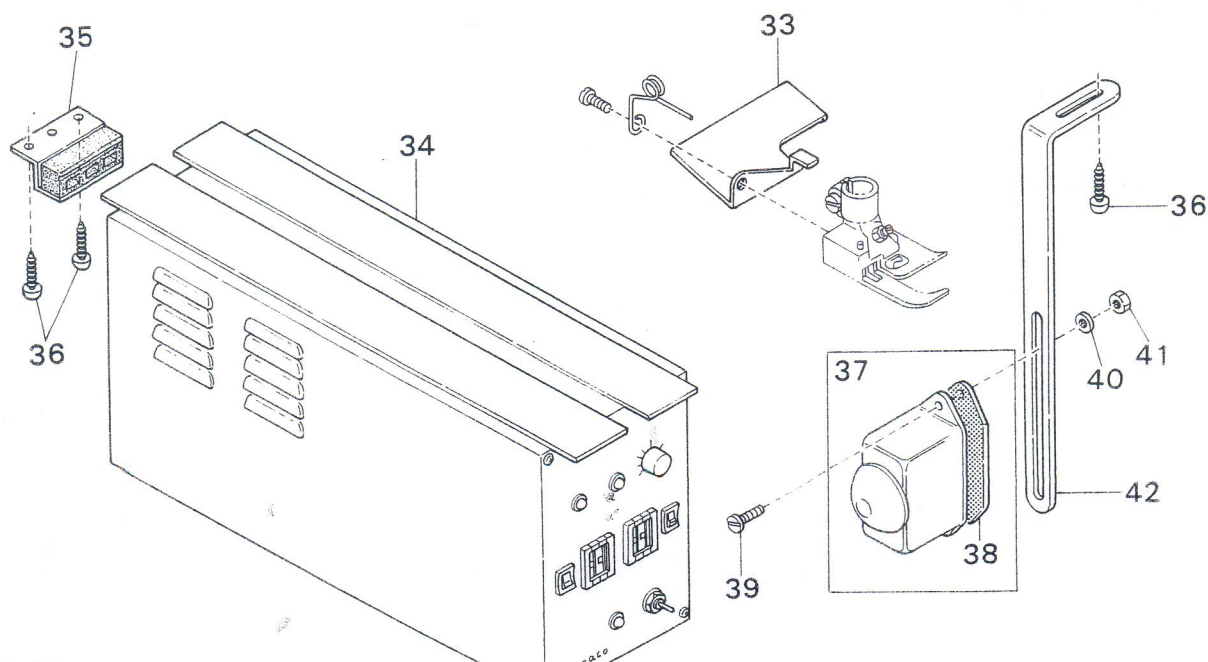


*DV-1409/EC*  
*DW-1509/EC*

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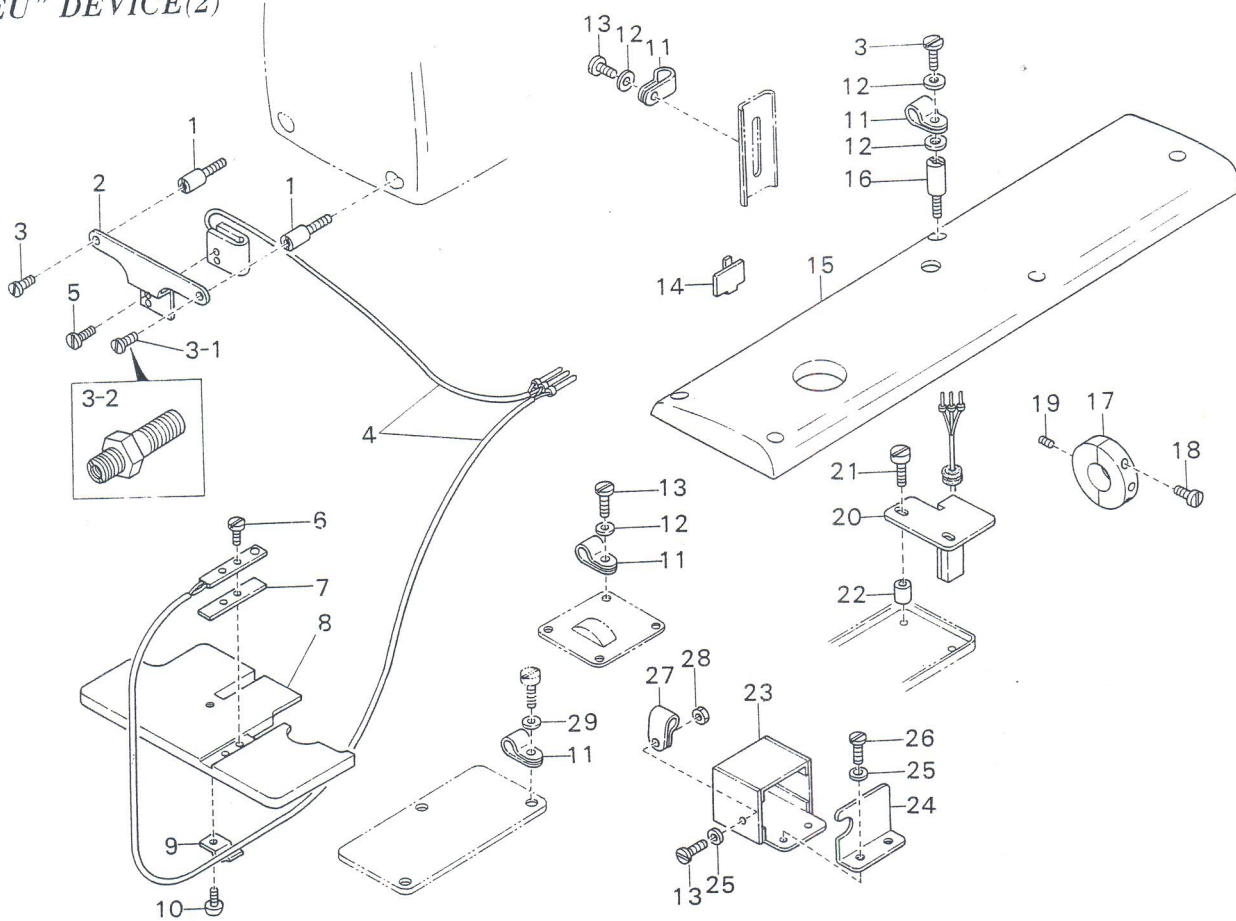
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|---------------------------|----------------------------|---------------------------------|---------------|----------------------------|
| 1                         | 92275                      | Stitch Plate Supporter .....    | 針板取付板.....    | 1                          |
| 2                         | 95188                      | Cloth Plate, Complete Set ..... | 大カバー (組)..... | 1                          |
| 3                         | 95301                      | Cloth Plate, Complete Set ..... | 大カバー (組)..... | 1                          |
| 4                         | 95184                      | Cloth Plate Felt .....          | 大カバーフェルト..... | 3                          |



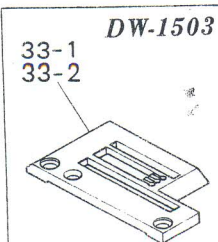
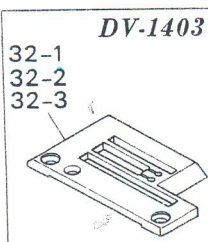
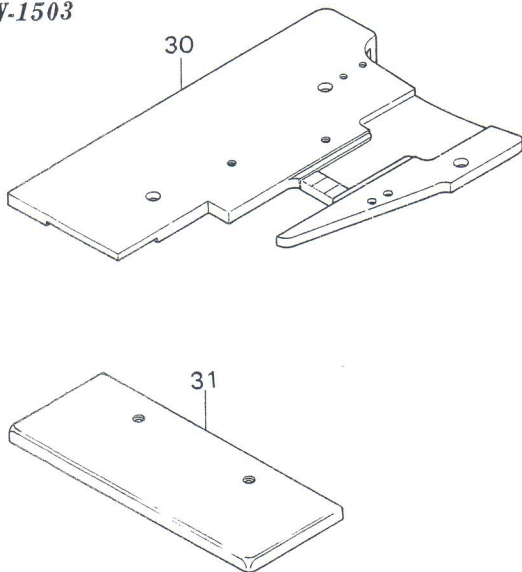


| ef.<br>Vo. | Parts<br>No. | Description                             | 品 名           | Amt.<br>Req. |
|------------|--------------|-----------------------------------------|---------------|--------------|
| 1          | 92303        | EU Cutting Device, Complete Set         | カッタ装置(組)      | 1            |
| 2          | 92281        | Cutting Device Basement                 | カッタ装置台        | 1            |
| 3          | 5115         | Screw for 92281, 92288                  | 止ネジ           | 3            |
| 4          | 11826        | Solenoid                                | ソレノイド         | 1            |
| 5          | 528          | Washer for 11826                        | ワッシャ          | 2            |
| 6          | 11           | Nut for 11826                           | ナット           | 4            |
| 7          | 60248        | Cord Clamp                              | コードクランプ       | 1            |
| 8          | 532          | Washer for 60248                        | ワッシャ          | 1            |
| 9          | 1175         | Screw for 60248                         | コードクランプ止ネジ    | 1            |
| 10         | 92288        | Cutting Knife Connecting Lever          | カッタ腕          | 1            |
| 11         | 92286        | Sliding Block                           | 角駒            | 1            |
| 12         | 92287        | Sliding Block Pin                       | 角駒軸           | 1            |
| 13         | 3638         | Screw for 92287, 92294                  | 止ネジ           | 3            |
| 14         | 92282        | Upper Cutting Knife Holder              | カッタ(上)ホルダ     | 1            |
| 15         | 3635         | Screw for 92282, 92293                  | 止ネジ           | 4            |
| 16         | 92284        | Upper Cutting Knife                     | カッタ(上)        | 1            |
| 17         | 538          | Washer for 92284                        | ワッシャ          | 2            |
| 18         | 2308         | Screw for 92284                         | カッタ(上)止ネジ     | 2            |
| 19         | 9150         | Adjusting Screw for 92284               | カッタ(上)調節ネジ    | 2            |
| 20         | 6245         | Adjusting Screw for 92285               | カッタ(下)調節ネジ    | 1            |
| 21         | 92283        | Upper Cutting Knife Holder Shaft        | カッタ(上)ホルダ軸    | 1            |
| 22         | 92294        | Upper Cutting Knife Press Spring Collar | カッタ(上)押シバネカラー | 1            |
| 23         | 92292        | Upper Cutting Knife Press Spring        | カッタ(上)押シバネ    | 1            |
| 24         | 498          | Washer for 92292                        | ワッシャ          | 1            |
| 25         | 92291        | Upper Cutting Knife Return Spring       | カッタ(上)戻シバネ    | 1            |
| 26         | 5512         | Screw for 92293                         | バネ掛け止ネジ       | 1            |
| 27         | 92293        | Upper Cutting Knife Return Spring Latch | バネ掛け          | 1            |
| 28         | 92285        | Lower Cutting Knife                     | カッタ(下)        | 1            |
| 29         | 530          | Washer for 92285                        | ワッシャ          | 2            |
| 30         | 5550         | Screw for 92285                         | カッタ(下)止ネジ     | 2            |
| 31         | 92289        | Cutting Knife Cover                     | カッタカバー        | 1            |
| 32         | 4440         | Screw for 92289                         | カッタカバー止ネジ     | 2            |
| 33         | 92298        | Fabric Guide                            | テープ案内板        | 1            |
| 34         | 11822        | Control Box, Complete Set               | コントロールボックス(組) | 1            |
| 35         | 11709        | Control Box Stay                        | コントロールボックススティ | 2            |
| 36         | 6910         | Screw for 11709, 92232                  | 木ネジ           | 6            |
| 37         | 11824        | Knee Switch, Complete Set               | 膝スイッチ(組)      | 1            |
| 38         | 35705        | Knee Switch Plate                       | 膝スイッチ裏蓋       | 1            |
| 39         | 4441         | Screw for 11824                         | 膝スイッチ(組)止ネジ   | 2            |
| 40         | 541          | Washer for 11824                        | ワッシャ          | 2            |
| 41         | 334          | Nut for 11824                           | ナット           | 2            |
| 42         | 92232        | Knee Switch Holder                      | 膝スイッチ取付板      | 1            |

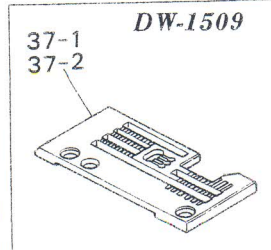
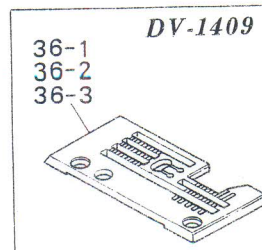
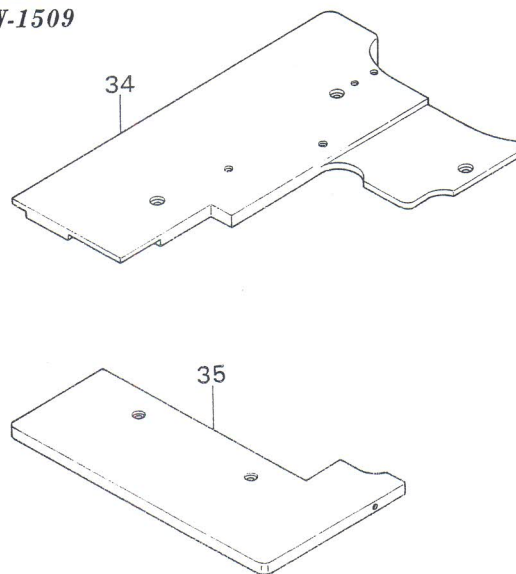
## "EU" DEVICE(2)



