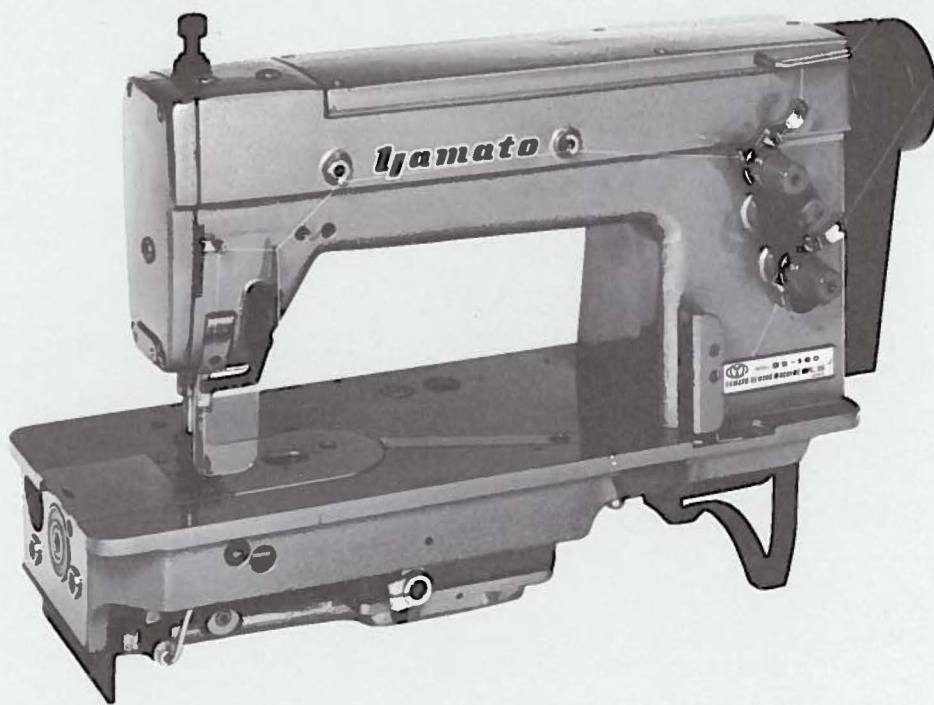


Jamato[®]

INDUSTRIAL SEWING MACHINE

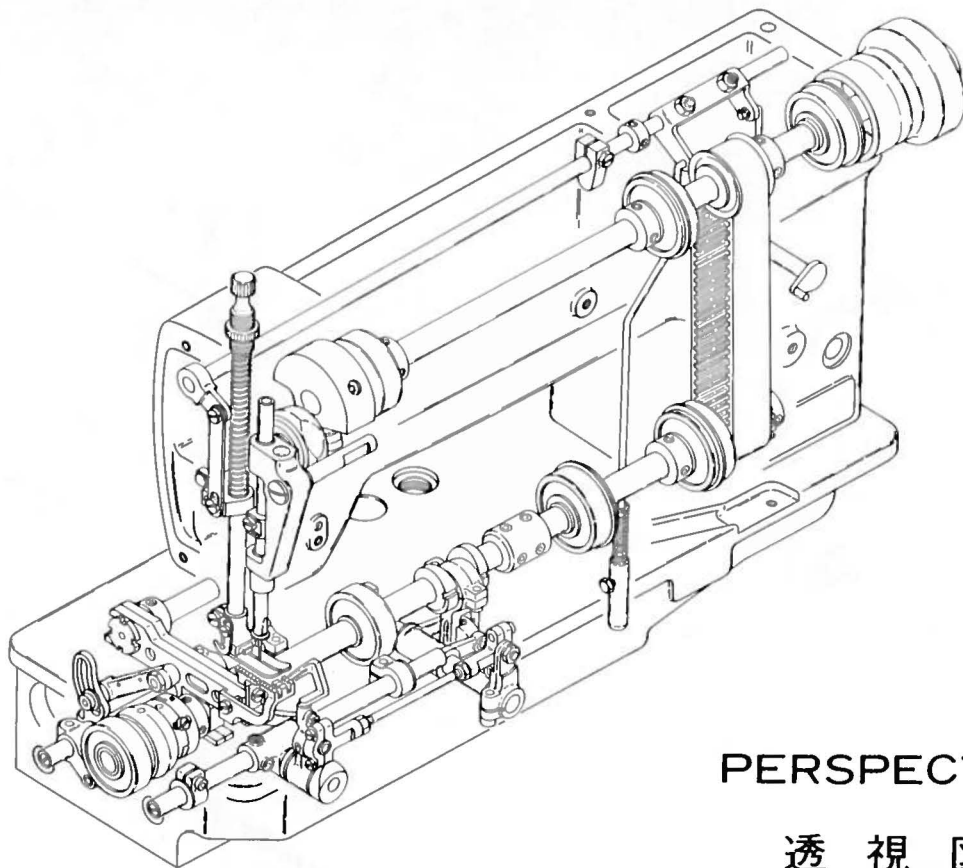
**ILLUSTRATED SPARE PARTS LIST
FOR
HIGH SPEED
DOUBLE CHAIN STITCH MACHINE**



MODELS & DEVICES

| | | |
|---------------|---------------|----------------|
| DS-100 | DS-102 | DS-103E |
| DS-105 | DS-130 | DS-131 |

UT ————— CT



PERSPECTIVE

透視図

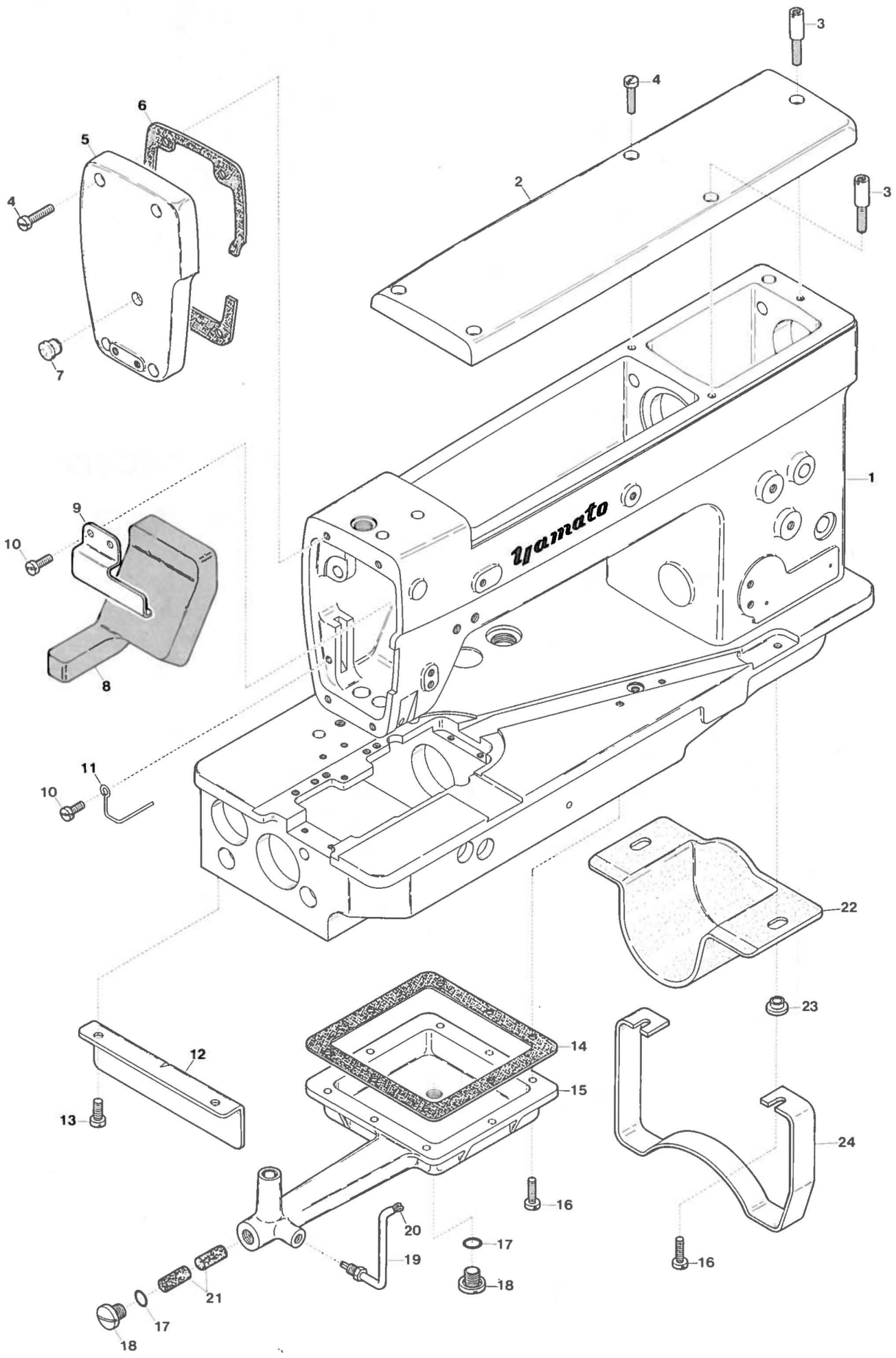
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Illustration of this Parts Book is based on the Model DS-100.

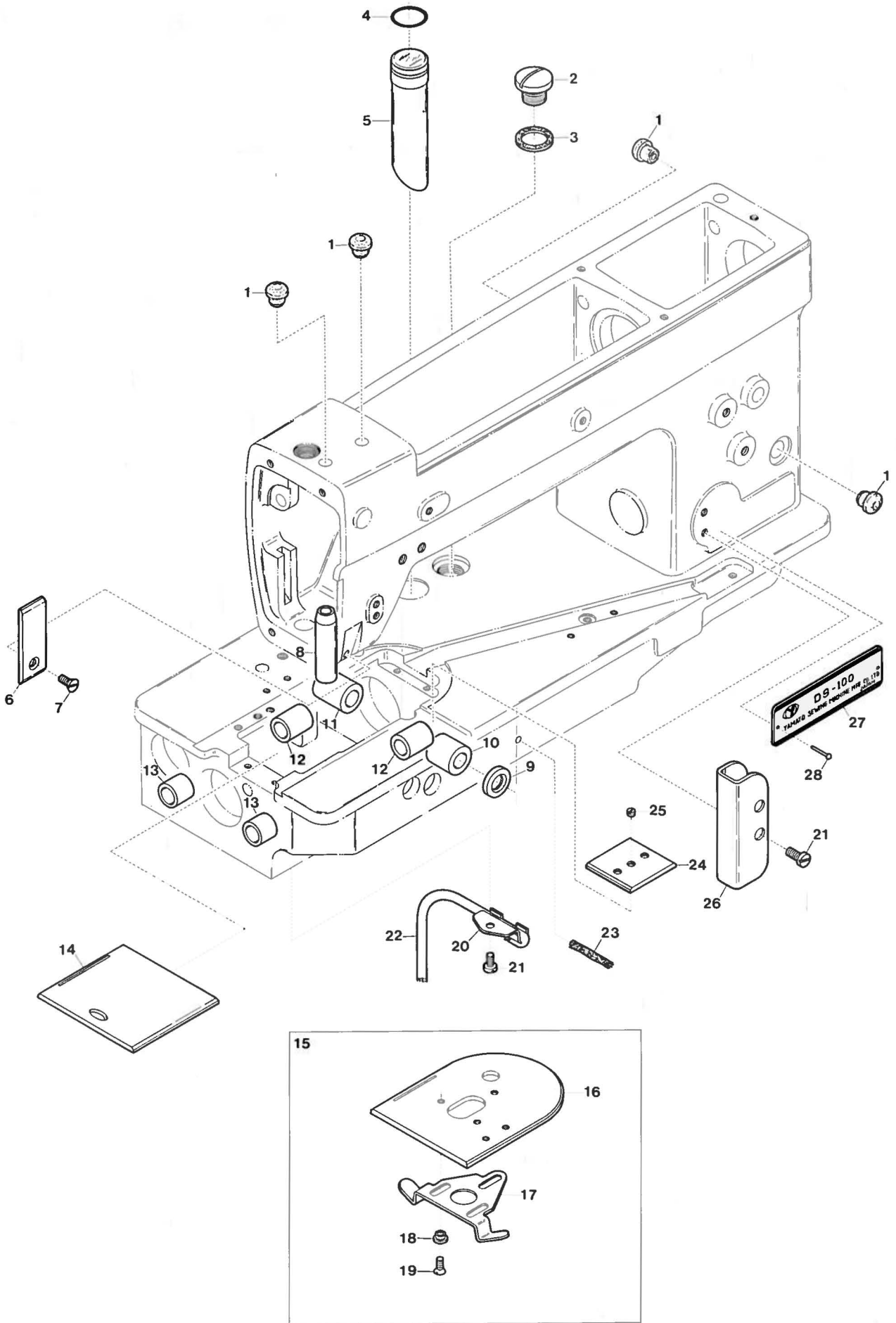
このパーツブックはDS-100を基本にしてイラストを作成しております。



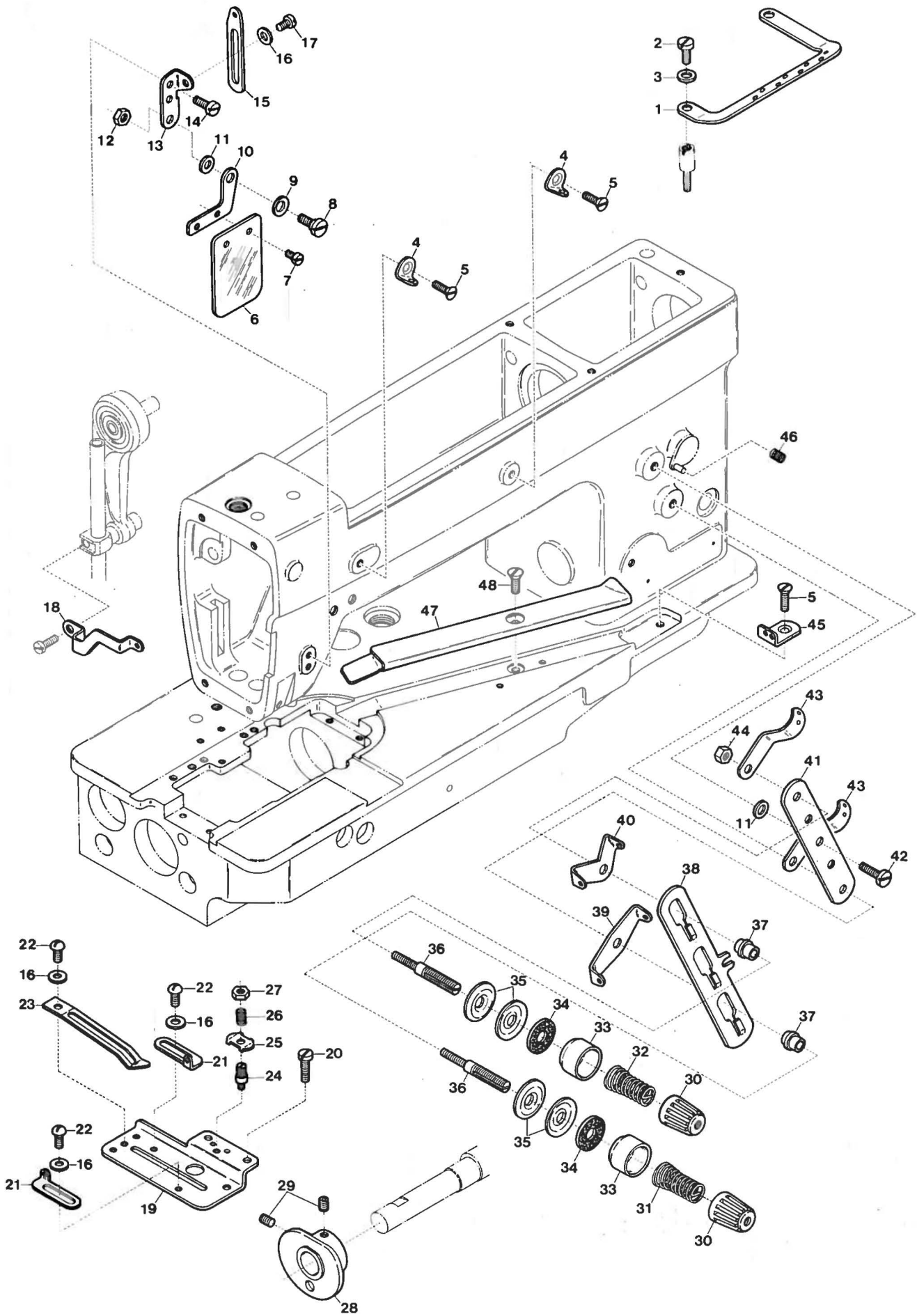
MISCELLANEOUS COVERS(1)