DV-1403  
DW-1503



DV-1409  
DW-1509

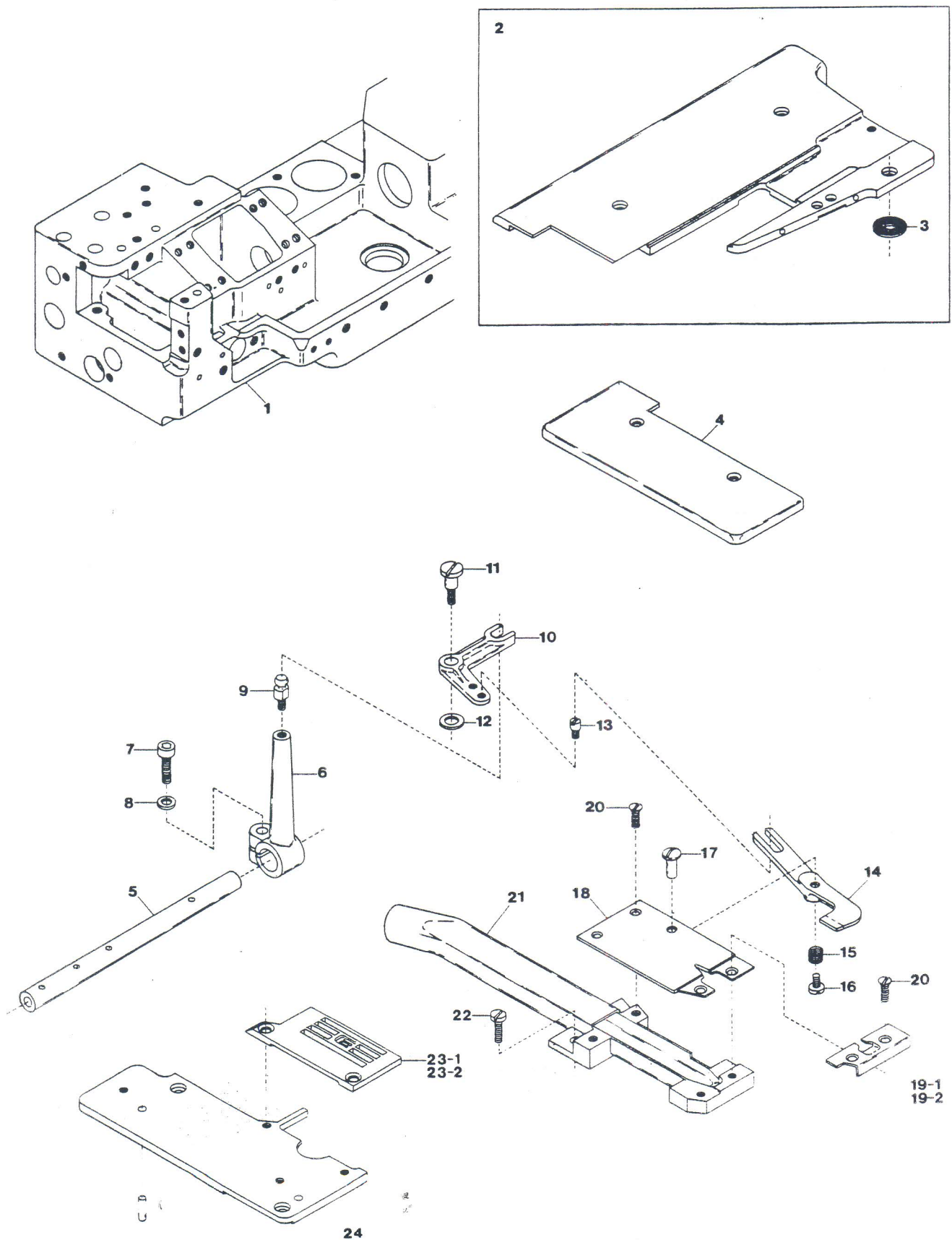




| Ref.<br>No. | Parts<br>No. | Description                                       | 品 名                  | Amt.<br>Req. |
|-------------|--------------|---------------------------------------------------|----------------------|--------------|
| 1           | 5490         | Screw for Head Cover .....                        | 面蓋止ネジ .....          | 2            |
| 2           | 92300        | Photo-cell Holder .....                           | 投光台取付板 .....         | 1            |
| 3-1         | 4353         | Screw for 92300, 94491 .....                      | 止ネジ .....            | 3            |
| 3-2         | 6852         | Screw for 92300 (for DV-1409, DW-1509 Only) ..... | 投光台取付板止ネジ .....      | 1            |
| 4           | 92349        | Photoelectric Switch, Complete Set .....          | 光電スイッチ(組) .....      | 1            |
| 5           | 4314         | Screw for 92349 .....                             | 光電スイッチ(組)止ネジ .....   | 2            |
| 6           | 4404         | Screw for 92349 .....                             | 光電スイッチ(組)止ネジ .....   | 2            |
| 7           | 92335        | Insulating Paper .....                            | 絶縁紙 .....            | 1            |
| 8           | 92348        | Stitch Plate Support .....                        | 針板取付板 .....          | 1            |
| 9           | 92334        | Cord Clamp .....                                  | コードクランプ .....        | 1            |
| 10          | 4127         | Screw for 92334 .....                             | コードクランプ止ネジ .....     | 1            |
| 11          | 94491        | Cord Clamp .....                                  | コードクランプ .....        | 4            |
| 12          | 532          | Washer for 94491 .....                            | ワッシャ .....           | 4            |
| 13          | 4352         | Screw for 94491, 36133 .....                      | コードクランプ止ネジ .....     | 3            |
| 14          | 35767        | Cord Stay .....                                   | コード支エ(大) .....       | 2            |
| 15          | 92309        | Top Cover .....                                   | 上カバー .....           | 1            |
| 16          | 5491         | Screw for 92309 .....                             | 上カバー止ネジ .....        | 1            |
| 17          | 92307        | Magnet Holding Ring Unit .....                    | マグネット取付台(組) .....    | 1            |
| 18          | 7609         | Screw for 92307 .....                             | マグネット取付台(組)止ネジ ..... | 2            |
| 19          | 4133         | Screw for 92307 .....                             | マグネット取付台(組)止ネジ ..... | 1            |
| 20          | 92308        | IC, Complete Set .....                            | ホールIC(組) .....       | 1            |
| 21          | 1923         | Screw for 92308 .....                             | ホールIC(組)止ネジ .....    | 2            |
| 22          | 515          | Spacer for 92308 .....                            | スペーサ .....           | 2            |
| 23          | 11840        | Connector Case .....                              | コネクタケース .....        | 1            |
| 24          | 11841        | Connector Case Lid .....                          | コネクタケース蓋 .....       | 1            |
| 25          | 550          | Washer for 11841 .....                            | ワッシャ .....           | 2            |
| 26          | 4440         | Screw for 11841 .....                             | コネクタケース蓋止ネジ .....    | 2            |
| 27          | 36133        | Cord Clamp .....                                  | コードクランプ .....        | 1            |
| 28          | 335          | Nut for 36133 .....                               | ナット .....            | 1            |
| 29          | 530          | Washer for 94491 .....                            | ワッシャ .....           | 1            |
| 30          | 92344        | Cloth Plate .....                                 | 大カバー .....           | 1            |
| 31          | 92313        | Cloth Plate (Small) .....                         | 小カバー .....           | 1            |
| 32-1        | 92324        | Stitch Plate (A) .....                            | 針板(A) .....          | 1            |
| 32-2        | 92325        | " " (B) .....                                     | 〃 (B) .....          | 1            |
| 32-3        | 92326        | " " (C) .....                                     | 〃 (C) .....          | 1            |
| 33-1        | 92330        | " " (D) .....                                     | 〃 (D) .....          | 1            |
| 33-2        | 92331        | " " (E) .....                                     | 〃 (E) .....          | 1            |
| 34          | 92345        | Cloth Plate .....                                 | 大カバー .....           | 1            |
| 35          | 92314        | Cloth Plate (Small) .....                         | 小カバー .....           | 1            |
| 36-1        | 92327        | Stitch Plate (A) .....                            | 針板(A) .....          | 1            |
| 36-2        | 92328        | " " (B) .....                                     | 〃 (B) .....          | 1            |
| 36-3        | 92329        | " " (C) .....                                     | 〃 (C) .....          | 1            |
| 37-1        | 92332        | " " (D) .....                                     | 〃 (D) .....          | 1            |
| 37-2        | 92333        | " " (E) .....                                     | 〃 (E) .....          | 1            |

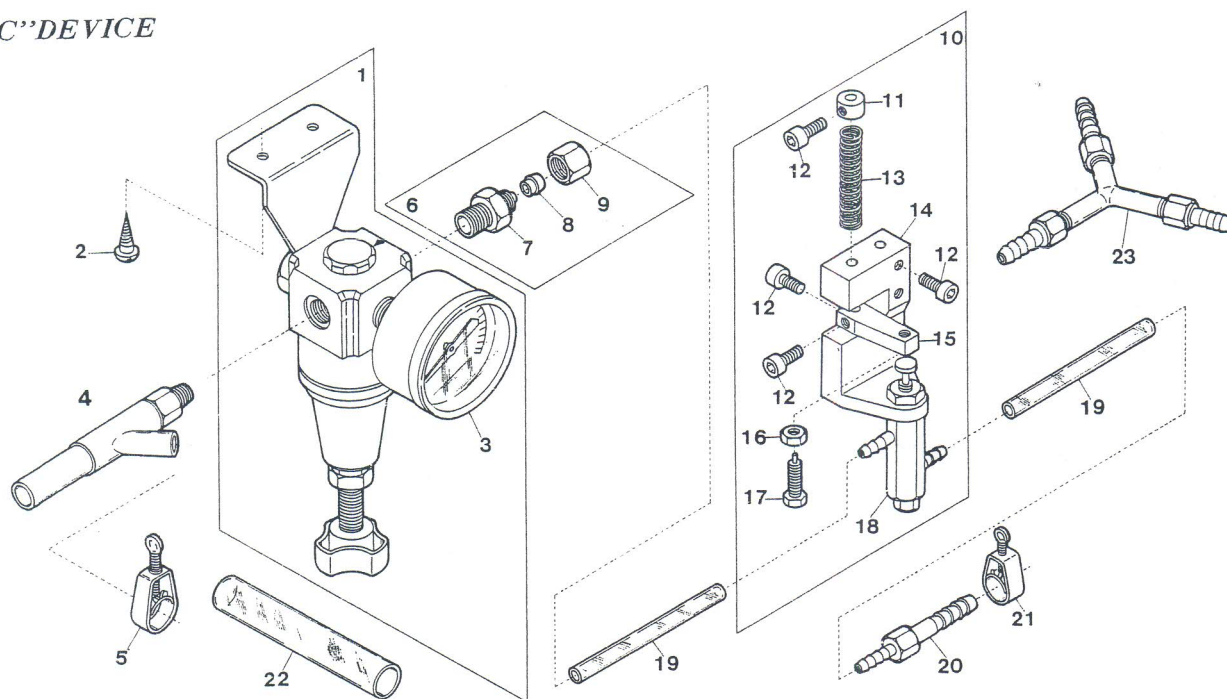


## "K1" DEVICE



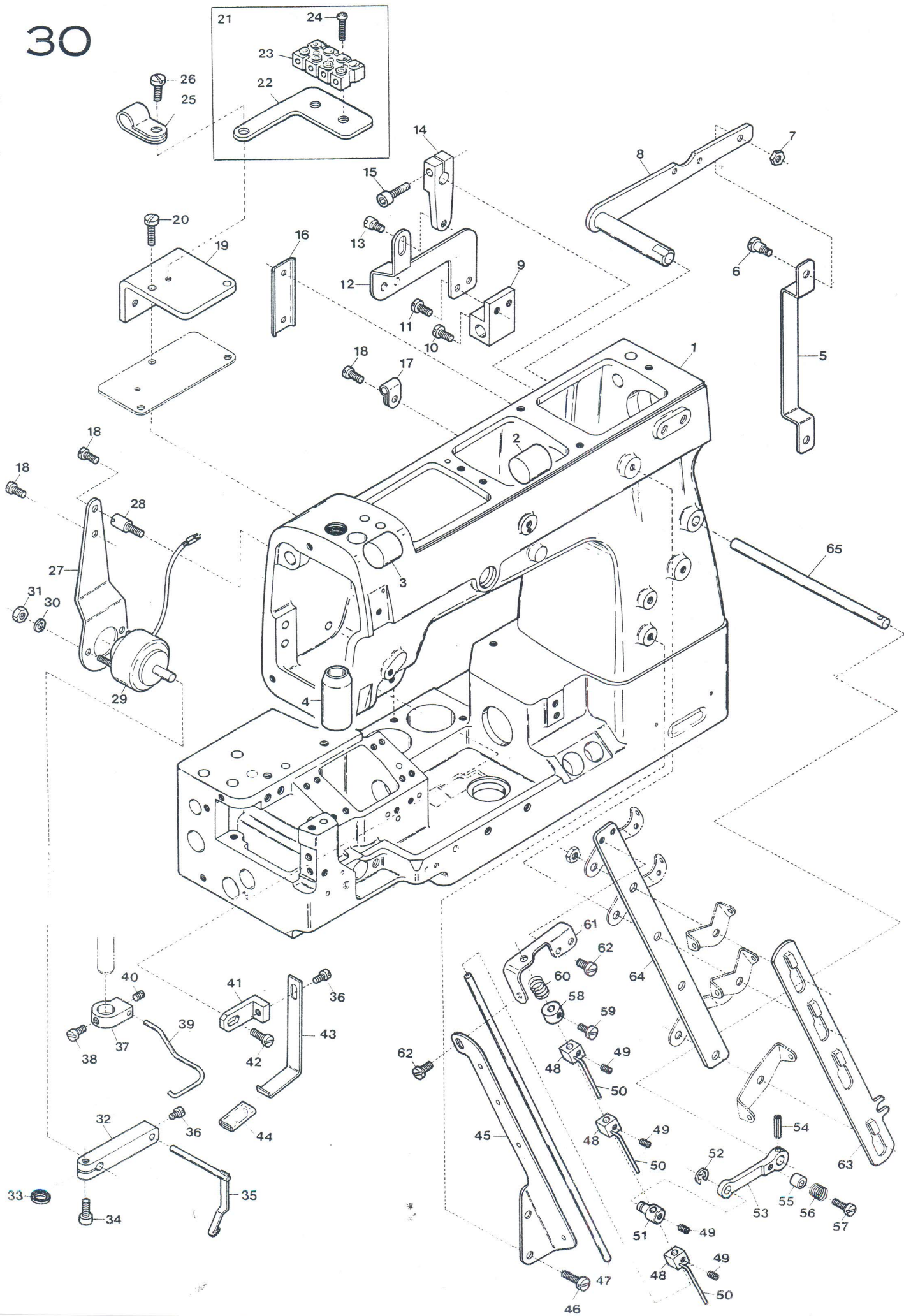
| <u>Ref.</u><br><u>No.</u> | <u>Parts</u><br><u>No.</u> | <u>Description</u>                           | <u>品 名</u>      | <u>Amt.</u><br><u>Req.</u> |
|---------------------------|----------------------------|----------------------------------------------|-----------------|----------------------------|
| 1                         | 95451                      | Machine Frame, Complete Set .....            | アームベッド(組) ..... | 1                          |
| 2                         | 95474                      | Cloth Plate, Complete Set .....              | 大カバー(組) .....   | 1                          |
| 3                         | 95184                      | Cloth Plate Felt .....                       | 大カバーフェルト .....  | 3                          |
| 4                         | 95453                      | Cloth Plate (Small) .....                    | 小カバー .....      | 1                          |
| 5                         | 95470                      | Feed Bar Driving Shaft .....                 | 送り軸 .....       | 1                          |
| 6                         | 95467                      | Cutting Knife Driving Lever .....            | 下刃レバー .....     | 1                          |
| 7                         | 5108                       | Screw for 95467 .....                        | 下刃レバー止ネジ .....  | 1                          |
| 8                         | 567                        | Washer for 95467 .....                       | ワッシャ .....      | 1                          |
| 9                         | 95468                      | Ball Stud .....                              | 球 .....         | 1                          |
| 10                        | 95466                      | Cutting Knife Driving Link .....             | 下刃リンク .....     | 1                          |
| 11                        | 9160                       | Screw for 95466 .....                        | 下刃リンク止ネジ .....  | 1                          |
| 12                        | 101                        | Washer for 95466 .....                       | ワッシャ .....      | 1                          |
| 13                        | 5572                       | Guide Pin for 95463 .....                    | 下刃ガイドピン .....   | 1                          |
| 14                        | 95463                      | Chain-off Cutting Knife (Lower) .....        | 下刃 .....        | 1                          |
| 15                        | 95464                      | Chain-off Cutting Knife (Lower) Spring ..... | 下刃バネ .....      | 1                          |
| 16                        | 5571                       | Screw for 95464 .....                        | 下刃バネ止ネジ .....   | 1                          |
| 17                        | 95465                      | Cutting Knife Holder Pin .....               | 下刃支持ピン .....    | 1                          |
| 18                        | 95462                      | Chain-off Cutting Plate .....                | カッチングプレート ..... | 1                          |
| 19-1                      | 95471                      | Chain-off Guide (Small Mouth) .....          | 口金(小) .....     | 1                          |
| 19-2                      | 95472                      | " " (Large Mouth) .....                      | 口金(大) .....     | 1                          |
| 20                        | 5328                       | Screw for 95462, 95471 (95472) .....         | 止ネジ .....       | 4                          |
| 21                        | 95458                      | Suction Pipe Unit .....                      | 吸込管(組) .....    | 1                          |
| 22                        | 4440                       | Screw for 95458 .....                        | 吸込管(組)止ネジ ..... | 2                          |
| 23-1                      | 95456                      | Stitch Plate (D) .....                       | 針板(D) .....     | 1                          |
| 23-2                      | 95457                      | " " (E) .....                                | 針板(E) .....     | 1                          |
| 24                        | 95455                      | Stitch Plate Support .....                   | 針板取付板 .....     | 1                          |

## "C" DEVICE





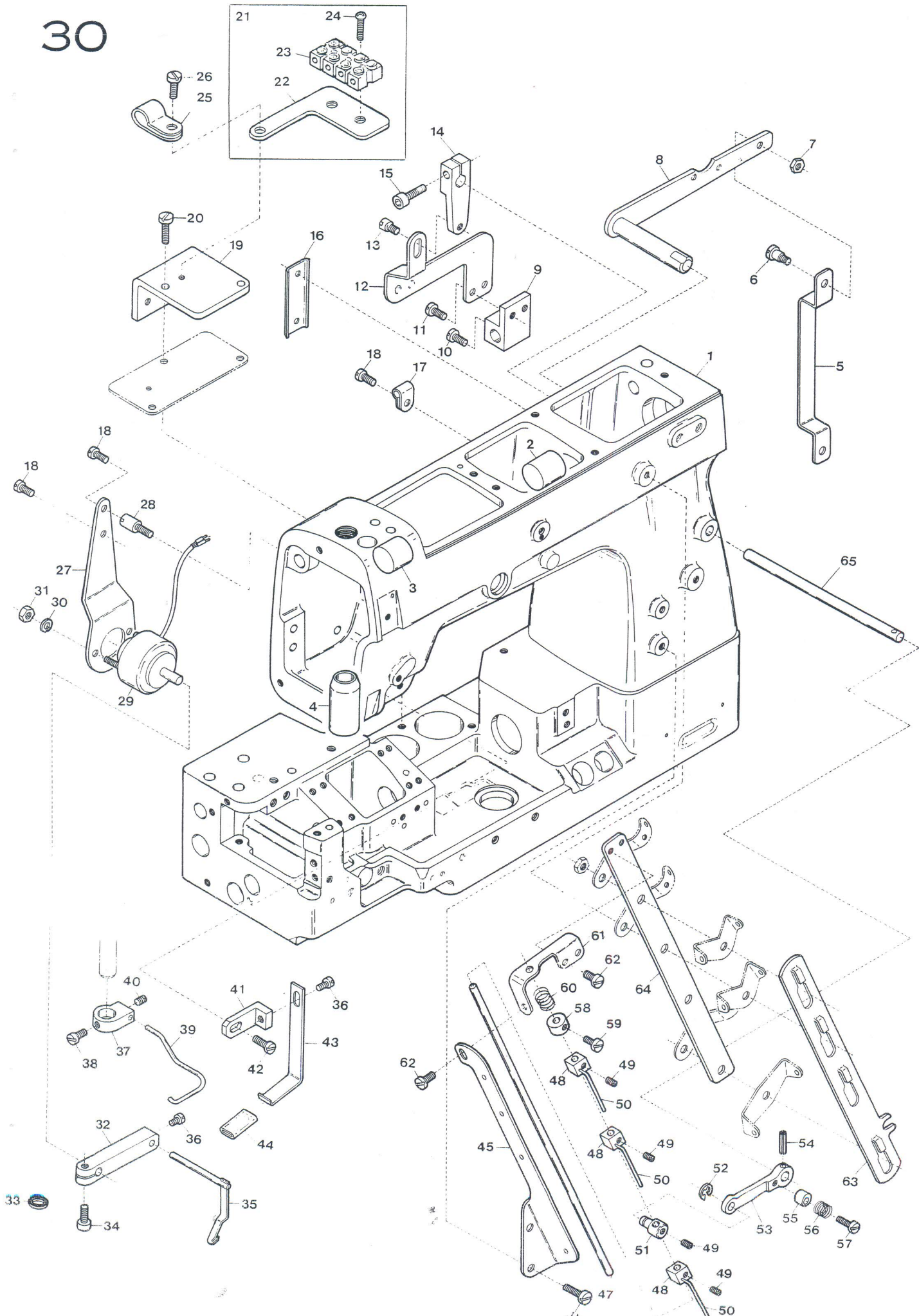
| <i>Ref.<br/>No.</i> | <i>Parts<br/>No.</i> | <i>Description</i>                                     | <i>品 名</i>                           | <i>Amt.<br/>Req.</i> |
|---------------------|----------------------|--------------------------------------------------------|--------------------------------------|----------------------|
| 1                   | 33925                | Regulator, Complete Set .....                          | レギュレータ(組).....                       | 1                    |
| 2                   | 6905                 | Screw for 33925 .....                                  | レギュレータ(組)止ネジ.....                    | 2                    |
| 3                   | 33928                | Pressure Gauge .....                                   | プレッシャーゲージ.....                       | 1                    |
| 4                   | 10100                | Venturi Tube, Complete Set .....                       | ベンチュリー管(組).....                      | 1                    |
| 5                   | 33940                | Hose Band $\frac{3}{8}$ inch .....                     | ホースバンド $\frac{3}{8}$ インチ.....        | 1                    |
| 6                   | 33931                | Mouth-Piece, Complete Set, PT $\frac{1}{8}$ inch ..... | ストレートジョイント(組) $\frac{1}{8}$ インチ..... | 1                    |
| 7                   | 33949                | Mouth-Piece, PT $\frac{1}{8}$ inch .....               | ストレートジョイント $\frac{1}{8}$ インチ.....    | 1                    |
| 8                   | 33951                | Pipe Holder .....                                      | ナイロンホルダ.....                         | 1                    |
| 9                   | 33950                | Nut for Straight Joint .....                           | ナット.....                             | 1                    |
| 10                  | 33953                | Air Valve, Complete Set .....                          | エアバルブ(組).....                        | 1                    |
|                     |                      |                                                        | エアバルブ補助バネカラー.....                    | 1                    |
| 11                  | 33938                | Collar for 33937 .....                                 |                                      |                      |
| 12                  | 5040                 | Screw for 33938, 33936, 33935.....                     | 止ネジ.....                             | 5                    |
| 13                  | 33937                | Return Spring for Air Valve Stopper .....              | エアバルブ補助バネ.....                       | 1                    |
| 14                  | 33936                | Holder for Air Valve .....                             | エアバルブ取付台.....                        | 1                    |
| 15                  | 33935                | Air Valve Stopper .....                                | エアバルブストッパ.....                       | 1                    |
| 16                  | 334                  | Nut for 33935 .....                                    | ナット.....                             | 1                    |
| 17                  | 5505                 | Screw for 33935 .....                                  | エアバルブストッパ調節ネジ.....                   | 1                    |
| 18                  | 33934                | Air Valve .....                                        | エアバルブ.....                           | 1                    |
| 19                  | 33941                | Nylon Hose 4 $\phi$ .....                              | ナイロンホース 4 $\phi$ .....               | 2                    |
| 20                  | 33932                | Joint, for Single Head .....                           | ジョイント(ミシンが1台の時のみ使用).....             | 1                    |
| 21                  | 33939                | Hose Band, $\frac{1}{4}$ inch .....                    | ホースバンド $\frac{1}{4}$ インチ.....        | 3                    |
| 22                  | 33942                | Nylon Hose 12 $\phi$ .....                             | ナイロンホース12 $\phi$ .....               | 1                    |
| 23                  | 33933                | Three Pronged Joint, for Plural Heads .....            | 三又ジョイント(ミシンが2台以上の時使用).....           | 1                    |



| Ref.<br>No. | Parts<br>No. | Description                            | 品 名               | Amt.<br>Req. |
|-------------|--------------|----------------------------------------|-------------------|--------------|
| 1           | 95319        | Machine Frame, Complete Set .....      | アームベッド(組).....    | 1            |
| 2           | 94605        | Seal Plug(Right) .....                 | 詰栓(右).....        | 1            |
| 3           | 94604        | Seal Plug(Left) .....                  | 詰栓(左).....        | 1            |
| 4           | 94606        | Presser Bar Bushing .....              | 押工棒ブッシュ.....      | 1            |
| 5           | 95344        | Presser Foot Lifter .....              | 押工揚げ.....         | 1            |
| 6           | 6068         | Screw for 95344 .....                  | 押工揚げ止ネジ.....      | 1            |
| 7           | 335          | Nut for 95344 .....                    | ナット.....          | 1            |
| 8           | 94478        | Presser Foot Lifter Lever .....        | 膝揚げレバー.....       | 1            |
| 9           | 95333        | Tension Release Block .....            | 糸緩メブロック.....      | 1            |
| 10          | 9932         | Screw for 95333 .....                  | 糸緩メブロック止ネジ.....   | 1            |
| 11          | 4651         | Screw for 95331 .....                  | 糸緩メ連結板止ネジ.....    | 1            |
| 12          | 95331        | Tension Release Connecting Plate ..... | 糸緩メ連結板.....       | 1            |
| 13          | 6237         | Guide Screw for 95331 .....            | 糸緩メ連結板ガイドネジ.....  | 1            |
| 14          | 95330        | Tension Release Lever .....            | 糸緩メ腕.....         | 1            |
| 15          | 5550         | Screw for 95330 .....                  | 糸緩メ腕止ネジ.....      | 1            |
| 16          | 94603        | Back Closing Cover .....               | アームダストカバー.....    | 1            |
| 17          | 94491        | Cord Clamp .....                       | コードクランプ.....      | 2            |
| 18          | 4353         | Screw for 94491, 95322 .....           | 止ネジ.....          | 3            |
| 19          | 95345        | Cloth Plate Stay .....                 | 大カバー支エ.....       | 1            |
| 20          | 7311         | Screw for 95345 .....                  | 大カバー支エ止ネジ.....    | 2            |
| 21          | 95377        | Terminal Holder Unit .....             | 端子台(組).....       | 1            |
| 22          | 95378        | Terminal Holder Support .....          | 端子台取付板.....       | 1            |
| 23          | 95377        | Terminal Holder Unit .....             | 端子台(組).....       | 1            |
| 24          | 9985         | Screw for 95377 .....                  | 端子台(組)止ネジ.....    | 2            |
| 25          | 63612        | Cord Clamp .....                       | コードクランプ.....      | 1            |
| 26          | 9508         | Screw for 63612 .....                  | コードクランプ止ネジ.....   | 1            |
| 27          | 95322        | Wiper Solenoid Bracket .....           | ソレノイド取付板.....     | 1            |
| 28          | 5490         | Screw for 95322 .....                  | ソレノイド取付板受ケネジ..... | 2            |
| 29          | 11737        | Wiper Solenoid .....                   | ワイパソレノイド.....     | 1            |
| 30          | 2            | Spring Washer for 11737 .....          | スプリングワッシャ.....    | 2            |

※ Ref. No. 31 to 65..... See the following page.





# “UT” DEVICE(1)

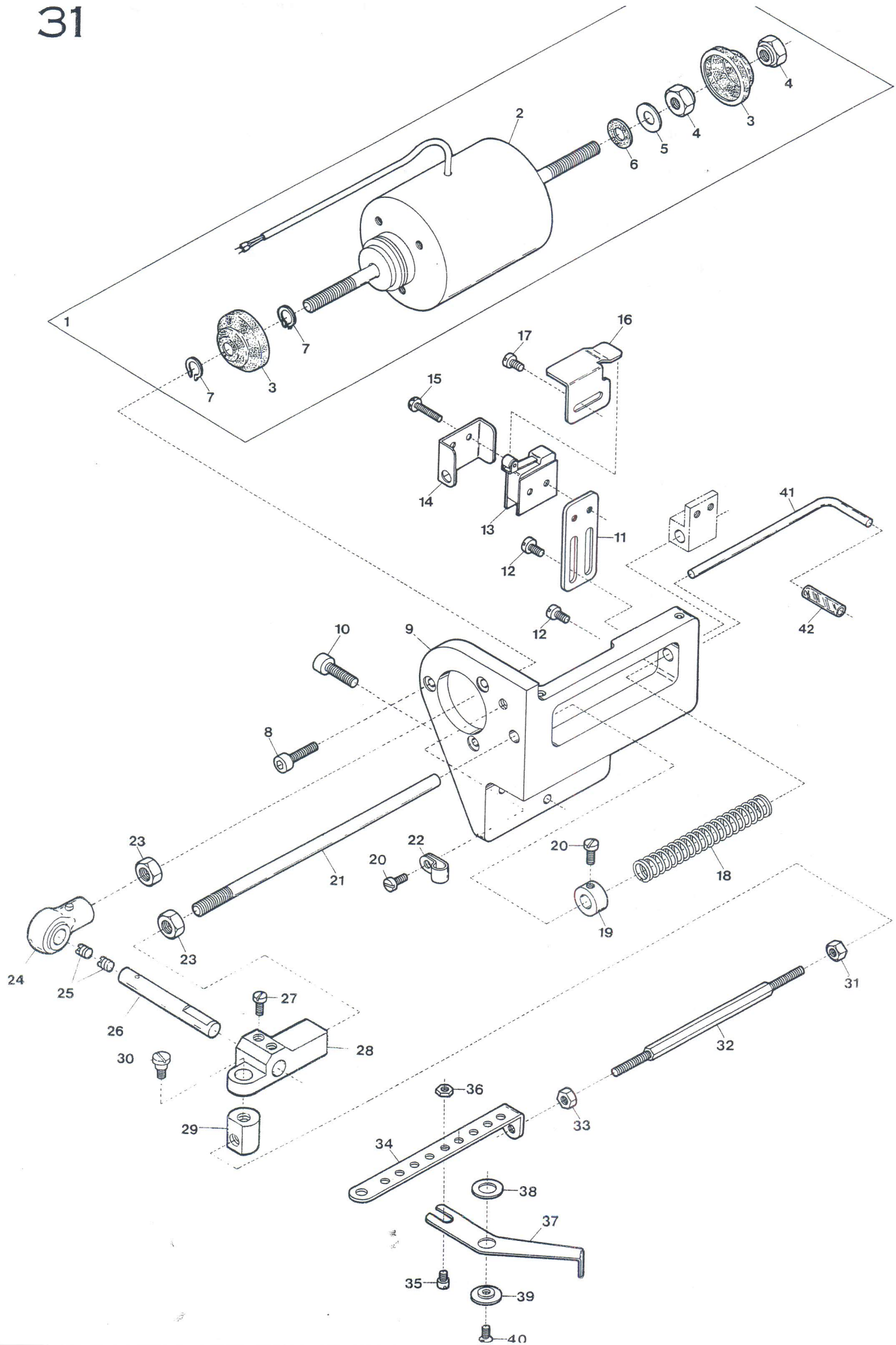
# “UT”装置(1)

30

| Ref.<br>No. | Parts<br>No. | Description                                | 品 名                   | Amt.<br>Req. |
|-------------|--------------|--------------------------------------------|-----------------------|--------------|
| 31          | 12           | Nut for 11737 .....                        | ナット.....              | 2            |
| 32          | 95323        | Wiper Solenoid Lever .....                 | ソレノイドレバー.....         | 1            |
| 33          | 417          | Packing Ring for 95323 .....               | パッキン .....            | 1            |
| 34          | 5098         | Screw for 95323 .....                      | ソレノイドレバー止ネジ .....     | 1            |
| 35          | 95359        | Wiper, Complete Set .....                  | ワイバ(組).....           | 1            |
| 36          | 7006         | Screw for 95359, 95326 .....               | 止ネジ.....              | 2            |
| 37          | 94322        | Finger Guard Block .....                   | フィンガーガードブロック.....     | 1            |
| 38          | 4401         | Screw for 94322 .....                      | フィンガーガードブロック止ネジ ..... | 1            |
| 39          | 94323        | Finger Guard .....                         | フィンガーガード .....        | 1            |
| 40          | 1892         | Screw for 94323 .....                      | フィンガーガード止ネジ.....      | 2            |
| 41          | 95327        | Thread Holder Spring Plate Bracket .....   | ワイババネ取付片.....         | 1            |
| 42          | 4353         | Screw for 95327 .....                      | ワイババネ取付片止ネジ.....      | 1            |
| 43          | 95326        | Thread Holder Spring Plate .....           | ワイババネ.....            | 1            |
| 44          | 95354        | Wiped Thread Keeper .....                  | 糸支エビニール.....          | 1            |
| 45          | 63514        | Thread Pull-off Eyelet .....               | 糸緩メ糸道.....            | 1            |
| 46          | 4440         | Screw for 63514 .....                      | 糸緩メ糸道止ネジ.....         | 2            |
| 47          | 95386        | Thread Pull-off Bar .....                  | 糸緩メ棒.....             | 1            |
| 48          | 94380        | Thread Pull-off Block .....                | 糸緩メブロック.....          | 3            |
| 49          | 1459         | Screw for 94380, 94396 .....               | 止ネジ.....              | 4            |
| 50          | 94381        | Thread Pull-off Hook .....                 | 糸緩メフック.....           | 3            |
| 51          | 94396        | Thread Pull-off Bar Holder .....           | 糸緩メ棒連結片.....          | 1            |
| 52          | 33024        | Retaining Ring .....                       | ストップリング.....          | 1            |
| 53          | 63515        | Thread Pull-off Lever .....                | 糸緩メレバー.....           | 1            |
| 54          | 690          | Dowel Pin for 63515 .....                  | 糸緩メレバー止メピン.....       | 1            |
| 55          | 94390        | Tension Release Adjusting Eccentric .....  | 糸緩メ板調節コロ.....         | 1            |
| 56          | 95334        | Swingproof Spring for 63510 .....          | 糸緩メ板防振バネ.....         | 1            |
| 57          | 1170         | Screw for 94390 .....                      | 糸緩メ板調節コロ止ネジ.....      | 1            |
| 58          | 94433        | Thread Pull-off Bar Adjusting Collar ..... | 糸緩メ棒調節カラー.....        | 1            |
| 59          | 1208         | Screw for 94433 .....                      | 糸緩メ棒調節カラー止ネジ.....     | 1            |
| 60          | 63076        | Swingproof Spring for 95386 .....          | 糸緩メ棒防振バネ.....         | 1            |
| 61          | 95376        | Thread Pull-off Bar Guide .....            | 糸緩メバーガイド.....         | 1            |
| 62          | 1222         | Screw for 95376, 63514 .....               | 止ネジ.....              | 3            |
| 63          | 63510        | Tension Disc Separator .....               | 糸緩メ板.....             | 1            |
| 64          | 63511        | Tension Post Support .....                 | 糸調子台.....             | 1            |
| 65          | 94387        | Tension Release Shaft .....                | 糸緩メ軸.....             | 1            |