カバー関係(1)

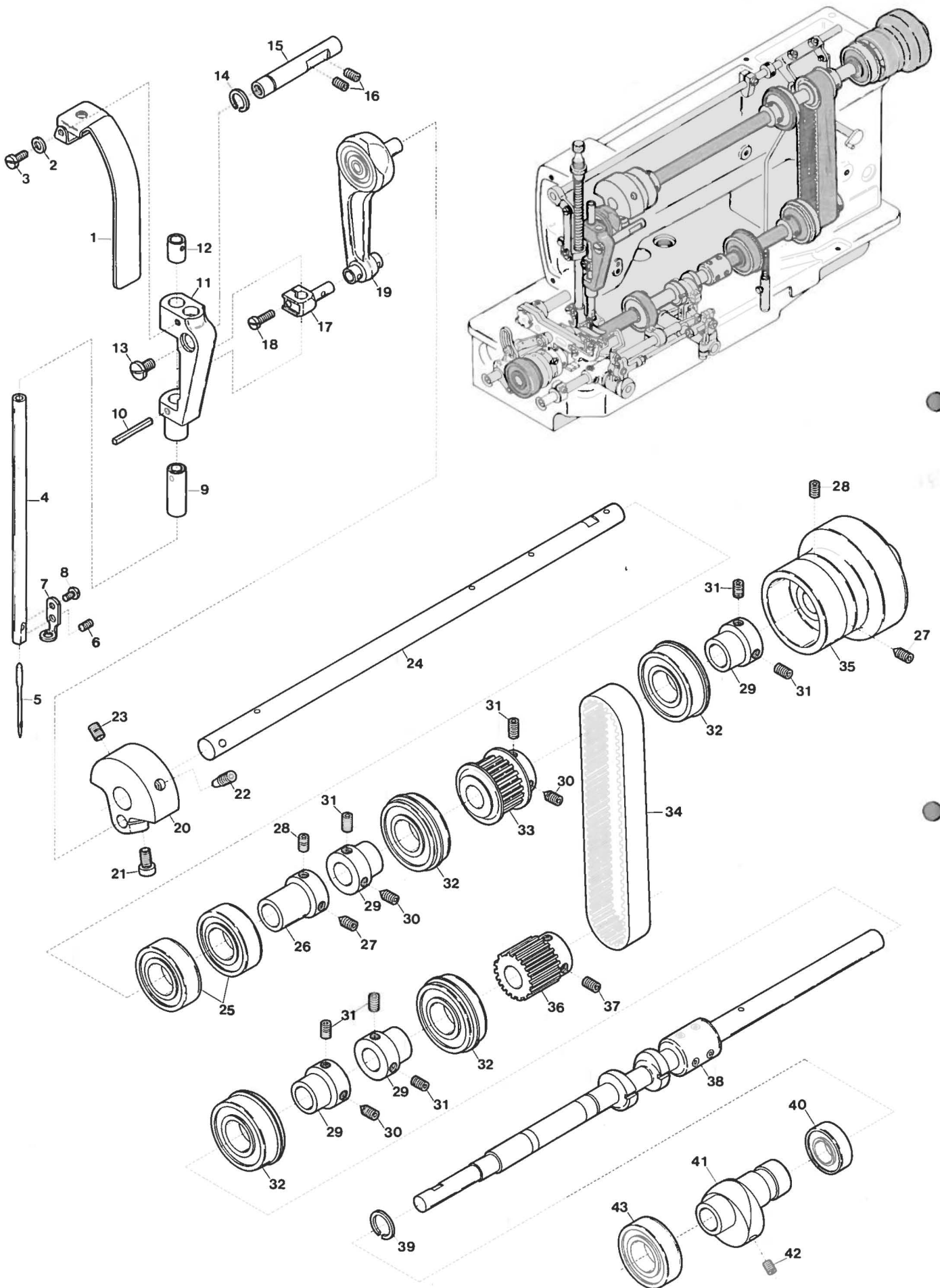
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|--|-------------|-----------|
| 1 | 60000 | Machine Frame, Complete Set | アームベッド(組) | 1 |
| 2 | 60003 | Top Cover | 上カバー | 1 |
| 3 | 5491 | Screw for 60003 | 上カバー止ネジ | 2 |
| 4 | 5070 | Screw for 60003, 60004 | 止ネジ | 7 |
| 5 | 60004 | Head Cover | 面蓋 | 1 |
| 6 | 60005 | Head Cover Gasket | 面蓋パッキン | 1 |
| 7 | 93039 | Seal Plug | 詰栓 | 1 |
| 8 | 60018 | Needle Bar Oiling Seat | 給油シート | 1 |
| 9 | 60019 | Needle Bar Oiling Seat Holder | 給油シート支工 | 1 |
| 10 | 4358 | Screw for 60019, 60020 | 止ネジ | 3 |
| 11 | 60020 | Needle Bar Oiling Seat Retainer | 給油シート押工 | 1 |
| 12 | 60034 | Machine Frame Supporter (Left) | ベッド支工(左) | 1 |
| 13 | 4440 | Screw for 60034 | ベッド支工(左)止ネジ | 2 |
| 14 | 60014 | Oil Pan Gasket | オイルタンクパッキン | 1 |
| 15 | 60013 | Oil Pan | オイルタンク | 1 |
| 16 | 1156 | Screw for 60013, 60016 | 止ネジ | 10 |
| 17 | 32421 | Drain Hole Seal | オリング | 2 |
| 18 | 5076 | Drain Hole Screw | 油抜キネジ | 2 |
| 19 | 60023 | Looper Connection Ball Joint Oiling Tube | 横ロッド給油パイプ | 1 |
| 20 | | Oil Wick for 60023 | 油芯 | 1 |
| 21 | 390 | Oil Wick for 60013 | 油芯 | 2 |
| 22 | 60011 | Sprocket Cover | プーリカバー | 1 |
| 23 | 60012 | Sprocket Cover Spacer | プーリカバースペース | 2 |
| 24 | 60016 | Machine Frame Supporter (Right) | ベッド支工(右) | 1 |



| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|-----------------|-----------|
| 1 | 93039 | Seal Plug | 詰栓 | 4 |
| 2 | 5077 | Oil Hole Screw | 給油口蓋ネジ | 1 |
| 3 | 529 | Seal for 5077 | 給油ネジパッキン | 1 |
| 4 | 77432 | "O" Ring | Oリング | 1 |
| 5 | 60017 | Oil Sight Gauge | オイルゲージ | 1 |
| 6 | 60177 | Needle Thread Guide | 針糸摺レ | 1 |
| 7 | 9142 | Screw for 60177 | 針糸摺レ止ネジ | 1 |
| 8 | 60140 | Presser Bar Bushing | 押工棒ブッシュ | 1 |
| 9 | 93303 | Looper Driving Shaft Bushing (Front) Oil Seal | オイルシール(10×17×3) | 1 |
| 10 | 93301 | Looper Driving Shaft Bushing (Front) | ルーバ軸ブッシュ(前) | 1 |
| 11 | 60129 | Looper Driving Shaft Bushing (Rear) | ルーバ軸ブッシュ(後) | 1 |
| 12 | 93312 | Feed Driving & Looper Oscillating Shaft Bushing (Right) | ブッシュ(右) | 2 |
| 13 | 93313 | Feed Driving & Looper Oscillating Shaft Bushing (Left) | ブッシュ(左) | 2 |
| 14 | 60026 | Slide Cover (Left) | 滑り板(左) | 1 |
| 15 | 60006 | Slide Cover (Right), Complete Set | 滑り板(右)(組) | 1 |
| 16 | 60007 | Slide Cover (Right) | 滑り板(右) | 1 |
| 17 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ | 1 |
| 18 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド | 3 |
| 19 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ | 3 |
| 20 | 60022 | Felt Holder | 油芯支工 | 1 |
| 21 | 4358 | Screw for 60022, 60010 | 止ネジ | 3 |
| 22 | — | Oil Wick for 60022 | 油芯 | 1 |
| 23 | — | Oil Wick for Machine Frame | 油芯 | 1 |
| 24 | 60188 | Slide Plate (Front) | 滑り板(前) | 1 |
| 25 | 3435 | Screw for 60188 | 滑り板(前)止ネジ | 1 |
| 26 | 60010 | Looper Thread Guard | 糸道カバー | 1 |
| 27 | — | Model Plate (See the table on page 10) | 型式板(10ページ参照) | 1 |
| 28 | 726 | Rivet for Model Plate | 型式板止メ銀 | 2 |

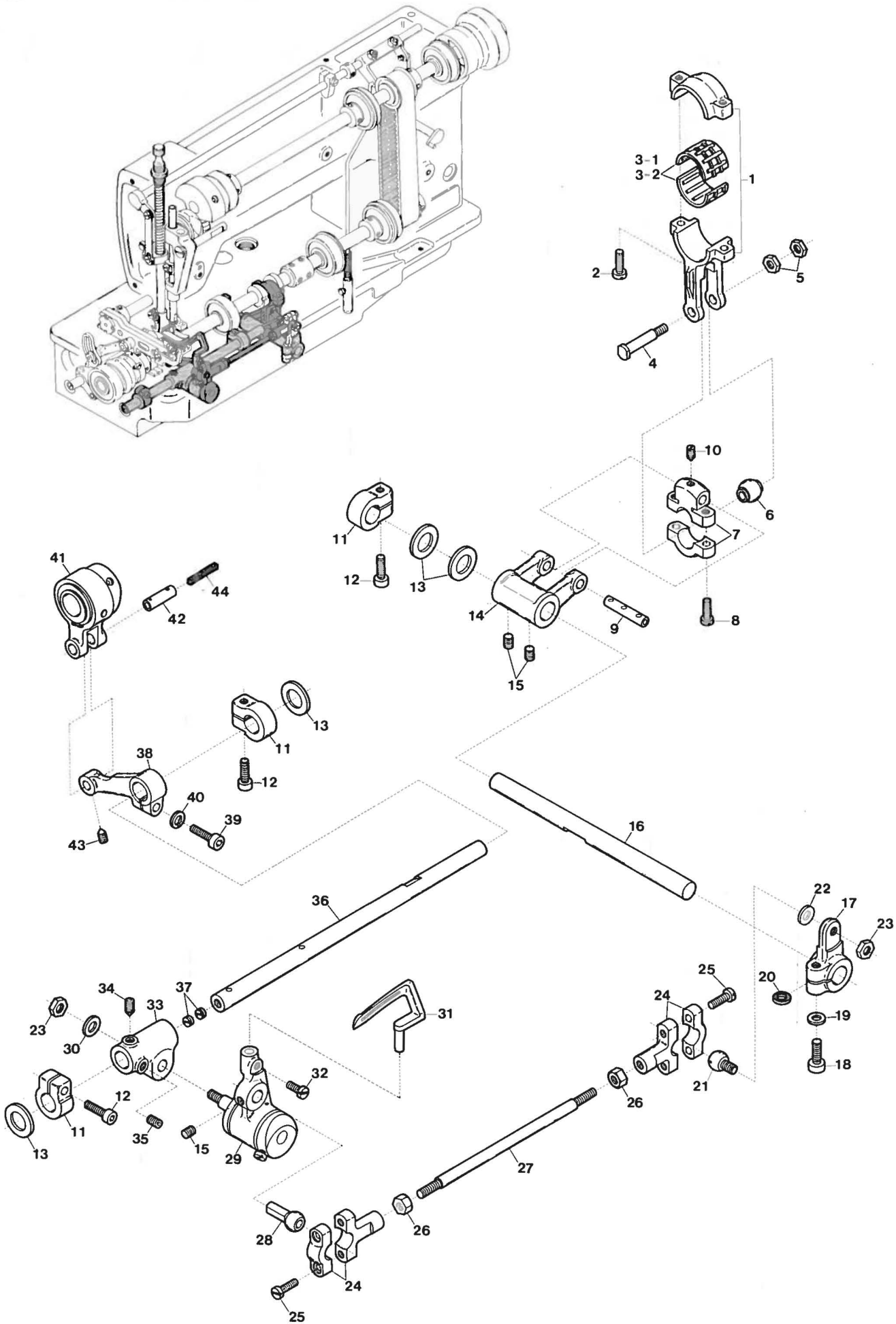


| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---------------------------------------|-----------------|-----------|
| 1 | 93553 | Top Cover Thread Eyelet | 上カバー糸道 | 1 |
| 2 | 4353 | Screw for 93553 | 上カバー糸道止ネジ | 2 |
| 3 | 532 | Washer for 93553 | ワッシャ | 2 |
| 4 | 60170 | Needle Thread Eyelet | 針糸道 | 2 |
| 5 | 9142 | Screw for 60170, 60187 | 止ネジ | 3 |
| 6 | 60176 | Safety Plate | セーフティプレート | 1 |
| 7 | 1230 | Screw for 60176 | セーフティプレート止ネジ | 2 |
| 8 | 6004 | Screw for 60175 | セーフティプレートホルダ止ネジ | 1 |
| 9 | 10 | Spring Washer for 60175 | スプリングワッシャ | 1 |
| 10 | 60175 | Safety Plate Holder | セーフティプレートホルダ | 1 |
| 11 | 547 | Washer for 60175, 60186 | ワッシャ | 2 |
| 12 | 334 | Nut for 60175 | ナット | 1 |
| 13 | 60173 | Needle Thread Take-Up Eyelet Holder | 針糸繰りホルダ | 1 |
| 14 | 4358 | Screw for 60173 | 針糸繰りホルダ止ネジ | 1 |
| 15 | 60174 | Needle Thread Take-Up Eyelet | 針糸繰り | 1 |
| 16 | 531 | Washer for 60174, 90848, 60179 | ワッシャ | 4 |
| 17 | 1222 | Screw for 60174 | 針糸繰り止ネジ | 1 |
| 18 | 60171 | Needle Bar Thread Take-Up Eyelet | 針棒糸道 | 1 |
| 19 | 60178 | Cast-Off Supporting Plate | カム糸道取付板 | 1 |
| 20 | 4353 | Screw for 60178 | カム糸道取付板止ネジ | 2 |
| 21 | 90848 | Looper Thread Take-Up Eyelet | 調子カム糸道 | 2 |
| 22 | 5133 | Screw for 90848, 60179 | 止ネジ | 3 |
| 23 | 60179 | Cast-Off Plate | 糸押工 | 1 |
| 24 | 1810 | Tension Post | 糸調子棒 | 1 |
| 25 | 32425 | Thread Retainer Plate | 小調子皿 | 1 |
| 26 | 90846 | Thread Retainer Plate Spring | 小調子バネ | 1 |
| 27 | 340 | Nut for 90846 | ナット | 1 |
| 28 | 60180 | Looper Thread Take-Up | 下糸調子カム | 1 |
| 29 | 3638 | Screw for 60180 | 下糸調子カム止ネジ | 2 |
| 30 | 93547 | Thread Tension Spring Cap | 渦巻バネキャップ(上) | 2 |
| 31 | 90847 | Looper Thread Tension Spring | 糸調子バネ(下糸) | 1 |
| 32 | 60184 | Needle Thread Tension Spring | 糸調子バネ(針糸) | 1 |
| 33 | 93549 | Thread Tension Spring Retainer | 渦巻バネキャップ(下) | 2 |
| 34 | 286 | Felt for 31111 | フェルト | 2 |
| 35 | 31111 | Tension Disc | 糸調子皿 | 4 |
| 36 | 9844 | Tension Post | 糸調子棒 | 2 |
| 37 | 90812 | Tension Post Ferrule | 調子棒糸摺レ | 2 |
| 38 | 60185 | Tension Disc Separator | 糸緩メ板 | 1 |
| 39 | 90857 | Tension Disc Eyelet for Looper Thread | 下糸調子皿糸道 | 1 |
| 40 | 90856 | Tension Disc Eyelet for Needle Thread | 針糸調子皿糸道 | 1 |
| 41 | 60186 | Tension Post Support | 糸調子台 | 1 |
| 42 | 4437 | Screw for 60186 | 糸調子台止ネジ | 1 |
| 43 | 90807 | Thread Lead-In Guide | 調子台糸道 | 2 |
| 44 | 813 | Nut for Tension Post | ナット | 1 |
| 45 | 60187 | Looper Thread Eyelet | ルーバ糸道 | 1 |
| 46 | 90824 | Tension Release Lever Spring | 糸緩メ防振バネ | 1 |
| 47 | 60183 | Looper Thread Guide | ルーバ糸案内 | 1 |
| 48 | 5345 | Screw for 60183 | ルーバ糸案内止ネジ | 1 |