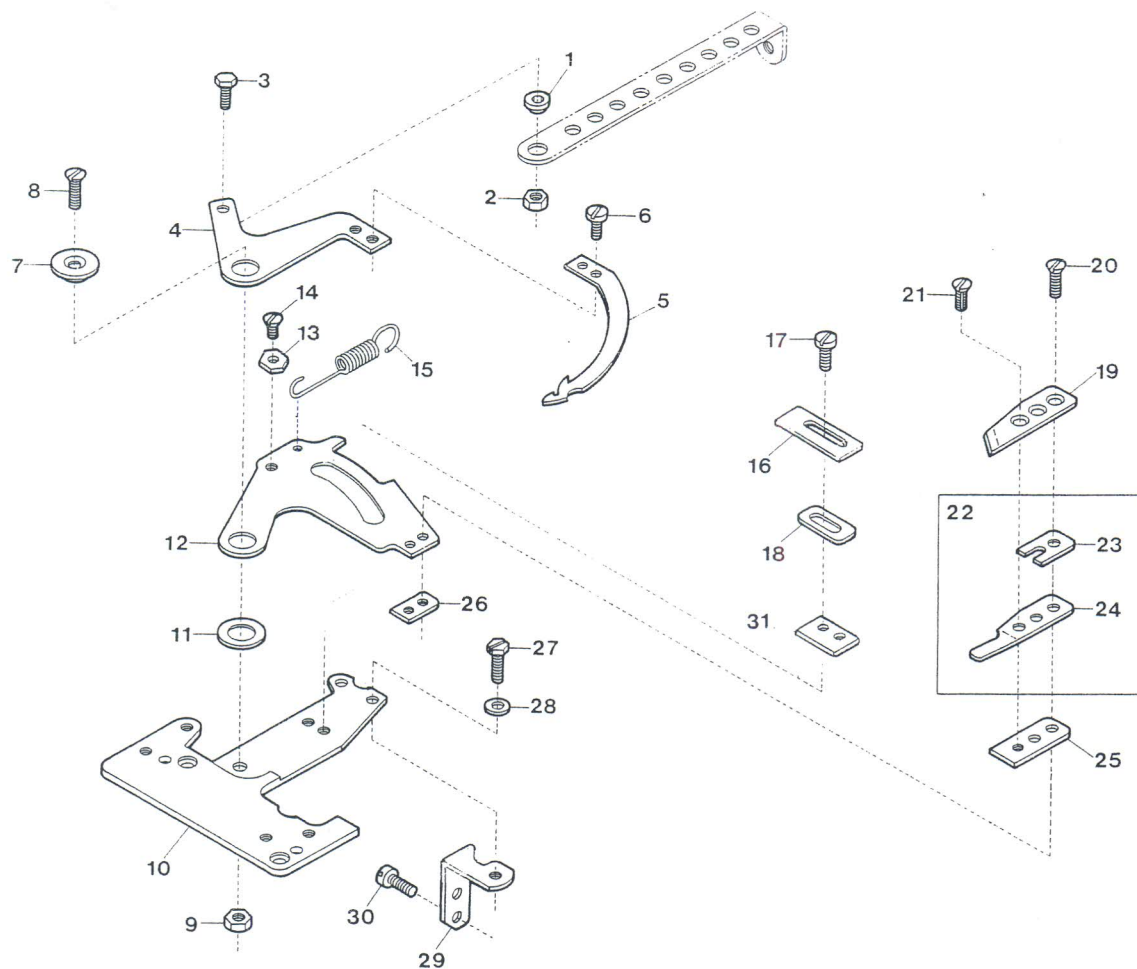
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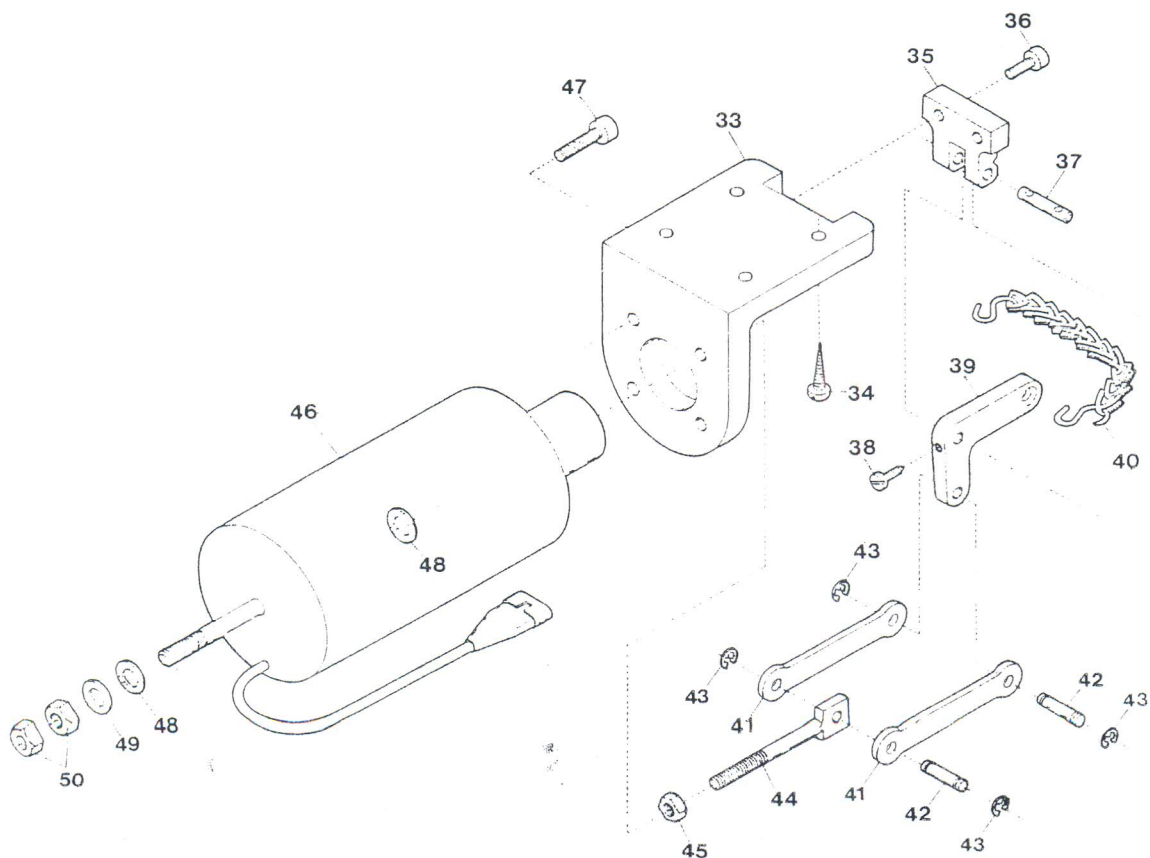




| Ref.<br>No. | Parts<br>No. | Description                            | 品 名                 | Amt.<br>Req. |
|-------------|--------------|----------------------------------------|---------------------|--------------|
| 1           | 11802        | Trimming Solenoid, Complete Set .....  | 糸切りソレノイド(組).....    | 1            |
| 2           | 11801        | Trimming Solenoid .....                | 糸切りソレノイド.....       | 1            |
| 3           | 63579        | Solenoid Dust-proof Cover .....        | ソレノイド防塵カバー.....     | 2            |
| 4           | 9            | Nut for 11801 .....                    | ナット.....            | 2            |
| 5           | 555          | Washer for 11801 .....                 | ワッシャ.....           | 1            |
| 6           | 588          | Anti-shock Rubber for 11801 .....      | ソレノイド緩衝ゴム.....      | 1            |
| 7           | 77410        | Retaining Ring .....                   | ストップリング.....        | 2            |
| 8           | 5650         | Screw for 11802 .....                  | 糸切りソレノイド(組)止ネジ..... | 3            |
| 9           | 63518        | Trimming Solenoid Support .....        | ソレノイド取付台.....       | 1            |
| 10          | 5108         | Screw for 63518 .....                  | ソレノイド取付台止ネジ.....    | 2            |
| 11          | 63607        | Switch Support .....                   | スイッチ取付板.....        | 1            |
| 12          | 4353         | Screw for 63607, 63545 .....           | 止ネジ.....            | 3            |
| 13          | 63606        | Switch Unit .....                      | スイッチ(組).....        | 1            |
| 14          | 63609        | Switch Cover .....                     | スイッチカバー.....        | 1            |
| 15          | 9984         | Screw for 63609 .....                  | スイッチカバー止ネジ.....     | 2            |
| 16          | 63608        | Switch Guide .....                     | スイッチガイド.....        | 1            |
| 17          | 7618         | Screw for 63608 .....                  | スイッチガイド止ネジ.....     | 2            |
| 18          | 95336        | Solenoid Return Spring .....           | ソレノイド戻シバネ.....      | 1            |
| 19          | 93491        | Collar for 95336 .....                 | ソレノイド戻シバネカラー.....   | 1            |
| 20          | 9508         | Screw for 93491, 63612 .....           | 止ネジ.....            | 2            |
| 21          | 95337        | Solenoid Return Shaft .....            | ソレノイド戻シシャフト.....    | 1            |
| 22          | 63612        | Cord Clamp .....                       | コードクランプ.....        | 1            |
| 23          | 145          | Nut for 11801, 95337 .....             | ナット.....            | 2            |
| 24          | 95388        | Plunger Connecting Rod .....           | プランジャロッド.....       | 1            |
| 25          | 1457         | Screw for 95389 .....                  | 詰ネジ.....            | 2            |
| 26          | 95389        | Plunger Connecting Rod Pin .....       | プランジャロッドピン.....     | 1            |
| 27          | 9508         | Screw for 95389 .....                  | プランジャロッドピン止ネジ.....  | 2            |
| 28          | 95390        | Solenoid Plunger Locking Piece .....   | プランジャ回り止メ.....      | 1            |
| 29          | 95391        | Trimming Connector .....               | 連結桿継手.....          | 1            |
| 30          | 6058         | Screw for 95391 .....                  | 連結桿継手止ネジ.....       | 1            |
| 31          | 356          | Nut for 94356(Left-handed Screw) ..... | 糸切り連結桿ナット(左ネジ)..... | 1            |
| 32          | 94356        | Trimming Connecting Rod(Right) .....   | 糸切り連結桿(右).....      | 1            |
| 33          | 355          | Nut for 94356 .....                    | 糸切り連結桿ナット.....      | 1            |
| 34          | 94357        | Trimming Connecting Rod(Left) .....    | 糸切り連結桿(左).....      | 1            |
| 35          | 9621         | Screw for 95328 .....                  | ルーバ糸繰りガイドネジ.....    | 1            |
| 36          | 340          | Nut for 95328 .....                    | ナット.....            | 1            |
| 37          | 95328        | Looper Thread Take-up .....            | ルーバ糸繰り.....         | 1            |
| 38          | 95357        | Space Ring for 95328 .....             | スペースリング.....        | 1            |
| 39          | 95340        | Trimming Holder Ring .....             | メス台リング.....         | 1            |
| 40          | 5343         | Screw for 95340 .....                  | メス台リング止ネジ.....      | 1            |
| 41          | 63545        | Positioner Motor Positioning Pin ..... | ポジショナピン.....        | 1            |
| 42          | 63546        | Positioner Motor Cushion .....         | ポジショナピンクッション.....   | 1            |



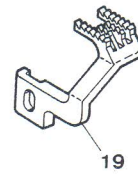
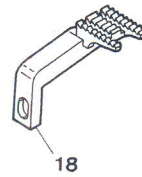
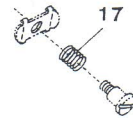
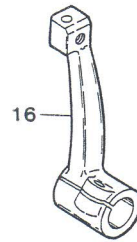
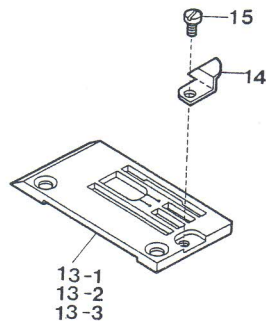
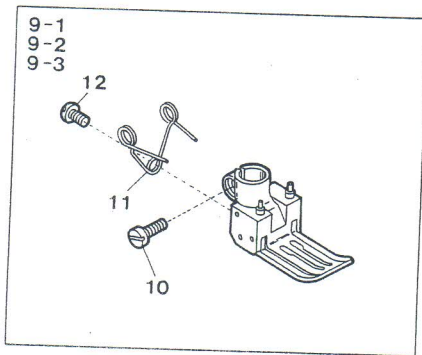
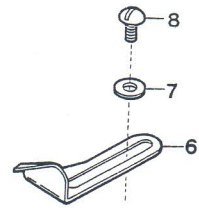
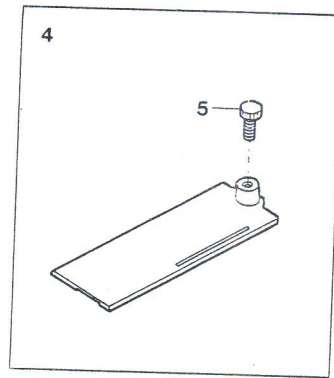
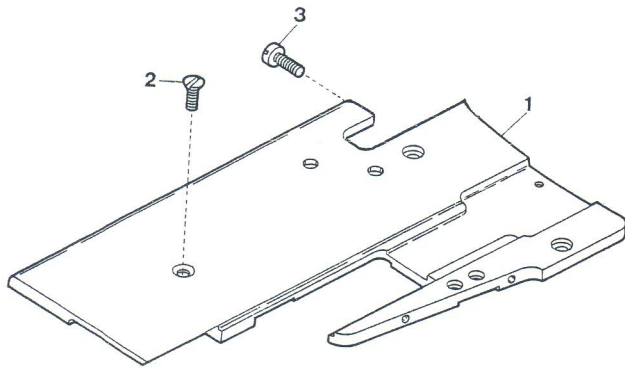
■ *For Domestic Sale Only*





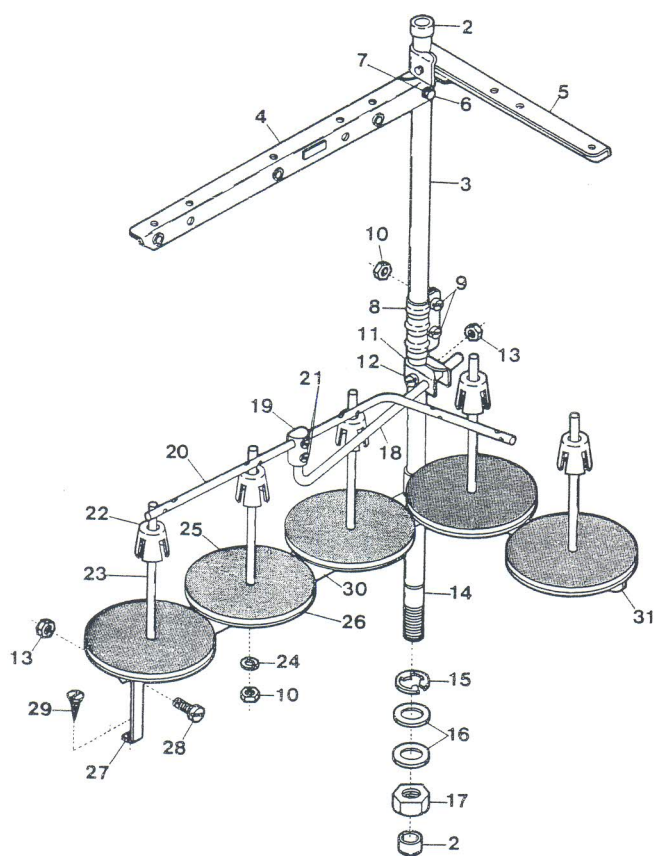
| ef.<br>o. | Parts<br>No. | Description                                        | 品 名                   | Amt.<br>Req. |
|-----------|--------------|----------------------------------------------------|-----------------------|--------------|
| 1         | 94358        | Lower Knife Carrier Connector .....                | 下メス台継手.....           | 1            |
| 2         | 338          | Nut for 94358 .....                                | ナット.....              | 1            |
| 3         | 5526         | Screw for 94358 .....                              | 下メス台継手止ネジ.....        | 1            |
| 4         | 95342        | Lower Knife Carrier .....                          | 下メス台.....             | 1            |
| 5         | 94411        | Lower Knife .....                                  | 下メス.....              | 1            |
| 6         | 5044         | Screw for 94411 .....                              | 下メス止ネジ.....           | 2            |
| 7         | 95340        | Trimming Holder Ring .....                         | メス台リング.....           | 1            |
| 8         | 5345         | Screw for 95340 .....                              | メス台リング止ネジ.....        | 1            |
| 9         | 340          | Nut for 95340 .....                                | ナット.....              | 1            |
| 10        | 94400        | Stitch Plate Supporter .....                       | 針板取付板.....            | 1            |
| 1         | 95343        | Space Ring for 95341 .....                         | スペースリング.....          | 1            |
| 2         | 95341        | Upper Knife Carrier .....                          | 上メス台.....             | 1            |
| 3         | 94410        | Hexagonal Stop Plate .....                         | 下メス台ストッパ.....         | 1            |
| 4         | 5431         | Screw for 94410 .....                              | 下メス台ストッパ止ネジ.....      | 1            |
| 5         | 94477        | Lower Knife Carrier Spring.....                    | 下メス台バネ.....           | 1            |
| 6         | 94406        | Upper Knife Carrier Stopper (Large) .....          | 上メス台ストッパ(大).....      | 1            |
| 7         | 4317         | Screw for 94406, 94403 .....                       | 上メス台ストッパ止ネジ.....      | 2            |
| 8         | 94403        | Upper Knife Carrier Stopper (Small) .....          | 上メス台ストッパ(小).....      | 1            |
| 9         | 94417        | Upper Knife .....                                  | 上メス.....              | 1            |
| 10        | 5112         | Screw for 94417 .....                              | 上メス止ネジ.....           | 2            |
| 1         | 5422         | Adjusting Screw for 95361.....                     | 糸挟ミバネ調節ネジ.....        | 1            |
| 2         | 95362        | Clamp Spring, Complete Set .....                   | 糸挟ミバネ(組).....         | 1            |
| 3         | 94415        | Upper Knife Spacer .....                           | 上メススペーサ.....          | 1            |
| 4         | 95361        | Clamp Spring .....                                 | 糸挟ミバネ.....            | 1            |
| 5         | 94413        | Clamp Spring Counter Plate .....                   | 糸挟ミバネ調節片.....         | 1            |
| 6         | 94412        | Upper Knife Holder .....                           | 上メス取付片.....           | 1            |
| 7         | 5506         | Screw for 94400 .....                              | 針板取付板止ネジ.....         | 1            |
| 8         | 541          | Washer for 94400 .....                             | ワッシャ.....             | 1            |
| 9         | 94405        | Stitch Plate Supporter Bracket .....               | 針板取付板ブラケット.....       | 1            |
| 10        | 4440         | Screw for 94405 .....                              | 針板取付板ブラケット止ネジ.....    | 2            |
| 1         | 94418        | Stopper Washer .....                               | ストッパワッシャ.....         | 1            |
| 2         | 95393        | Presser Foot Lifter Solenoid, Complete Set .....   | 押工揚ゲソレノイド(組).....     | 1            |
| 3         | 94479        | Presser Foot Lifter Solenoid Supporter .....       | 押工揚ゲソレノイド台.....       | 1            |
| 4         | ---          | Wood Screw for 94479.....                          | 木ネジ.....              | 4            |
| 5         | 95398        | Presser Foot Lifter Solenoid Lever Supporter ..... | 押工揚ゲソレノイドレバー台.....    | 1            |
| 6         | 5550         | Screw for 95398 .....                              | 押工揚ゲソレノイドレバー台止ネジ..... | 2            |
| 7         | 32784        | Presser Foot Lifter Solenoid Lever Pin .....       | 押工揚ゲソレノイドレバーピン.....   | 1            |
| 8         | 9322         | Screw for 32784 .....                              | 止ネジ.....              | 1            |
| 9         | 95397        | Presser Foot Lifter Solenoid Lever .....           | 押工揚ゲソレノイドレバー.....     | 1            |
| 10        | 37912        | Chain .....                                        | 鎖.....                | 1            |
| 1         | 95395        | Presser Foot Connecting Link .....                 | 押工揚ゲリンク.....          | 2            |
| 2         | 95396        | Presser Foot Connecting Link Pin.....              | 押工揚ゲリンクピン.....        | 2            |
| 3         | 33024        | Retaining Ring .....                               | ストップリング.....          | 4            |
| 4         | 95394        | Presser Foot Lifter Connecting Rod .....           | 押工揚ゲ連結ロッド.....        | 1            |
| 5         | 306          | Nut for 95394 .....                                | ナット.....              | 1            |
| 6         | 11733        | Presser Foot Lifter Solenoid .....                 | 押工揚ゲソレノイド.....        | 1            |
| 7         | 5520         | Screw for 11733 .....                              | 押工揚ゲソレノイド止ネジ.....     | 4            |
| 8         | 588          | Anti-shock Rubber for 11733.....                   | ソレノイド緩衝ゴム.....        | 2            |
| 9         | 555          | Washer for 11733 .....                             | ワッシャ.....             | 1            |
| 10        | 9            | Nut for 11733 .....                                | ナット.....              | 2            |



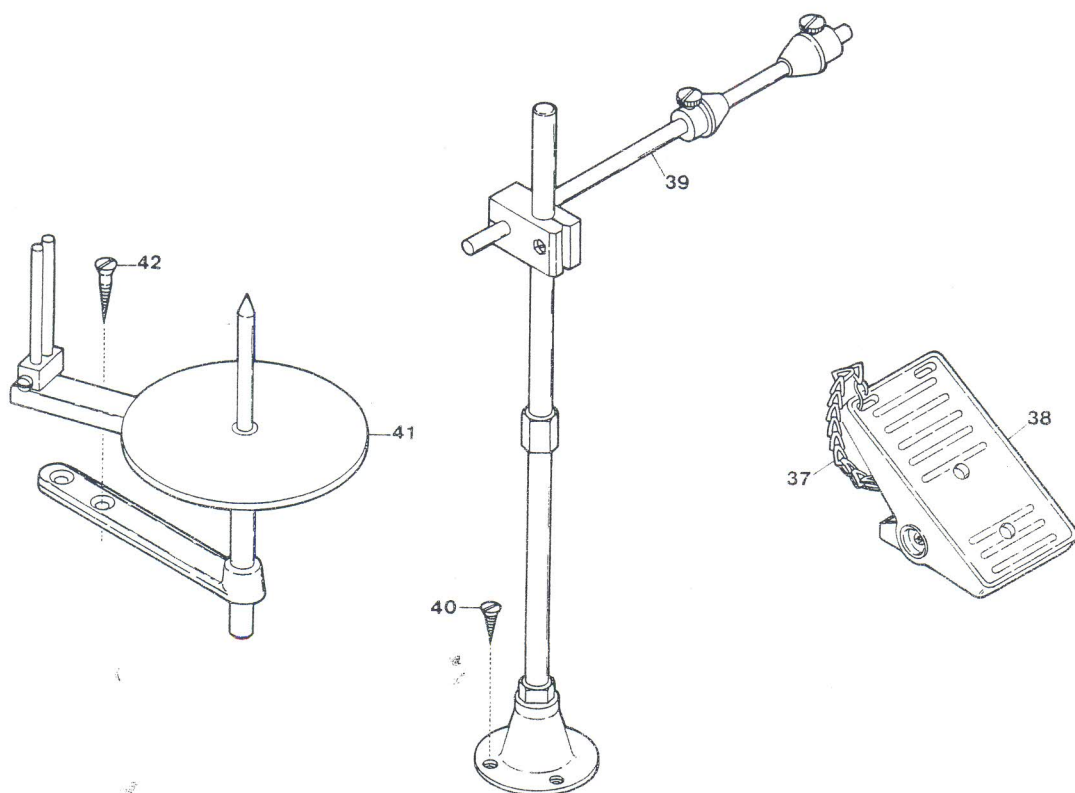
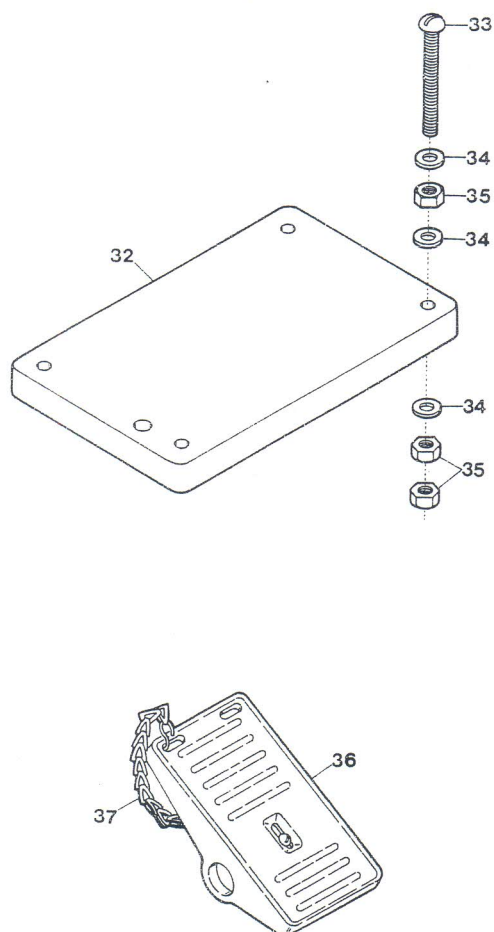


| Q. No. | f. Parts No. | Description                                     | 品 名           | Amt. Req. |
|--------|--------------|-------------------------------------------------|---------------|-----------|
| 1      | 95321        | Cloth Plate .....                               | 大カバー.....     | 1         |
| 2      | 5343         | Screw for 95321 .....                           | 大カバー止ネジ.....  | 1         |
| 3      | 4471         | Screw for 95321 .....                           | 大カバー止ネジ.....  | 2         |
| 4      | 95363        | Cloth Plate Slide Cover, Complete Set .....     | 滑り板(組).....   | 1         |
| 5      | 6473         | Screw for Cloth Plate Slide Cover, (C. S) ..... | 滑り板止ネジ.....   | 1         |
| 6      | 94616        | Edge Guide (on the Front Cover) .....           | 当て定規.....     | 1         |
| 7      | 613          | Washer for 94616 .....                          | ワッシャ.....     | 2         |
| 8      | 9852         | Screw for 94616 .....                           | 当て定規止ネジ.....  | 2         |
| 9-1    | 94871        | Presser Foot, Complete Set (A) .....            | 押エ(組)(A)..... | 1         |
| 9-2    | 94872        | " " " (B) .....                                 | " (B).....    | 1         |
| 9-3    | 94873        | " " " (C) .....                                 | " (C).....    | 1         |
| 0      | 1186         | Screw for Presser Foot .....                    | 押エ止ネジ.....    | 1         |
|        |              | <i>E 6.35</i>                                   |               |           |
| 1      | 94890        | Presser Foot Spring .....                       | 押エバネ.....     | 1         |
| 2      | 5133         | Screw for 94890 .....                           | 押エバネ止ネジ.....  | 1         |
| 3-1    | 94961        | Stitch Plate (A) .....                          | 針板(A).....    | 1         |
| 3-2    | 94962        | " " (B) .....                                   | " (B).....    | 1         |
| 3-3    | 94963        | " " (C) .....                                   | " (C).....    | 1         |
| 4      | 94615        | Edge Guide (on the Stitch Plate) .....          | 布ガイド.....     | 1         |
| 5      | 1228         | Screw for 94615 .....                           | 布ガイド止ネジ.....  | 1         |
| 6      | 94359        | Looper Holder .....                             | ルーバ台.....     | 1         |
| 7      | 32426        | Needle Bar Thread Retainer Spring .....         | 針棒小調子バネ.....  | 1         |
| 8      | 94868        | Main Feed Dog .....                             | 後送り.....      | 1         |
| 9      | 94628        | Differential Feed Dog .....                     | 前送り.....      | 1         |

1-1  
1-2

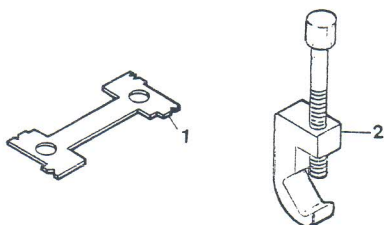


*Domestic Sale Only*





| f.  | Parts<br>No. | Description                                       | 品 名                | Amt.<br>Req. |
|-----|--------------|---------------------------------------------------|--------------------|--------------|
| 1-1 | 99056        | Thread Stand, Complete Set (5 Spools Type) .....  | 糸立台(組)(5本糸用).....  | 1            |
| 1-2 | 99048        | " " " " (6 " " ) .....                            | " " (6 " ) .....   | 1            |
| 2   | 99057        | Column Cap .....                                  | コラムキャップ.....       | 2            |
| 3   | 99058        | Column Pipe (Upper) .....                         | コラムパイプ(上).....     | 1            |
| 4   | 99060        | Thread Hanger (3 Spools Type) .....               | スレッドハンガ(3本糸用)..... | 1            |
| 5   | 99059        | Thread Hanger (2 Spools Type) .....               | スレッドハンガ(2本糸用)..... | 1            |
| 6   | 147          | Screw for 99059, 99060 .....                      | 止ネジ.....           | 4            |
| 7   | 148          | Washer for 99059, 99060 .....                     | ワッシャ.....          | 4            |
| 8   | 99061        | Column Pipe Connector .....                       | コラムパイプ継手.....      | 1            |
| 9   | 149          | Screw for 99061 .....                             | 止ネジ.....           | 2            |
| 10  | 150          | Nut for 99061, 99066 .....                        | ナット.....           | 7            |
| 11  | 99062        | Thread Guide Holder .....                         | 糸案内ホルダ.....        | 1            |
| 12  | 151          | Screw for 99062 .....                             | 止ネジ.....           | 1            |
| 13  | 152          | Nut for 99062, 99069 .....                        | ナット.....           | 2            |
| 14  | 99063        | Column Pipe (Lower) .....                         | コラムパイプ(下).....     | 1            |
| 15  | 99074        | Retaining Ring for 99063 .....                    | 止メ輪.....           | 1            |
| 16  | 154          | Washer for 99063 .....                            | ワッシャ.....          | 2            |
| 17  | 153          | Nut for 99063 .....                               | ナット.....           | 1            |
| 18  | 99030        | Thread Guide Bar .....                            | 糸案内支工棒.....        | 1            |
| 19  | 99031        | Thread Guide Bar Bracket .....                    | 支工棒接点.....         | 1            |
| 20  | 99064        | Thread Guide .....                                | 糸案内.....           | 1            |
| 21  | 156          | Screw for 99064 .....                             | 止ネジ.....           | 2            |
| 22  | 99065        | Spool Cushion .....                               | スプールクッション.....     | 5            |
| 23  | 99066        | Spool Pin .....                                   | スプール軸.....         | 5            |
| 24  | 157          | Spring Washer for 99066 .....                     | スプリングワッシャ.....     | 5            |
| 25  | 99067        | Spool Mat .....                                   | スプールマット.....       | 5            |
| 26  | 99068        | Spool Seat Disc .....                             | 受け皿.....           | 5            |
| 27  | 99069        | Spool Holder Stay .....                           | スプールホルダ支工.....     | 1            |
| 28  | 158          | Screw for 99069 .....                             | 止ネジ.....           | 1            |
| 29  | 159          | Wood Screw for 99069 .....                        | 木ネジ.....           | 1            |
| 30  | 99070        | Spool Holder (3 Spools Type) .....                | スプールホルダ(3本糸用)..... | 1            |
| 31  | 99071        | Spool Holder (2 Spools Type) .....                | スプールホルダ(2本糸用)..... | 1            |
| 32  | -----        | Supporting Board .....                            | 受け板.....           | 1            |
| 33  | -----        | Bolt for Supporting Board .....                   | 受け板吊りボルト.....      | 4            |
| 34  | -----        | Washer for Supporting Board .....                 | ワッシャ.....          | 12           |
| 35  | -----        | Nut for Supporting Board .....                    | ナット.....           | 12           |
| 36  | 37911        | Pedal, Complete Set, for Domestic Sale Only ..... | ペダル(組)(国内向).....   | 1            |
| 37  | 37912        | Chain .....                                       | 鎖.....             | 1            |
| 38  | 37907        | Pedal, Complete Set, for Export Only .....        | ペダル(組)(輸出向).....   | 1            |
| 39  | 94304        | Elastic Tape Stand, for DV-1409, DW-1509 .....    | ゴムテープスタンド.....     | 1            |
| 40  | -----        | Screw for 94304 .....                             | ゴムテープスタンド止ネジ.....  | 3            |
| 41  | 99050        | Knitted Tape Stand, for DV-1403, DW-1503 .....    | メリヤステープスタンド.....   | 1            |
| 42  | -----        | Screw for 99050 .....                             | テープスタンド止ネジ.....    | 2            |