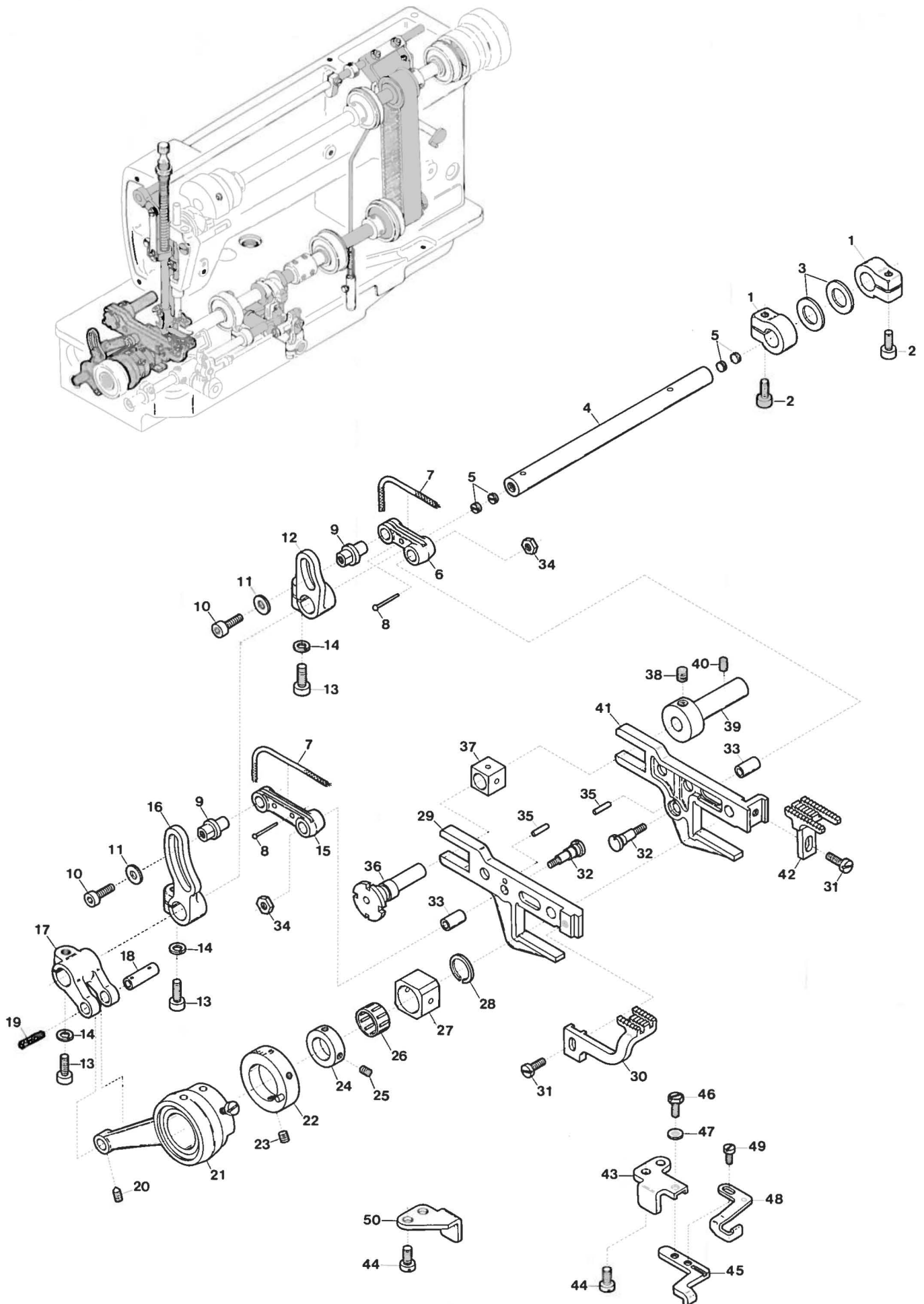


| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|---------------|-----------|
| 1 | 60021 | Oiling Felt for 60040 | 給油フェルト | 1 |
| 2 | 531 | Washer for 60021 | ワッシャ | 1 |
| 3 | 5036 | Screw for 60021 | 給油フェルト止ネジ | 1 |
| 4 | 60060 | Needle Bar | 針棒 | 1 |
| 5 | | Needle (System: UY128GAS) | 針 | 1 |
| 6 | 3637 | Screw for Needle | 針止ネジ | 1 |
| 7 | 60061 | Needle Thread Hanger | 針糸掛ケ | 1 |
| 8 | 8051 | Screw for 60061 | 針糸掛ケ止ネジ | 1 |
| 9 | 60042 | Needle Bar Bushing (Lower) | 針棒ブッシュ(下) | 1 |
| 10 | 385 | Felt for 60042 | フェルト | 1 |
| 11 | 60040 | Needle Bar Yoke | 針棒フレーム | 1 |
| 12 | 60041 | Needle Bar Bushing (Upper) | 針棒ブッシュ(上) | 1 |
| 13 | 9852 | Screw for 60040 | 針棒フレーム止ネジ | 1 |
| 14 | 60056 | Stop Ring | 止メ輪 | 1 |
| 15 | 60043 | Needle Bar Yoke Shaft | 針棒フレームシャフト | 1 |
| 16 | 3632 | Screw for 60043 | 針棒フレームシャフト止ネジ | 2 |
| 17 | 60048 | Needle Bar Connection | 針棒抱キ | 1 |
| 18 | 7311 | Screw for 60048 | 針棒抱キ止ネジ | 1 |
| 19 | 60044 | Needle Bar Connecting Rod, Complete Set | 針棒ロッド(組) | 1 |
| 20 | 60039 | Upper Shaft Counterweight | バランスウエイト | 1 |
| 21 | 5118 | Screw for 60039 | バランスウエイト止ネジ | 1 |
| 22 | 3792 | Screw for 60039 | バランスウエイト決メネジ | 1 |
| 23 | 3793 | Screw for 60039 | バランスウエイト止ネジ | 1 |
| 24 | 60037 | Upper Shaft | 上軸 | 1 |
| 25 | 77199 | Upper Shaft Ball Bearing (Left) | 上軸ボールベアリング | 2 |
| 26 | 60038 | Ball Bearing Holder (Long) | ベアリング受け(長) | 1 |
| 27 | 3649 | Screw for 60038, 93151, 93085, 60036 | 決メネジ | 5 |
| 28 | 3646 | Screw for 60038, 60036 | 止メネジ | 2 |
| 29 | 93151 | Ball Bearing Holder (Short) | ベアリング受け(短) | 4 |
| 30 | 3652 | Screw for 93151, 93085 | 止ネジ | 3 |
| 31 | 3647 | Screw for 93151, 93085 | 止ネジ | 7 |
| 32 | 93090 | Ball Bearing for 60037, 60053 | ボールベアリング | 4 |
| 33 | 93085 | Upper Shaft Sprocket | ベルトプーリ(上) | 1 |
| 34 | 93088 | Lower Shaft Driving Belt | タイミングベルト | 1 |
| 35 | 60036 | Pulley | プーリ | 1 |
| 36 | 93141 | Lower Shaft Driving Sprocket | ベルトプーリ(下) | 1 |
| 37 | 3635 | Screw for 93141 | ベルトプーリ(下)止ネジ | 2 |
| 38 | 60053 | Lower Shaft, Complete Set | クランクシャフト(組) | 1 |
| 39 | 60057 | Stop Ring | 止メ輪 | 1 |
| 40 | 60058 | Lower Shaft Ball Bearing (Middle) | ボールベアリング(中) | 1 |
| 41 | 60078 | Feed Driving Eccentric | 前後送りエキセン | 1 |
| 42 | 3405 | Screw for 60078 | 前後送りエキセン止ネジ | 2 |
| 43 | 77283 | Lower Shaft Ball Bearing (Left) | ボールベアリング(左) | 1 |