*EXTRA PARTS*

# EXTRA PARTS

特注部品

35

| <u>Q'ty.</u><br><u>No.</u> | <u>Parts</u><br><u>No.</u> | <u>Description</u>                | <u>品 名</u>            | <u>Amt.</u><br><u>Req.</u> |
|----------------------------|----------------------------|-----------------------------------|-----------------------|----------------------------|
| 1                          | 95220                      | Looper Timing Gauge (Extra) ..... | ルーバタイミングゲージ(特注品)..... | 1                          |
| 2                          | 93690                      | Timing Gauge (Extra) .....        | タイミングゲージ(特注品).....    | 1                          |



| Parts<br>No. | Page<br>No. | Ref.<br>No. | Weight<br>(g) |
|--------------|-------------|-------------|---------------|
| 2            | 30          | 30          |               |
| 9            | 31          | 4           |               |
| 9            | 32          | 50          |               |
| 11           | 24          | 7           |               |
| 11           | 26          | 6           |               |
| 12           | 30          | 31          |               |
| 14           | 6           | 41          |               |
| 18           | 20          | 15          |               |
| 20           | 13          | 19          |               |
| 101          | 28          | 12          |               |
| 145          | 31          | 23          |               |
| 147          | 34          | 6           |               |
| 148          | 34          | 7           |               |
| 149          | 34          | 9           |               |
| 150          | 34          | 10          |               |
| 151          | 34          | 12          |               |
| 152          | 34          | 13          |               |
| 153          | 34          | 17          |               |
| 154          | 34          | 16          |               |
| 156          | 34          | 21          |               |
| 157          | 34          | 24          |               |
| 158          | 34          | 28          |               |
| 159          | 34          | 29          |               |
| 186          | 12          | 45          |               |
| 210          | 12          | 42          |               |
| 220          | 17          | 5           |               |
| 220          | 22          | 7           |               |
| 247          | 19          | 14          |               |
| 278          | 6           | 24          |               |
| 278          | 11          | 6           |               |
| 286          | 4           | 13          |               |
| 286          | 15          | 11          |               |
| 286          | 17          | 17          |               |
| 286          | 22          | 23          |               |
| 306          | 16          | 12          |               |
| 306          | 32          | 45          |               |
| 321          | 8           | 24          |               |
| 334          | 1           | 20          |               |
| 334          | 24          | 43          |               |
| 334          | 26          | 41          |               |
| 334          | 29          | 16          |               |
| 335          | 12          | 50          |               |
| 335          | 27          | 28          |               |
| 335          | 30          | 7           |               |
| 338          | 32          | 2           |               |
| 340          | 11          | 22          |               |
| 340          | 16          | 24          |               |
| 340          | 19          | 11          |               |
| 340          | 21          | 22          |               |
| 340          | 23          | 16          |               |
| 340          | 31          | 36          |               |
| 340          | 32          | 9           |               |
| 343          | 19          | 23          |               |

| Parts<br>No. | Page<br>No. | Ref.<br>No. | Weight<br>(g) |
|--------------|-------------|-------------|---------------|
| 343          | 21          | 24          |               |
| 355          | 31          | 33          |               |
| 356          | 31          | 31          |               |
| 384          | 14          | 46          |               |
| 401          | 12          | 47          |               |
| 402          | 12          | 18          |               |
| 403          | 12          | 16          |               |
| 407          | 12          | 51          |               |
| 417          | 30          | 33          |               |
| 419          | 10          | 19          |               |
| 419          | 14          | 42          |               |
| 431          | 19          | 33          |               |
| 445          | 9           | 39          |               |
| 451          | 12          | 21          |               |
| 451          | 13          | 21          |               |
| 451          | 19          | 29          |               |
| 494          | 12          | 41          |               |
| 498          | 24          | 25          |               |
| 498          | 26          | 24          |               |
| 505          | 12          | 53          |               |
| 511          | 20          | 14          |               |
| 515          | 27          | 22          |               |
| 520          | 10          | 7           |               |
| 528          | 24          | 6           |               |
| 528          | 26          | 5           |               |
| 530          | 9           | 26          |               |
| 530          | 24          | 30          |               |
| 530          | 26          | 29          |               |
| 530          | 27          | 29          |               |
| 532          | 4           | 3           |               |
| 532          | 6           | 38          |               |
| 532          | 7           | 32          |               |
| 532          | 20          | 38          |               |
| 532          | 24          | 9           |               |
| 532          | 26          | 8           |               |
| 532          | 27          | 12          |               |
| 533          | 5           | 2           |               |
| 533          | 6           | 35          |               |
| 538          | 4           | 32          |               |
| 538          | 14          | 19          |               |
| 538          | 16          | 19          |               |
| 538          | 24          | 18          |               |
| 538          | 26          | 17          |               |
| 541          | 1           | 31          |               |
| 541          | 4           | 6           |               |
| 541          | 24          | 42          |               |
| 541          | 26          | 40          |               |
| 541          | 32          | 28          |               |
| 548          | 8           | 4           |               |
| 550          | 27          | 25          |               |
| 552          | 8           | 37          |               |
| 554          | 9           | 15          |               |
| 554          | 19          | 28          |               |

| Parts<br>No. | Page<br>No. | Ref.<br>No. | Weight<br>(g) |
|--------------|-------------|-------------|---------------|
| 555          | 31          | 5           |               |
| 555          | 32          | 49          |               |
| 567          | 12          | 7           |               |
| 567          | 14          | 38          |               |
| 567          | 28          | 8           |               |
| 570          | 1           | 9           |               |
| 586          | 19          | 16          |               |
| 588          | 31          | 6           |               |
| 588          | 32          | 48          |               |
| 605          | 13          | 18          |               |
| 605          | 20          | 16          |               |
| 613          | 16          | 16          |               |
| 613          | 33          | 7           |               |
| 636          | 12          | 15          |               |
| 638          | 14          | 30          |               |
| 677          | 19          | 32          |               |
| 687          | 4           | 47          |               |
| 687          | 12          | 27          |               |
| 687          | 21          | 37          |               |
| 690          | 9           | 20          |               |
| 690          | 30          | 54          |               |
| 703          | 6           | 28          |               |
| 703          | 21          | 15          |               |
| 703          | 21          | 42          |               |
| 712          | 11          | 28          |               |
| 726          | 3           | 10          |               |
| 728          | 21          | 52          |               |
| 745          | 3           | 13          |               |
| 755          | 12          | 19          |               |
| 813          | 4           | 22          |               |
| 813          | 15          | 17          |               |
| 813          | 17          | 23          |               |
| 813          | 22          | 29          |               |
| 926          | 2           | 34          |               |
| 926          | 7           | 12          |               |
| 989          | 7           | 3           |               |
| 1092         | 6           | 45          |               |
| 1092         | 8           | 15          |               |
| 1156         | 1           | 29          |               |
| 1156         | 2           | 21          |               |
| 1156         | 9           | 31          |               |
| 1156         | 23          | 10          |               |
| 1170         | 30          | 57          |               |
| 1174         | 7           | 20          |               |
| 1174         | 10          | 17          |               |
| 1174         | 19          | 19          |               |
| 1174         | 21          | 21          |               |
| 1175         | 3           | 26          |               |
| 1175         | 6           | 33          |               |
| 1175         | 10          | 28          |               |

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| Parts No. | Page No. | Ref. No. | Weight (g) |
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| 1175      | 12       | 49       |            |
| 1175      | 13       | 13       |            |
| 1175      | 14       | 22       |            |
| 1175      | 24       | 10       |            |
| 1175      | 26       | 9        |            |
| 1186      | 9        | 9        |            |
| 1186      | 15       | 5        |            |
| 1186      | 17       | 2        |            |
| 1186      | 22       | 2        |            |
| 1186      | 33       | 10       |            |
| 1196      | 20       | 28       |            |
| 1202      | 1        | 3        |            |
| 1202      | 7        | 33       |            |
| 1208      | 6        | 31       |            |
| 1208      | 30       | 59       |            |
| 1222      | 8        | 36       |            |
| 1222      | 30       | 62       |            |
| 1227      | 1        | 16       |            |
| 1228      | 8        | 17       |            |
| 1228      | 11       | 32       |            |
| 1228      | 22       | 12       |            |
| 1228      | 33       | 15       |            |
| 1230      | 22       | 10       |            |
| 1326      | 3        | 29       |            |
| 1330      | 18       | 9        |            |
| 1330      | 19       | 21       |            |
| 1457      | 16       | 23       |            |
| 1457      | 20       | 35       |            |
| 1457      | 21       | 27       |            |
| 1457      | 31       | 25       |            |
| 1459      | 14       | 29       |            |
| 1459      | 30       | 49       |            |
| 1732      | 18       | 4        |            |
| 1733      | 12       | 40       |            |
| 1892      | 8        | 9        |            |
| 1892      | 8        | 11       |            |
| 1892      | 15       | 2        |            |
| 1892      | 17       | 11       |            |
| 1892      | 19       | 38       |            |
| 1892      | 21       | 49       |            |
| 1892      | 22       | 17       |            |
| 1892      | 30       | 40       |            |
| 1923      | 27       | 21       |            |
| 2022      | 7        | 13       |            |
| 2043      | 8        | 6        |            |
| 2043      | 11       | 18       |            |
| 2308      | 23       | 17       |            |
| 2308      | 24       | 19       |            |
| 2308      | 26       | 18       |            |
| 3300      | 17       | 6        |            |
| 3300      | 22       | 8        |            |
| 3313      | 6        | 25       |            |
| 3313      | 21       | 11       |            |

| Parts No. | Page No. | Ref. No. | Weight (g) |
|-----------|----------|----------|------------|
| 3393      | 23       | 13       |            |
| 3404      | 11       | 26       |            |
| 3406      | 12       | 38       |            |
| 3410      | 2        | 12       |            |
| 3433      | 2        | 32       |            |
| 3433      | 5        | 9        |            |
| 3433      | 6        | 11       |            |
| 3433      | 9        | 40       |            |
| 3433      | 10       | 24       |            |
| 3436      | 21       | 6        |            |
| 3635      | 7        | 9        |            |
| 3635      | 13       | 5        |            |
| 3635      | 20       | 10       |            |
| 3635      | 21       | 34       |            |
| 3635      | 24       | 16       |            |
| 3635      | 26       | 15       |            |
| 3638      | 24       | 14       |            |
| 3638      | 26       | 13       |            |
| 3646      | 6        | 3        |            |
| 3646      | 7        | 2        |            |
| 3646      | 11       | 24       |            |
| 3646      | 13       | 7        |            |
| 3647      | 6        | 7        |            |
| 3647      | 7        | 6        |            |
| 3647      | 8        | 26       |            |
| 3647      | 10       | 11       |            |
| 3647      | 21       | 46       |            |
| 3649      | 6        | 2        |            |
| 3652      | 6        | 6        |            |
| 3654      | 16       | 13       |            |
| 3792      | 7        | 16       |            |
| 3793      | 7        | 17       |            |
| 4090      | 3        | 6        |            |
| 4127      | 27       | 10       |            |
| 4133      | 27       | 19       |            |
| 4143      | 12       | 54       |            |
| 4312      | 7        | 22       |            |
| 4314      | 27       | 5        |            |
| 4317      | 32       | 17       |            |
| 4318      | 21       | 3        |            |
| 4352      | 5        | 3        |            |
| 4352      | 27       | 13       |            |
| 4353      | 4        | 2        |            |
| 4353      | 14       | 58       |            |
| 4353      | 20       | 39       |            |
| 4353      | 27       | 3-1      |            |
| 4353      | 30       | 18       |            |
| 4353      | 30       | 42       |            |
| 4353      | 31       | 12       |            |
| 4358      | 2        | 26       |            |
| 4358      | 8        | 2        |            |
| 4358      | 9        | 38       |            |
| 4358      | 14       | 45       |            |
| 4358      | 16       | 9        |            |

| Parts No. | Page No. | Ref. No. | Weight (g) |
|-----------|----------|----------|------------|
| 4401      | 30       | 38       |            |
| 4404      | 2        | 7        |            |
| 4404      | 27       | 6        |            |
| 4437      | 2        | 29       |            |
| 4437      | 6        | 27       |            |
| 4437      | 18       | 25       |            |
| 4440      | 1        | 18       |            |
| 4440      | 2        | 24       |            |
| 4440      | 4        | 31       |            |
| 4440      | 9        | 5        |            |
| 4440      | 14       | 3        |            |
| 4440      | 19       | 3        |            |
| 4440      | 18       | 18       |            |
| 4440      | 20       | 25       |            |
| 4440      | 21       | 44       |            |
| 4440      | 23       | 22       |            |
| 4440      | 24       | 33       |            |
| 4440      | 26       | 32       |            |
| 4440      | 27       | 26       |            |
| 4440      | 28       | 22       |            |
| 4440      | 30       | 46       |            |
| 4440      | 32       | 30       |            |
| 4441      | 9        | 13       |            |
| 4441      | 24       | 41       |            |
| 4441      | 26       | 39       |            |
| 4445      | 21       | 14       |            |
| 4471      | 33       | 3        |            |
| 4591      | 9        | 35       |            |
| 4651      | 30       | 11       |            |
| 5000      | 14       | 9        |            |
| 5000      | 18       | 14       |            |
| 5004      | 1        | 19       |            |
| 5036      | 4        | 39       |            |
| 5036      | 6        | 42       |            |
| 5038      | 12       | 46       |            |
| 5040      | 29       | 12       |            |
| 5043      | 3        | 12       |            |
| 5044      | 32       | 6        |            |
| 5070      | 2        | 4        |            |
| 5070      | 10       | 2        |            |
| 5070      | 11       | 2        |            |
| 5071      | 7        | 19       |            |
| 5076      | 1        | 8        |            |
| 5083      | 20       | 23       |            |
| 5098      | 30       | 34       |            |
| 5108      | 28       | 7        |            |
| 5108      | 31       | 10       |            |
| 5112      | 32       | 20       |            |
| 5115      | 24       | 4        |            |
| 5115      | 26       | 3        |            |
| 5121      | 8        | 38       |            |
| 5133      | 9        | 11       |            |
| 5133      | 15       | 7        |            |
| 5133      | 17       | 4        |            |

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| Parts No. | Page No. | Ref. No. | Weight (g) |
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| 5133      | 22       | 4        |            |
| 5133      | 33       | 12       |            |
| 5163      | 3        | 8        |            |
| 5163      | 16       | 20       |            |
| 5328      | 28       | 20       |            |
| 5343      | 2        | 18       |            |
| 5343      | 23       | 5        |            |
| 5343      | 31       | 40       |            |
| 5343      | 33       | 2        |            |
| 5345      | 32       | 8        |            |
| 5422      | 32       | 21       |            |
| 5431      | 4        | 30       |            |
| 5431      | 32       | 14       |            |
| 5490      | 27       | 1        |            |
| 5490      | 30       | 28       |            |
| 5491      | 2        | 3        |            |
| 5491      | 27       | 16       |            |
| 5505      | 29       | 17       |            |
| 5506      | 32       | 27       |            |
| 5510      | 12       | 31       |            |
| 5511      | 12       | 43       |            |
| 5512      | 12       | 30       |            |
| 5512      | 24       | 27       |            |
| 5512      | 26       | 26       |            |
| 5514      | 12       | 37       |            |
| 5520      | 7        | 24       |            |
| 5520      | 10       | 8        |            |
| 5520      | 12       | 6        |            |
| 5520      | 32       | 47       |            |
| 5526      | 32       | 3        |            |
| 5531      | 6        | 39       |            |
| 5550      | 6        | 22       |            |
| 5550      | 7        | 26       |            |
| 5550      | 7        | 30       |            |
| 5550      | 9        | 16       |            |
| 5550      | 11       | 4        |            |
| 5550      | 12       | 3        |            |
| 5550      | 19       | 13       |            |
| 5550      | 21       | 50       |            |
| 5550      | 24       | 31       |            |
| 5550      | 26       | 30       |            |
| 5550      | 30       | 15       |            |
| 5550      | 32       | 36       |            |
| 5553      | 16       | 7        |            |
| 5554      | 16       | 4        |            |
| 5570      | 13       | 2        |            |
| 5571      | 28       | 16       |            |
| 5572      | 28       | 13       |            |
| 5650      | 31       | 8        |            |
| 6010      | 22       | 6        |            |
| 6038      | 9        | 18       |            |
| 6058      | 31       | 30       |            |
| 6068      | 30       | 6        |            |
| 6237      | 30       | 13       |            |

| Parts No. | Page No. | Ref. No. | Weight (g) |
|-----------|----------|----------|------------|
| 6245      | 23       | 25       |            |
| 6245      | 24       | 21       |            |
| 6245      | 26       | 20       |            |
| 6263      | 1        | 4        |            |
| 6264      | 1        | 10       |            |
| 6265      | 1        | 21       |            |
| 6266      | 19       | 30       |            |
| 6267      | 21       | 40       |            |
| 6268      | 21       | 32       |            |
| 6436      | 23       | 7        |            |
| 6473      | 16       | 27       |            |
| 6473      | 33       | 5        |            |
| 6638      | 23       | 12       |            |
| 6799      | 19       | 27       |            |
| 6800      | 19       | 26       |            |
| 6852      | 27       | 3-2      |            |
| 6905      | 29       | 2        |            |
| 6910      | 1        | 14       |            |
| 6910      | 24       | 38       |            |
| 6910      | 26       | 36       |            |
| 7006      | 3        | 15       |            |
| 7006      | 12       | 13       |            |
| 7006      | 19       | 5        |            |
| 7006      | 21       | 18       |            |
| 7006      | 30       | 36       |            |
| 7128      | 3        | 2        |            |
| 7311      | 30       | 20       |            |
| 7405      | 23       | 2        |            |
| 7605      | 6        | 36       |            |
| 7609      | 2        | 14       |            |
| 7609      | 10       | 26       |            |
| 7609      | 16       | 11       |            |
| 7609      | 27       | 18       |            |
| 7616      | 4        | 33       |            |
| 7618      | 31       | 17       |            |
| 7619      | 4        | 41       |            |
| 7621      | 6        | 51       |            |
| 7621      | 20       | 4        |            |
| 7645      | 2        | 33       |            |
| 7645      | 7        | 14       |            |
| 7645      | 20       | 11       |            |
| 7650      | 23       | 15       |            |
| 7668      | 14       | 39       |            |
| 7763      | 21       | 41       |            |
| 8047      | 6        | 14       |            |
| 9106      | 8        | 29       |            |
| 9121      | 3        | 4        |            |
| 9121      | 18       | 20       |            |
| 9121      | 19       | 7        |            |
| 9121      | 21       | 30       |            |
| 9142      | 4        | 36       |            |
| 9142      | 8        | 19       |            |
| 9150      | 2        | 10       |            |

| Parts No. | Page No. | Ref. No. | Weight (g) |
|-----------|----------|----------|------------|
| 9150      | 3        | 17       |            |
| 9150      | 19       | 2        |            |
| 9150      | 21       | 38       |            |
| 9150      | 23       | 23       |            |
| 9150      | 24       | 20       |            |
| 9150      | 26       | 19       |            |
| 9160      | 28       | 11       |            |
| 9209      | 20       | 21       |            |
| 9322      | 11       | 7        |            |
| 9322      | 32       | 38       |            |
| 9508      | 10       | 5        |            |
| 9508      | 11       | 30       |            |
| 9508      | 30       | 26       |            |
| 9508      | 31       | 20       |            |
| 9508      | 31       | 27       |            |
| 9526      | 2        | 31       |            |
| 9526      | 14       | 49       |            |
| 9526      | 18       | 22       |            |
| 9533      | 3        | 22       |            |
| 9604      | 9        | 23       |            |
| 9604      | 11       | 14       |            |
| 9604      | 12       | 52       |            |
| 9604      | 19       | 35       |            |
| 9604      | 20       | 33       |            |
| 9621      | 31       | 35       |            |
| 9624      | 12       | 10       |            |
| 9827      | 4        | 46       |            |
| 9835      | 4        | 23       |            |
| 9844      | 4        | 15       |            |
| 9844      | 15       | 13       |            |
| 9844      | 17       | 19       |            |
| 9844      | 22       | 25       |            |
| 9852      | 16       | 17       |            |
| 9852      | 20       | 17       |            |
| 9852      | 33       | 8        |            |
| 9853      | 1        | 23       |            |
| 9853      | 14       | 5        |            |
| 9853      | 18       | 6        |            |
| 9909      | 14       | 24       |            |
| 9930      | 14       | 31       |            |
| 9932      | 4        | 7        |            |
| 9932      | 16       | 3        |            |
| 9932      | 30       | 10       |            |
| 9984      | 31       | 15       |            |
| 9985      | 30       | 24       |            |
| 10100     | 29       | 4        |            |
| 11709     | 24       | 37       |            |
| 11709     | 26       | 35       |            |
| 11733     | 32       | 46       |            |
| 11737     | 30       | 29       |            |
| 11778     | 24       | 39       |            |
| 11789     | 24       | 5        |            |
| 11801     | 31       | 2        |            |
| 11802     | 31       | 1        |            |



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|--------------|-------------|-------------|---------------|
| 11822        | 26          | 34          |               |
| 11824        | 26          | 37          |               |
| 11826        | 26          | 4           |               |
| 11840        | 27          | 23          |               |
| 11841        | 27          | 24          |               |
| 11914        | 24          | 36          |               |
| 20420        | 12          | 44          |               |
| 20533        | 14          | 13          |               |
| 20551        | 14          | 56          |               |
| 30228        | 12          | 33          |               |
| 30291        | 5           | 15          |               |
| 31111        | 4           | 14          |               |
| 31111        | 15          | 12          |               |
| 31111        | 17          | 18          |               |
| 31111        | 22          | 24          |               |
| 32421        | 1           | 7           |               |
| 32425        | 8           | 13          |               |
| 32426        | 33          | 17          |               |
| 32604        | 1           | 24          |               |
| 32684        | 5           | 13          |               |
| 32784        | 32          | 37          |               |
| 32786        | 11          | 25          |               |
| 32792        | 7           | 25          |               |
| 32799        | 6           | 23          |               |
| 32799        | 11          | 5           |               |
| 32799        | 21          | 51          |               |
| 32819        | 10          | 3-2         |               |
| 32819        | 11          | 16-2        |               |
| 32921        | 10          | 4           |               |
| 32924        | 2           | 5           |               |
| 32930        | 2           | 6           |               |
| 32932        | 14          | 11          |               |
| 33024        | 30          | 52          |               |
| 33024        | 32          | 43          |               |
| 33074        | 11          | 13          |               |
| 33098        | 12          | 20          |               |
| 33099        | 12          | 25          |               |
| 33104        | 12          | 2           |               |
| 33120        | 12          | 32          |               |
| 33133        | 12          | 36          |               |
| 33141        | 13          | 3           |               |
| 33925        | 29          | 1           |               |
| 33928        | 29          | 3           |               |
| 33931        | 29          | 6           |               |
| 33932        | 29          | 20          |               |
| 33933        | 29          | 23          |               |
| 33934        | 29          | 18          |               |
| 33935        | 29          | 15          |               |
| 33936        | 29          | 14          |               |
| 33937        | 29          | 13          |               |
| 33938        | 29          | 11          |               |
| 33939        | 29          | 21          |               |
| 33940        | 29          | 5           |               |

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| Parts<br>No. | Page<br>No. | Ref.<br>No. | Weight<br>(g) |
|--------------|-------------|-------------|---------------|
| 63511        | 30          | 64          |               |
| 63514        | 30          | 45          |               |
| 63515        | 30          | 53          |               |
| 63518        | 31          | 9           |               |
| 63545        | 31          | 41          |               |
| 63546        | 31          | 42          |               |
| 63579        | 31          | 3           |               |
| 63606        | 31          | 13          |               |
| 63607        | 31          | 11          |               |
| 63608        | 31          | 16          |               |
| 63609        | 31          | 14          |               |
| 63612        | 30          | 25          |               |
| 63612        | 31          | 22          |               |
| 77179        | 9           | 28          |               |
| 77410        | 31          | 7           |               |
| <b>90418</b> | <b>10</b>   | <b>18</b>   |               |
| 90425        | 10          | 27          |               |
| 90620        | 9           | 2           |               |
| 90711        | 23          | 1           |               |
| 90722        | 15          | 4-2         |               |
| 90723        | 9           | 10          |               |
| 90723        | 15          | 6           |               |
| 90731        | 15          | 4-3         |               |
| 90732        | 15          | 4-1         |               |
| 90801        | 9           | 30          |               |
| 90804        | 4           | 17          |               |
| 90805        | 4           | 20          |               |
| 90807        | 4           | 21          |               |
| 90807        | 15          | 16          |               |
| 90807        | 17          | 22          |               |
| 90807        | 22          | 28          |               |
| 90812        | 4           | 16          |               |
| 90812        | 15          | 14          |               |
| 90812        | 17          | 20          |               |
| 90812        | 22          | 26          |               |
| 90814        | 4           | 10          |               |
| 90814        | 15          | 9           |               |
| 90814        | 17          | 15          |               |
| 90814        | 22          | 21          |               |
| 90824        | 9           | 33          |               |
| 90828        | 8           | 10          |               |
| 90846        | 8           | 14          |               |
| 90847        | 4           | 11          |               |
| 90856        | 4           | 19          |               |
| 90856        | 15          | 15          |               |
| 90856        | 17          | 21          |               |
| 90856        | 22          | 27          |               |
| 90857        | 4           | 18          |               |
| 90901        | 14          | 28          |               |
| 90918        | 18          | 11          |               |
| 90930        | 14          | 35          |               |
| 90951        | 14          | 12          |               |

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| Parts No.    | Page No.  | Ref. No.   | Weight (g) |
|--------------|-----------|------------|------------|
| 90952        | 14        | 20         |            |
| <b>91131</b> | <b>9</b>  | <b>8-1</b> |            |
| 91132        | 9         | 8-2        |            |
| 91133        | 9         | 8-3        |            |
| 91135        | 9         | 8-4        |            |
| 91707        | 16        | 22         |            |
| 91708        | 16        | 21         |            |
| 91709        | 16        | 25         |            |
| 91725        | 17        | 3          |            |
| 91725        | 22        | 3          |            |
| 91736        | 16        | 2          |            |
| 91832        | 23        | 9          |            |
| 91833        | 23        | 21         |            |
| 91834        | 23        | 19         |            |
| 91835        | 23        | 18         |            |
| 91837        | 23        | 26         |            |
| 91838        | 23        | 20         |            |
| 91839        | 23        | 24         |            |
| 91840        | 23        | 11         |            |
| 91841        | 23        | 14         |            |
| 91842        | 23        | 3          |            |
| 91844        | 23        | 8          |            |
| 91845        | 23        | 4          |            |
| 91846        | 23        | 6          |            |
| 91909        | 19        | 17         |            |
| 91932        | 20        | 31         |            |
| 91936        | 19        | 6          |            |
| 91937        | 19        | 4          |            |
| 91938        | 19        | 8          |            |
| 91963        | 19        | 20         |            |
| 91964        | 19        | 15         |            |
| <b>92138</b> | <b>19</b> | <b>22</b>  |            |
| 92232        | 24        | 35         |            |
| 92232        | 26        | 42         |            |
| 92275        | 25        | 1          |            |
| 92280        | 24        | 1          |            |
| 92281        | 24        | 3          |            |
| 92281        | 26        | 2          |            |
| 92282        | 24        | 15         |            |
| 92282        | 26        | 14         |            |
| 92283        | 24        | 22         |            |
| 92283        | 26        | 21         |            |
| 92284        | 24        | 17         |            |
| 92284        | 26        | 16         |            |
| 92285        | 24        | 29         |            |
| 92285        | 26        | 28         |            |
| 92286        | 24        | 12         |            |
| 92286        | 26        | 11         |            |
| 92287        | 24        | 13         |            |
| 92287        | 26        | 12         |            |
| 92288        | 24        | 11         |            |
| 92288        | 26        | 10         |            |
| 92289        | 24        | 32         |            |

| Parts No.    | Page No.  | Ref. No. | Weight (g) |
|--------------|-----------|----------|------------|
| 92289        | 26        | 31       |            |
| 92291        | 24        | 26       |            |
| 92291        | 26        | 25       |            |
| 92292        | 24        | 24       |            |
| 92292        | 26        | 23       |            |
| 92293        | 24        | 28       |            |
| 92293        | 26        | 27       |            |
| 92294        | 24        | 23       |            |
| 92294        | 26        | 22       |            |
| 92297        | 24        | 2        |            |
| 92298        | 23        | 27       |            |
| 92298        | 24        | 34       |            |
| 92298        | 26        | 33       |            |
| <b>92300</b> | <b>27</b> | <b>2</b> |            |
| 92303        | 26        | 1        |            |
| 92307        | 27        | 17       |            |
| 92308        | 27        | 20       |            |
| 92309        | 27        | 15       |            |
| 92313        | 27        | 31       |            |
| 92314        | 27        | 35       |            |
| 92324        | 27        | 32-1     |            |
| 92325        | 27        | 32-2     |            |
| 92326        | 27        | 32-3     |            |
| 92327        | 27        | 36-1     |            |
| 92328        | 27        | 36-2     |            |
| 92329        | 27        | 36-3     |            |
| 92330        | 27        | 33-1     |            |
| 92331        | 27        | 33-2     |            |
| 92332        | 27        | 37-1     |            |
| 92333        | 27        | 37-2     |            |
| 92334        | 27        | 9        |            |
| 92335        | 27        | 7        |            |
| 92344        | 27        | 30       |            |
| 92345        | 27        | 34       |            |
| 92348        | 27        | 8        |            |
| 92349        | 27        | 4        |            |
| <b>93004</b> | <b>1</b>  | <b>5</b> |            |
| 93006        | 2         | 27-1     |            |
| 93007        | 2         | 28       |            |
| 93008        | 2         | 30       |            |
| 93009        | 2         | 25       |            |
| 93010        | 2         | 13       |            |
| 93015        | 2         | 1        |            |
| 93016        | 2         | 2        |            |
| 93017        | 2         | 20       |            |
| 93018        | 2         | 19       |            |
| 93021        | 6         | 48       |            |
| 93022        | 6         | 49       |            |
| 93027        | 3         | 18       |            |
| 93028        | 3         | 14       |            |
| 93029        | 3         | 7        |            |
| 93030        | 2         | 16       |            |
| 93031        | 3         | 11       |            |

| Parts No.    | Page No. | Ref. No.  | Weight (g) |
|--------------|----------|-----------|------------|
| 93033        | 3        | 28        |            |
| 93034        | 3        | 27        |            |
| 93035        | 1        | 11        |            |
| 93036        | 1        | 12        |            |
| 93039        | 2        | 22        |            |
| 93039        | 3        | 23        |            |
| 93045        | 1        | 13        |            |
| 93046        | 3        | 3         |            |
| 93048        | 2        | 27-2      |            |
| 93052        | 3        | 1         |            |
| 93053        | 2        | 23        |            |
| 93059        | 2        | 15        |            |
| 93077        | 6        | 1         |            |
| 93082        | 6        | 52        |            |
| 93084        | 6        | 53        |            |
| 93089        | 6        | 4         |            |
| 93090        | 6        | 8         |            |
| 93090        | 7        | 4         |            |
| 93091        | 6        | 17        |            |
| 93092        | 6        | 20        |            |
| 93094        | 5        | 19        |            |
| 93095        | 5        | 20        |            |
| 93096        | 5        | 18        |            |
| <b>93139</b> | <b>7</b> | <b>5</b>  |            |
| 93140        | 7        | 1         |            |
| 93143        | 7        | 34        |            |
| 93144        | 7        | 35        |            |
| 93151        | 6        | 9         |            |
| 93154        | 7        | 11        |            |
| 93170        | 8        | 18-1      |            |
| 93171        | 8        | 18-2      |            |
| 93172        | 8        | 18-3      |            |
| 93174        | 8        | 18-4      |            |
| 93179        | 8        | 28        |            |
| 93181        | 5        | 6         |            |
| 93182        | 5        | 7         |            |
| 93183        | 5        | 5         |            |
| 93184        | 8        | 5         |            |
| 93186        | 8        | 27        |            |
| 93192        | 7        | 29        |            |
| 93193        | 6        | 29        |            |
| 93194        | 6        | 26        |            |
| 93196        | 6        | 16        |            |
| 93197        | 6        | 21        |            |
| 93197        | 21       | 16        |            |
| <b>93201</b> | <b>5</b> | <b>16</b> |            |
| 93210        | 8        | 20        |            |
| 93211        | 8        | 21        |            |
| 93212        | 8        | 22        |            |
| 93213        | 8        | 23        |            |
| 93214        | 8        | 25        |            |
| 93215        | 7        | 15        |            |
| 93217        | 5        | 10        |            |

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| Parts No.    | Page No.  | Ref. No.  | Weight (g) |
|--------------|-----------|-----------|------------|
| 93218        | 10        | 22        |            |
| 93219        | 5         | 8         |            |
| 93241        | 16        | 1-1       |            |
| 93242        | 16        | 1-2       |            |
| 93243        | 16        | 1-3       |            |
| 93250        | 8         | 1         |            |
| 93251        | 8         | 7-1       |            |
| 93252        | 8         | 7-2       |            |
| 93253        | 8         | 7-3       |            |
| 93255        | 8         | 7-4       |            |
| 93256        | 15        | 1-1       |            |
| 93257        | 15        | 1-2       |            |
| 93257        | 17        | 10-1      |            |
| 93257        | 22        | 16-1      |            |
| 93258        | 15        | 1-3       |            |
| 93258        | 17        | 10-2      |            |
| 93258        | 22        | 16-2      |            |
| 93259        | 8         | 12        |            |
| 93260        | 8         | 16        |            |
| 93299        | 11        | 15        |            |
| <b>93300</b> | <b>11</b> | <b>33</b> |            |
| 93301        | 5         | 22        |            |
| 93302        | 5         | 23        |            |
| 93303        | 5         | 21        |            |
| 93304        | 11        | 23        |            |
| 93307        | 3         | 25        |            |
| 93308        | 3         | 24        |            |
| 93312        | 5         | 24        |            |
| 93313        | 5         | 25        |            |
| 93314        | 11        | 10        |            |
| 93315        | 6         | 18        |            |
| 93317        | 11        | 3         |            |
| 93318        | 11        | 11        |            |
| 93319        | 11        | 12        |            |
| 93322        | 11        | 9         |            |
| 93323        | 11        | 8         |            |
| 93323        | 12        | 1         |            |
| 93330        | 11        | 31        |            |
| 93381        | 12        | 24        |            |
| 93382        | 13        | 8         |            |
| 93383        | 13        | 9         |            |
| 93384        | 13        | 1         |            |
| 93385        | 3         | 16        |            |
| 93389        | 13        | 4         |            |
| 93394        | 13        | 11-1      |            |
| 93395        | 13        | 12-1      |            |
| 93396        | 13        | 11-2      |            |
| 93397        | 13        | 12-2      |            |
| <b>93400</b> | <b>7</b>  | <b>36</b> |            |
| 93450        | 10        | 1         |            |
| 93452        | 10        | 9         |            |
| 93453        | 5         | 12        |            |
| 93454        | 5         | 11        |            |