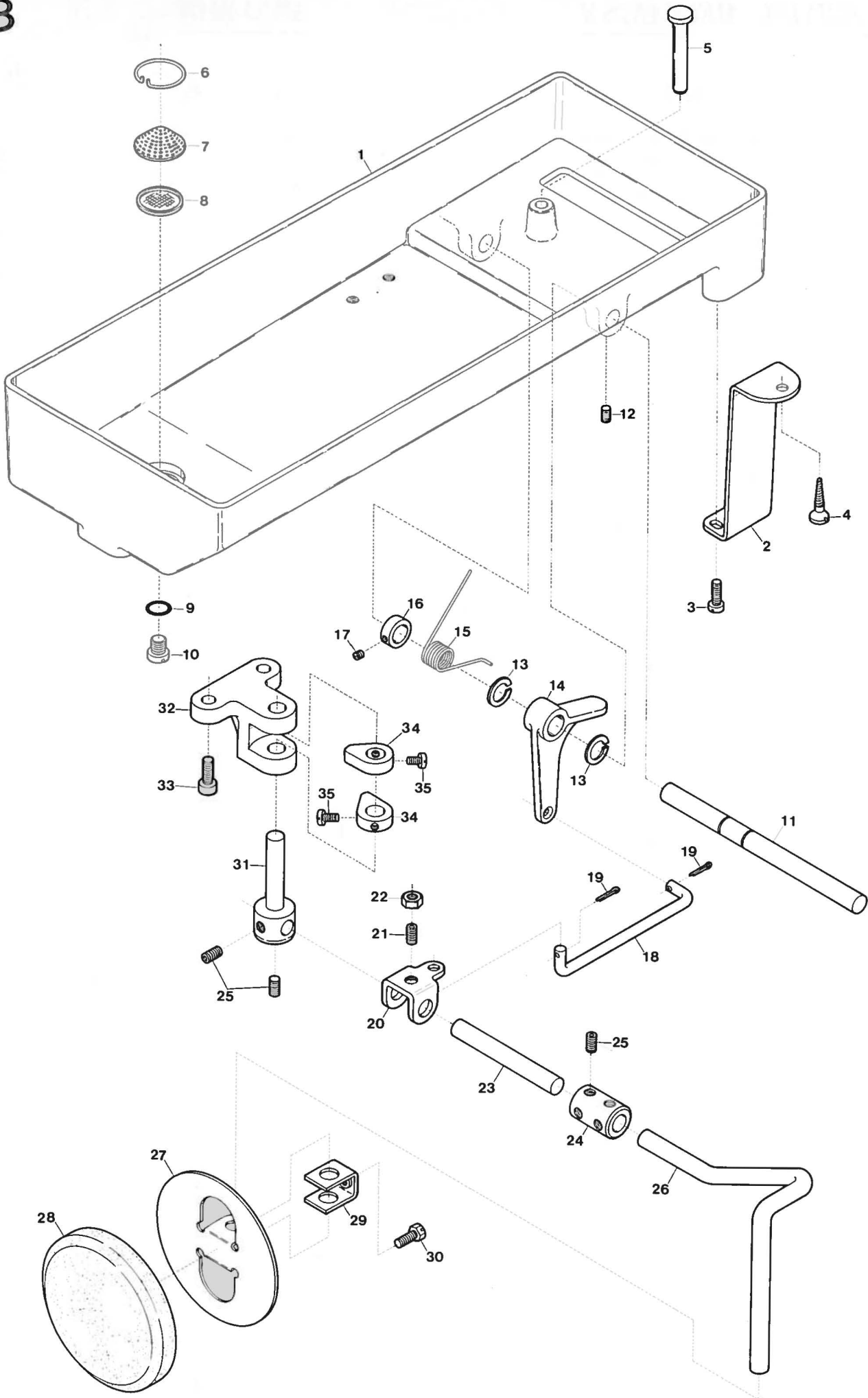
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|----------------------------------|---------------|-----------|
| 1 | 77270 | Presser Spring Regulator | 押工調節ネジ(組) | 1 |
| 2 | 90620 | Cotter Pin | 割ピン | 1 |
| 3 | 445 | Lock Nut for 77270 | 廻り止メナット | 1 |
| 4 | 60141 | Presser Bar Spring (Outer) | 押工棒バネ(太) | 1 |
| 5 | 60142 | Presser Bar Spring (Inner) | 押工棒バネ(細) | 1 |
| 6 | 77264 | Presser Bar Guide Bracket | 押工棒ダキ(組) | 1 |
| 7 | 8163 | Screw for 77264 | 押工棒ダキ(組)止ネジ | 1 |
| 8 | 60151 | Needle Bar Connection Block | 押工棒ダキブロック | 1 |
| 9 | 1202 | Screw for 60151 | 押工棒ダキブロック止ネジ | 1 |
| 10 | 60145 | Foot Lifter Link | 押工釣り | 1 |
| 11 | 6038 | Screw for 60145 | 押工釣り止ネジ | 2 |
| 12 | 93480 | Presser Bar | 押工棒 | 1 |
| 13 | 60154 | Presser Foot, Complete Set | 押工(組) | 1 |
| 14 | 1186 | Screw for 60154 | 押工(組)止ネジ | 1 |
| 15 | 60138 | Chain Cutting Knife | チェーンカッター | 1 |
| 16 | 1225 | Screw for 60138 | チェーンカッター止ネジ | 1 |
| 17 | 60050 | Stitch Plate | 針板 | 1 |
| 18 | 9142 | Screw for 60050 | 針板止ネジ | 2 |
| 19 | 60153 | Presser Bar Lifter Adjusting Pin | 手揚ゲピン | 1 |
| 20 | 60152 | Presser Bar Lifter | 手揚ゲ | 1 |
| 21 | 3638 | Screw for 60152, 93491 | 止ネジ | 5 |
| 22 | 60144 | Foot Lifter Shaft Lever | 押工揚ゲレバー | 1 |
| 23 | 690 | Pin for 60144 | 押工揚ゲレバーピン | 1 |
| 24 | 60143 | Foot Lifter Shaft | 押工揚ゲ軸 | 1 |
| 25 | 60136 | Presser Foot Lifter Bar Stopper | 押工揚ゲ棒ストップバ | 1 |
| 26 | 5542 | Screw for 60136 | 押工揚ゲ棒ストップバ止ネジ | 1 |
| 27 | 93491 | Collar for 60143, 90803 | カラー | 2 |
| 28 | 60146 | Foot Lifter Yoke | 押工揚ゲヨーク | 1 |
| 29 | 3632 | Screw for 60146 | 押工揚ゲヨーク止ネジ | 2 |
| 30 | 419 | Nut for 60146 | ナット | 2 |
| 31 | 60147 | Tension Release Connecting Rod | 糸緩メ連結桿 | 1 |
| 32 | 32715 | Cotter Pin | 割ピン | 3 |
| 33 | 60148 | Tension Release Lever | 糸緩メレバー | 1 |
| 34 | 530 | Washer for 60148 | ワッシャ | 1 |
| 35 | 5550 | Screw for 60148 | 糸緩メレバー止ネジ | 1 |
| 36 | 90803 | Tension Release Lever Shaft | 糸緩メ軸 | 1 |
| 37 | 60149 | Foot Lifter Bar | 押工揚ゲ棒 | 1 |
| 38 | 60150 | Foot Lifter Bar Spring | 押工揚ゲ棒バネ | 1 |
| 39 | 77275 | Foot Lifter Bar Sleeve | 押工揚ゲ棒スリーブ | 1 |
| 40 | 5509 | Screw for 77275 | 押工揚ゲ棒スリーブ止ネジ | 1 |



| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|--|------------------|-----------|
| 1 | 34196 | Looper Driving Lever Connecting Rod | ルーパロッド | 1 |
| 2 | 5070 | Screw for 34196 | ルーパロッド止ネジ | 2 |
| 3-1 | 34406 | Connecting Rod Roller Bearing (Standard) | ニードルベアリング(標準) | 1 |
| 3-2 | 34197 | " " " " (For Exchange) | ニードルベアリング(交換用) | 1 |
| 4 | 34103 | Ball Clamp Stud | 球固定ピン | 1 |
| 5 | 340 | Nut for 34103 | ナット | 2 |
| 6 | 34102 | Ball | 球 | 1 |
| 7 | 34100 | Looper Driving Lever Link | ルーパリンク | 1 |
| 8 | 2043 | Screw for 34100 | ルーパリンク止ネジ | 2 |
| 9 | 32786 | Looper Driving Lever Link Pin | ルーパリンクピン | 1 |
| 10 | 3404 | Screw for 32786 | ルーパリンクピン止ネジ | 1 |
| 11 | 33104 | Shaft Collar | カラー | 3 |
| 12 | 5550 | Screw for 33104 | カラー止ネジ | 3 |
| 13 | 60107 | Thrust Washer | スラストプレート | 4 |
| 14 | 60106 | Looper Driving Lever | ルーパ軸腕 | 1 |
| 15 | 3635 | Screw for 60106, 60112 | 止ネジ | 3 |
| 16 | 60105 | Looper Driving Shaft | ルーパ軸 | 1 |
| 17 | 60108 | Looper Rocker Arm | ルーパ振り腕 | 1 |
| 18 | 5115 | Screw for 60108 | ルーパ振り腕止ネジ | 1 |
| 19 | 520 | Washer for 60108 | ワッシャ | 1 |
| 20 | 567 | Washer for 60108 | ワッシャ | 1 |
| 21 | 60109 | Looper Connector Ball Stud (Right) | 横ロッド球(右) | 1 |
| 22 | 570 | Washer for 60109 | ワッシャ | 1 |
| 23 | 306 | Nut for 60109, 60119 | ナット | 2 |
| 24 | 60110 | Looper Connector Ball Joint | 横ロッド | 2 |
| 25 | 1174 | Screw for 60110 | 横ロッド止ネジ | 4 |
| 26 | 355 | Nut for 60113 | ナット | 2 |
| 27 | 60113 | Looper Connector | 横ロッド連結桿 | 1 |
| 28 | 60112 | Looper Connector Ball Stud (Left) | 横ロッド球(左) | 1 |
| 29 | 60119 | Looper Holder, Complete Set | ルーパ台(組) | 1 |
| 30 | 562 | Washer for 60119 | ワッシャ | 1 |
| 31 | 94510 | Looper | ルーパ | 1 |
| 32 | 9508 | Screw for 94510 | ルーパ止ネジ | 1 |
| 33 | 60120 | Looper Holder Frame | ルーパ台フレーム | 1 |
| 34 | 3649 | Screw for 60120 | ルーパ台フレーム決メネジ | 1 |
| 35 | 3646 | Screw for 60120 | ルーパ台フレーム止ネジ | 1 |
| 36 | 60121 | Looper Rocker Shaft | ルーパ前後軸 | 1 |
| 37 | 7645 | Screw for 60121 | 蓋ネジ | 2 |
| 38 | 60127 | Looper Rocker Shaft Lever | ルーパ前後軸腕 | 1 |
| 39 | 5650 | Screw for 60127 | ルーパ前後軸腕 | 1 |
| 40 | 600 | Spring Washer for 60127 | スプリングワッシャ | 1 |
| 41 | 60126 | Looper Rocker Rod, Complete Set | ルーパ前後ロッド(組) | 1 |
| 42 | 32799 | Looper Rocker Rod, Link Pin | ルーパ前後ロッドリンクピン | 1 |
| 43 | 3313 | Screw for 32799 | ルーパ前後ロッドリンクピン止ネジ | 1 |
| 44 | 278 | Oil Wick for 32799 | 油芯 | 1 |