| Parts No.    | Page No. | Ref. No. | Weight (g) |
|--------------|----------|----------|------------|
| 93455        | 10       | 13       |            |
| 93456        | 10       | 16       |            |
| 93457        | 10       | 15       |            |
| 93458        | 10       | 21       |            |
| 93459        | 10       | 23       |            |
| 93461        | 10       | 25       |            |
| 93463        | 10       | 10       |            |
| 93466        | 4        | 45       |            |
| 93470        | 10       | 6        |            |
| 93471        | 10       | 14       |            |
| 93472        | 10       | 12       |            |
| 93479        | 9        | 24       |            |
| 93480        | 9        | 7        |            |
| 93482        | 9        | 4        |            |
| 93483        | 9        | 12       |            |
| 93484        | 9        | 3        |            |
| 93485        | 9        | 6        |            |
| 93487        | 9        | 17       |            |
| 93488        | 9        | 19       |            |
| 93490        | 9        | 21       |            |
| 93491        | 9        | 22       |            |
| 93491        | 31       | 19       |            |
| 93495        | 9        | 14       |            |
| 93496        | 9        | 36       |            |
| 93498        | 5        | 14       |            |
| 93499        | 9        | 37       |            |
| <b>93500</b> | <b>9</b> | <b>1</b> |            |
| 93506        | 9        | 25       |            |
| 93507        | 9        | 29       |            |
| 93508        | 9        | 34       |            |
| 93509        | 9        | 27       |            |
| 93510        | 6        | 13       |            |
| 93511        | 6        | 32       |            |
| 93512        | 6        | 46       |            |
| 93513        | 6        | 37       |            |
| 93514        | 6        | 44       |            |
| 93515        | 6        | 40       |            |
| 93517        | 4        | 26       |            |
| 93520        | 4        | 24       |            |
| 93521        | 4        | 29       |            |
| 93522        | 4        | 25       |            |
| 93526        | 4        | 28       |            |
| 93528        | 4        | 5        |            |
| 93533        | 4        | 34       |            |
| 93534        | 4        | 42       |            |
| 93535        | 4        | 43       |            |
| 93538        | 4        | 4        |            |
| 93540        | 6        | 47       |            |
| 93544        | 4        | 37       |            |
| 93545        | 9        | 32       |            |
| 93547        | 4        | 9        |            |
| 93547        | 15       | 8        |            |
| 93547        | 17       | 14       |            |
| 93547        | 22       | 20       |            |

| Parts No.    | Page No.  | Ref. No.  | Weight (g) |
|--------------|-----------|-----------|------------|
| 93552        | 4         | 40        |            |
| 93553        | 4         | 1         |            |
| 93554        | 4         | 38        |            |
| 93555        | 4         | 12        |            |
| 93555        | 15        | 10        |            |
| 93555        | 17        | 16        |            |
| 93555        | 22        | 22        |            |
| 93556        | 4         | 8         |            |
| 93557        | 6         | 34        |            |
| 93571        | 14        | 1         |            |
| 93573        | 6         | 10        |            |
| 93574        | 14        | 44        |            |
| 93575        | 14        | 40        |            |
| 93577        | 14        | 50        |            |
| 93576        | 14        | 53        |            |
| 93581        | 14        | 48        |            |
| 93583        | 14        | 54        |            |
| 93587        | 14        | 57        |            |
| 93588        | 14        | 55        |            |
| 93589        | 14        | 17        |            |
| 93599        | 14        | 52        |            |
| <b>93600</b> | <b>14</b> | <b>23</b> |            |
| 93602        | 14        | 33        |            |
| 93603        | 5         | 4         |            |
| 93607        | 5         | 1         |            |
| 93611        | 10        | 20        |            |
| 93615        | 14        | 4         |            |
| 93616        | 14        | 6         |            |
| 93617        | 14        | 51        |            |
| 93618        | 14        | 34        |            |
| 93619        | 14        | 36        |            |
| 93620        | 14        | 18        |            |
| 93621        | 14        | 16        |            |
| 93622        | 14        | 26        |            |
| 93657        | 11        | 27        |            |
| 93663        | 8         | 34        |            |
| 93669        | 6         | 30        |            |
| 93670        | 8         | 31        |            |
| 93671        | 8         | 32        |            |
| 93672        | 8         | 35        |            |
| 93674        | 8         | 33        |            |
| 93690        | 35        | 24        |            |
| <b>94194</b> | <b>16</b> | <b>26</b> |            |
| 94200        | 16        | 14        |            |
| 94201        | 16        | 8         |            |
| 94202        | 16        | 10        |            |
| 94215        | 17        | 1-1       |            |
| 94216        | 17        | 1-2       |            |
| 94217        | 17        | 1-3       |            |
| 94219        | 17        | 1-4       |            |
| 94235        | 16        | 18        |            |
| 94245        | 16        | 5         |            |



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|--------------|-----------|-----------|------------|
| 94246        | 16        | 6         |            |
| 94260        | 17        | 9-1       |            |
| 94261        | 17        | 8-1       |            |
| 94262        | 17        | 9-2       |            |
| 94263        | 17        | 8-2       |            |
| 94281        | 17        | 7-1       |            |
| 94282        | 17        | 7-2       |            |
| 94283        | 17        | 7-3       |            |
| 94285        | 17        | 7-4       |            |
| <b>94304</b> | <b>34</b> | <b>39</b> |            |
| 94322        | 30        | 37        |            |
| 94323        | 30        | 39        |            |
| 94356        | 31        | 32        |            |
| 94357        | 31        | 34        |            |
| 94358        | 32        | 1         |            |
| 94359        | 33        | 16        |            |
| 94380        | 30        | 48        |            |
| 94381        | 30        | 50        |            |
| 94387        | 30        | 65        |            |
| 94390        | 30        | 55        |            |
| 94396        | 30        | 51        |            |
| <b>94400</b> | <b>32</b> | <b>10</b> |            |
| 94403        | 32        | 18        |            |
| 94405        | 32        | 29        |            |
| 94406        | 32        | 16        |            |
| 94410        | 32        | 13        |            |
| 94411        | 32        | 5         |            |
| 94412        | 32        | 26        |            |
| 94413        | 32        | 25        |            |
| 94415        | 32        | 23        |            |
| 94417        | 32        | 19        |            |
| 94418        | 32        | 31        |            |
| 94433        | 30        | 58        |            |
| 94477        | 32        | 15        |            |
| 94478        | 30        | 8         |            |
| 94479        | 32        | 33        |            |
| 94480        | 11        | 29        |            |
| 94491        | 27        | 11        |            |
| 94491        | 30        | 17        |            |
| <b>94524</b> | <b>18</b> | <b>15</b> |            |
| 94525        | 18        | 24        |            |
| 94526        | 18        | 21        |            |
| 94527        | 18        | 17        |            |
| 94528        | 18        | 5         |            |
| 94530        | 18        | 13        |            |
| 94531        | 21        | 29        |            |
| 94532        | 19        | 1         |            |
| 94533        | 19        | 25        |            |
| 94537        | 18        | 19        |            |
| 94540        | 7         | 28        |            |
| 94541        | 19        | 12        |            |
| 94546        | 20        | 36        |            |

| Parts No.    | Page No.  | Ref. No.  | Weight (g) |
|--------------|-----------|-----------|------------|
| 94547        | 20        | 34        |            |
| 94548        | 20        | 30        |            |
| 94549        | 20        | 32        |            |
| 94553        | 20        | 26        |            |
| 94556        | 20        | 27        |            |
| 94557        | 20        | 29        |            |
| 94558        | 6         | 15        |            |
| 94561        | 21        | 12        |            |
| 94562        | 21        | 48        |            |
| 94564        | 21        | 7         |            |
| 94566        | 21        | 9         |            |
| 94569        | 21        | 19        |            |
| 94573        | 21        | 26        |            |
| 94574        | 21        | 45        |            |
| 94577        | 21        | 47        |            |
| 94578        | 21        | 39        |            |
| 94582        | 21        | 43        |            |
| 94587        | 21        | 23        |            |
| 94588        | 19        | 18        |            |
| 94588        | 21        | 20        |            |
| 94589        | 19        | 24        |            |
| 94589        | 21        | 25        |            |
| 94593        | 22        | 14        |            |
| 94596        | 21        | 1         |            |
| 94598        | 21        | 4         |            |
| 94599        | 21        | 2         |            |
| <b>94603</b> | <b>30</b> | <b>16</b> |            |
| 94604        | 30        | 3         |            |
| 94605        | 30        | 2         |            |
| 94606        | 30        | 4         |            |
| 94615        | 33        | 14        |            |
| 94616        | 33        | 6         |            |
| 94628        | 33        | 19        |            |
| 94666        | 18        | 23        |            |
| <b>94728</b> | <b>20</b> | <b>12</b> |            |
| 94800        | 15        | 3-1       |            |
| 94801        | 15        | 3-2       |            |
| 94802        | 15        | 3-3       |            |
| 94820        | 8         | 3         |            |
| 94822        | 7         | 31        |            |
| 94868        | 33        | 18        |            |
| 94871        | 33        | 9-1       |            |
| 94872        | 33        | 9-2       |            |
| 94873        | 33        | 9-3       |            |
| 94890        | 33        | 11        |            |
| 94908        | 17        | 13-1      |            |
| 94909        | 17        | 13-2      |            |
| 94921        | 17        | 12-1      |            |
| 94922        | 17        | 12-2      |            |
| 94961        | 33        | 13-1      |            |
| 94962        | 33        | 13-2      |            |
| 94963        | 33        | 13-3      |            |

| Parts No.    | Page No.  | Ref. No. | Weight (g) |
|--------------|-----------|----------|------------|
| <b>95055</b> | <b>19</b> | <b>9</b> |            |
| 95060        | 20        | 1        |            |
| 95061        | 20        | 2        |            |
| 95062        | 20        | 8        |            |
| 95063        | 20        | 9        |            |
| 95064        | 20        | 3        |            |
| 95065        | 20        | 5        |            |
| 95066        | 20        | 6        |            |
| 95067        | 20        | 7        |            |
| 95068        | 20        | 18       |            |
| 95069        | 20        | 20       |            |
| 95070        | 20        | 24       |            |
| 95071        | 20        | 19       |            |
| 95072        | 20        | 22       |            |
| <b>95100</b> | <b>1</b>  | <b>1</b> |            |
| 95103        | 1         | 6        |            |
| 95104        | 1         | 15       |            |
| 95108        | 1         | 27       |            |
| 95111        | 1         | 17       |            |
| 95113        | 3         | 21       |            |
| 95114        | 3         | 20       |            |
| 95116        | 3         | 19       |            |
| 95117        | 1         | 25       |            |
| 95118        | 1         | 30       |            |
| 95119        | 12        | 23       |            |
| 95120        | 12        | 22       |            |
| 95122        | 13        | 6        |            |
| 95124        | 12        | 17       |            |
| 95126        | 12        | 14       |            |
| 95127        | 5         | 27       |            |
| 95128        | 5         | 26       |            |
| 95130        | 12        | 29       |            |
| 95131        | 12        | 34       |            |
| 95132        | 12        | 35       |            |
| 95133        | 12        | 39       |            |
| 95134        | 5         | 28       |            |
| 95135        | 12        | 28       |            |
| 95140        | 14        | 27       |            |
| 95142        | 11        | 20       |            |
| 95143        | 14        | 21       |            |
| 95144        | 14        | 10       |            |
| 95145        | 1         | 22       |            |
| 95147        | 1         | 2        |            |
| 95148        | 14        | 32       |            |
| 95149        | 12        | 48       |            |
| 95153        | 16        | 15       |            |
| 95160        | 12        | 12       |            |
| 95161        | 13        | 16       |            |
| 95162        | 12        | 11       |            |
| 95164        | 11        | 21       |            |
| 95168        | 7         | 21       |            |
| 95170        | 7         | 18       |            |
| 95173        | 11        | 1        |            |
| 95176        | 14        | 8        |            |



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| 95178     | 11       | 34       |            |
| 95183     | 2        | 17       |            |
| 95184     | 2        | 9        |            |
| 95184     | 18       | 3        |            |
| 95184     | 23       | 29       |            |
| 95184     | 25       | 4        |            |
| 95184     | 28       | 3        |            |
| 95185     | 2        | 8        |            |
| 95188     | 25       | 2        |            |
| 95191     | 23       | 28       |            |
| 95201     | 12       | 4        |            |
| 95202     | 12       | 8        |            |
| 95203     | 12       | 9        |            |
| 95204     | 12       | 5        |            |
| 95207     | 1        | 28       |            |
| 95211     | 6        | 54       |            |
| 95212     | 7        | 8        |            |
| 95214     | 7        | 7        |            |
| 95216     | 6        | 5        |            |
| 95218     | 2        | 11       |            |
| 95220     | 35       | 23       |            |
| 95248     | 23       | 30       |            |
| 95253     | 18       | 2        |            |
| 95254     | 18       | 7        |            |
| 95255     | 18       | 10       |            |
| 95257     | 18       | 8        |            |
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| 95262     | 22       | 13-3     |            |
| 95263     | 22       | 15       |            |
| 95266     | 22       | 11       |            |
| 95267     | 22       | 5        |            |
| 95268     | 22       | 9        |            |
| 95269     | 19       | 31       |            |
| 95270     | 19       | 34       |            |
| 95272     | 19       | 37       |            |
| 95273     | 21       | 33       |            |
| 95274     | 21       | 28       |            |
| 95275     | 21       | 36       |            |
| 95276     | 21       | 31       |            |
| 95277     | 21       | 35       |            |
| 95278     | 22       | 19-1     |            |
| 95279     | 22       | 19-2     |            |
| 95295     | 20       | 37       |            |
| 95296     | 19       | 36       |            |
| 95301     | 25       | 3        |            |
| 95305     | 21       | 13       |            |
| 95306     | 21       | 5        |            |
| 95307     | 21       | 8        |            |
| 95308     | 21       | 10       |            |
| 95309     | 21       | 17       |            |
| 95313     | 22       | 1-1      |            |

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| 95314     | 22       | 1-2      |            |
| 95315     | 22       | 1-3      |            |
| 95316     | 22       | 18-1     |            |
| 95317     | 22       | 18-2     |            |
| 95319     | 30       | 1        |            |
| 95321     | 33       | 1        |            |
| 95322     | 30       | 27       |            |
| 95323     | 30       | 32       |            |
| 95326     | 30       | 43       |            |
| 95327     | 30       | 41       |            |
| 95328     | 31       | 37       |            |
| 95330     | 30       | 14       |            |
| 95331     | 30       | 12       |            |
| 95333     | 30       | 9        |            |
| 95334     | 31       | 56       |            |
| 95336     | 31       | 18       |            |
| 95337     | 31       | 21       |            |
| 95340     | 32       | 39       |            |
| 95340     | 32       | 7        |            |
| 95341     | 32       | 12       |            |
| 95342     | 32       | 4        |            |
| 95343     | 32       | 11       |            |
| 95344     | 30       | 5        |            |
| 95345     | 30       | 19       |            |
| 95354     | 30       | 44       |            |
| 95357     | 31       | 38       |            |
| 95359     | 30       | 35       |            |
| 95361     | 32       | 24       |            |
| 95362     | 32       | 22       |            |
| 95363     | 33       | 4        |            |
| 95376     | 30       | 61       |            |
| 95377     | 30       | 21       |            |
| 95377     | 30       | 23       |            |
| 95378     | 30       | 22       |            |
| 95386     | 30       | 47       |            |
| 95388     | 31       | 24       |            |
| 95389     | 31       | 26       |            |
| 95390     | 31       | 28       |            |
| 95391     | 31       | 29       |            |
| 95393     | 32       | 32       |            |
| 95394     | 32       | 44       |            |
| 95395     | 32       | 41       |            |
| 95396     | 32       | 42       |            |
| 95397     | 32       | 39       |            |
| 95398     | 32       | 35       |            |
| 95435     | 7        | 23       |            |
| 95436     | 7        | 27       |            |
| 95441     | 18       | 1        |            |
| 95451     | 28       | 1        |            |
| 95453     | 28       | 4        |            |
| 95455     | 28       | 24       |            |
| 95456     | 28       | 23-1     |            |
| 95457     | 28       | 23-2     |            |
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| 95463     | 28       | 14       |            |
| 95464     | 28       | 15       |            |
| 95465     | 28       | 17       |            |
| 95466     | 28       | 10       |            |
| 95467     | 28       | 6        |            |
| 95468     | 28       | 9        |            |
| 95470     | 28       | 5        |            |
| 95471     | 28       | 19-1     |            |
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| 95474     | 28       | 2        |            |
| 95550     | 7        | 10       |            |
| 95551     | 6        | 12       |            |
| 99030     | 34       | 18       |            |
| 99031     | 34       | 19       |            |
| 99048     | 34       | 1-2      |            |
| 99050     | 34       | 41       |            |
| 99056     | 34       | 1-1      |            |
| 99057     | 34       | 2        |            |
| 99058     | 34       | 3        |            |
| 99059     | 34       | 5        |            |
| 99060     | 34       | 4        |            |
| 99061     | 34       | 8        |            |
| 99062     | 34       | 11       |            |
| 99063     | 34       | 14       |            |
| 99064     | 34       | 20       |            |
| 99065     | 34       | 22       |            |
| 99066     | 34       | 23       |            |
| 99067     | 34       | 25       |            |
| 99068     | 34       | 26       |            |
| 99069     | 34       | 27       |            |
| 99070     | 34       | 30       |            |
| 99071     | 34       | 31       |            |
| 99074     | 34       | 15       |            |