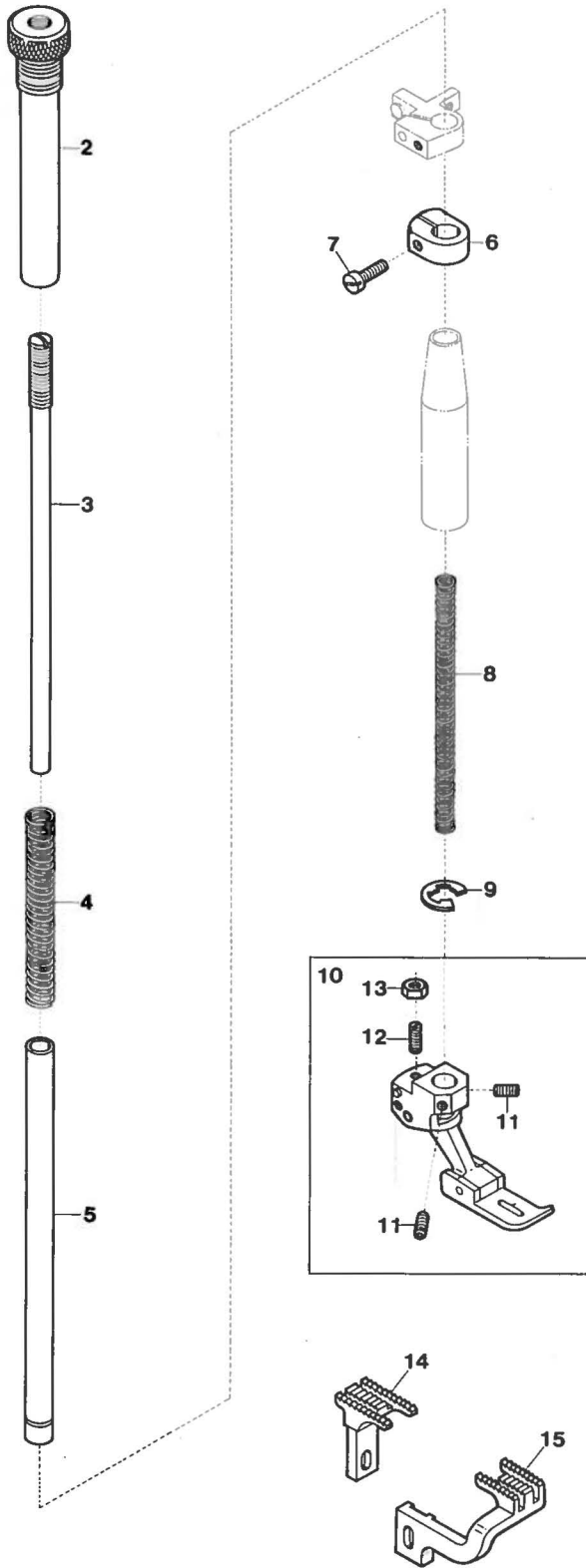


| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|--------------|-----------|
| 1 | 33104 | Feed Bar Driving Shaft Collar | 送り軸カラー | 2 |
| 2 | 5550 | Screw for 33104 | 送り軸カラー止ネジ | 2 |
| 3 | 60107 | Looper Driving Shaft Thrust Washer | スラストプレート | 2 |
| 4 | 60084 | Feed Driving Shaft | 送り軸 | 1 |
| 5 | 7645 | Screw for 60084 | 送り軸蓋ネジ | 4 |
| 6 | 60089 | Main Feed Bar Driving Connection | 後送りリンク | 1 |
| 7 | | Oil Wick for 60089, 60086 | 油芯 | 2 |
| 8 | 755 | Pin for Oil Wick | 油芯止メピン | 3 |
| 9 | 60087 | Feed Bar Driving Lever Pin | 送りレバーピン | 2 |
| 10 | 5028 | Screw for 60087 | 送りレバーピン止ネジ | 2 |
| 11 | 551 | Washer for 60087 | ワッシャ | 2 |
| 12 | 60088 | Main Feed Bar Driving Lever | 後送りレバー | 1 |
| 13 | 5650 | Screw for 60088, 60085, 60082 | 止ネジ | 3 |
| 14 | 600 | Spring Washer for 60088, 60085, 60082 | スプリングワッシャ | 3 |
| 15 | 60086 | Differential Feed Bar Driving Connection | 前送りリンク | 1 |
| 16 | 60085 | Differential Feed Bar Driving Lever | 前送りレバー | 1 |
| 17 | 60082 | Feed Bar Driving Shaft Lever | 送り軸腕 | 1 |
| 18 | 32799 | Feed Driving Connecting Rod Pin | 送りロッドピン | 1 |
| 19 | 278 | Oil Wick for 32799 | 油芯 | 1 |
| 20 | 3313 | Screw for 32799 | 送りロッドピン止ネジ | 1 |
| 21 | 60083 | Feed Driving Connecting Rod, Complete Set | 送りロッド(組) | 1 |
| 22 | 60081 | Feed Regulating Graduation | 目盛リング | 1 |
| 23 | 3638 | Screw for 60081 | 目盛リング止ネジ | 2 |
| 24 | 60077 | Feed Lift Block Callar | 角駒カラー | 1 |
| 25 | 3637 | Screw for 60077 | 角駒カラー止ネジ | 2 |
| 26 | 60090 | Feed Block Roller Bearing | 角駒ベアリング | 1 |
| 27 | 60075 | Feed Lift Block | 角駒(大) | 1 |
| 28 | 60076 | Feed Lift Block Retaining Ring | 角駒(大)スペーサ | 1 |
| 29 | 60070 | Differential Feed Bar | 前送り台 | 1 |
| 30 | 60091 | Differential Feed Dog | 前送り | 1 |
| 31 | 1175 | Screw for 60091, 60092 | 止ネジ | 2 |
| 32 | 32864 | Feed Bar Driving Stud | 送りリンクピン | 2 |
| 33 | 32853 | Feed Bar Driving Connection Bushing | 送りリンクブッシュ | 2 |
| 34 | 451 | Nut for 32853 | 送りリンクピンナット | 2 |
| 35 | 687 | Pin for 32864 | 送りリンクピンロックピン | 2 |
| 36 | 33141 | Feed Adjusting Eccentric Pin | エキセンピン | 1 |
| 37 | 32867 | Feed Bar Guide Block | 角駒(小) | 1 |
| 38 | 3635 | Screw for 33141 | エキセンピン止ネジ | 1 |
| 39 | 34134 | Feed Bar Guide (Rear) | 送り台ガイド(後) | 1 |
| 40 | 3632 | Screw for 34134 | 送り台ガイド(後)止ネジ | 1 |
| 41 | 60071 | Main Feed Bar | 後送り台 | 1 |
| 42 | 60092 | Main Feed Dog | 後送り | 1 |
| 43 | 60072 | Feed Bar Guide (Right) | 送り台ガイド(右) | 1 |
| 44 | 4440 | Screw for 60072, 60073 | 止ネジ | 4 |
| 45 | 60051 | Needle Guard (Rear) | 針受ケ(後) | 1 |
| 46 | 5531 | Screw for 60051 | 針受ケ(後)止ネジ | 1 |
| 47 | 531 | Washer for 60051 | ワッシャ | 1 |
| 48 | 60052 | Needle Guard (Front) | 針受ケ(前) | 1 |
| 49 | 1230 | Screw for 60052 | 針受ケ(前)止ネジ | 1 |
| 50 | 60073 | Feed Bar Guide (Left) | 送り台ガイド(左) | 1 |

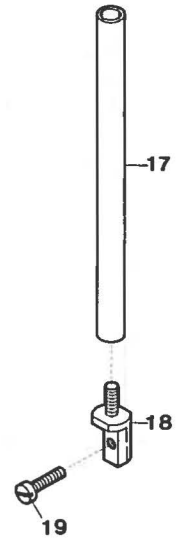


| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---------------------------------------|---------------|-----------|
| 1 | 60024 | Oil Receiver | 油受ケ | 1 |
| 2 | 77502 | Oil Receiver Hanger | 油受ケハンガー | 3 |
| 3 | 4440 | Screw for 77502 | 油受ケハンガー止ネジ | 6 |
| 4 | 1100 | Wood Screw | 木ネジ | 3 |
| 5 | 60160 | Knee Lifter Plunger | ニープレスピン | 1 |
| 6 | 32898 | Round Oil Filter Screen Clamp | 濾過網押工(上) | 1 |
| 7 | 32933 | Round Oil Filter Screen (Coarse Mesh) | 濾過網(荒目) | 1 |
| 8 | 32931 | Round Oil Filter Screen (Fine Mesh) | 濾過網(細目) | 1 |
| 9 | 32421 | Drain Hole Seal | リング | 1 |
| 10 | 5076 | Drain Hole Screw | 油抜きネジ | 1 |
| 11 | 60161 | Knee Press Shaft | ニープレスシャフト | 1 |
| 12 | 3638 | Screw for 60161 | ニープレスシャフト止ネジ | 2 |
| 13 | 60056 | Stop Ring | 止メ輪 | 2 |
| 14 | 60162 | Knee Press Lever | ニープレ斯拉バー | 1 |
| 15 | 77519 | Knee Press Spring | ニープレスバネ | 1 |
| 16 | 32719 | Knee Press Shaft Collar | ニープレスシャフトカラー | 1 |
| 17 | 1459 | Screw for 32719 | 止ネジ | 1 |
| 18 | 60147 | Knee Press Connection | ニープレス連結桿 | 1 |
| 19 | 32715 | Cotter Pin | 割ピン | 2 |
| 20 | 60163 | Knee Press Connection Yoke | 連結桿ヨーク | 1 |
| 21 | 3632 | Screw for 60163 | 連結桿ヨーク止ネジ | 1 |
| 22 | 419 | Nut for 60163 | ナット | 1 |
| 23 | 60169 | Knee Press Shaft | ニープレスフレームシャフト | 1 |
| 24 | 60168 | Shaft Connector | 継手 | 1 |
| 25 | 3635 | Screw for 60168, 60165 | 止ネジ | 6 |
| 26 | 60167 | Knee Press Shank | ニープレスシャंक | 1 |
| 27 | 77511 | Knee Press Plate | ニープレス | 1 |
| 28 | 77512 | Knee Press Pad | ニープレスパッド | 1 |
| 29 | 77520 | Knee Press Clamp | ニープレスホルダ | 1 |
| 30 | 5553 | Screw for 77520 | ニープレスホルダ止ネジ | 1 |
| 31 | 60165 | Knee Press Shank Holder Pin | ニープレスフレームピン | 1 |
| 32 | 60164 | Knee Press Shank Bracket | ニープレスフレーム | 1 |
| 33 | 5520 | Screw for 60164 | ニープレスフレーム止ネジ | 2 |
| 34 | 60166 | Knee Press Stopper | ニープレスストッパ | 2 |
| 35 | 9508 | Screw for 60166 | ニープレスストッパ止ネジ | 4 |

1
DS-100 フローティングフット



16
DS-100 本縫用



PARTS FOR FLOATING FOOT & LOCK STITCH

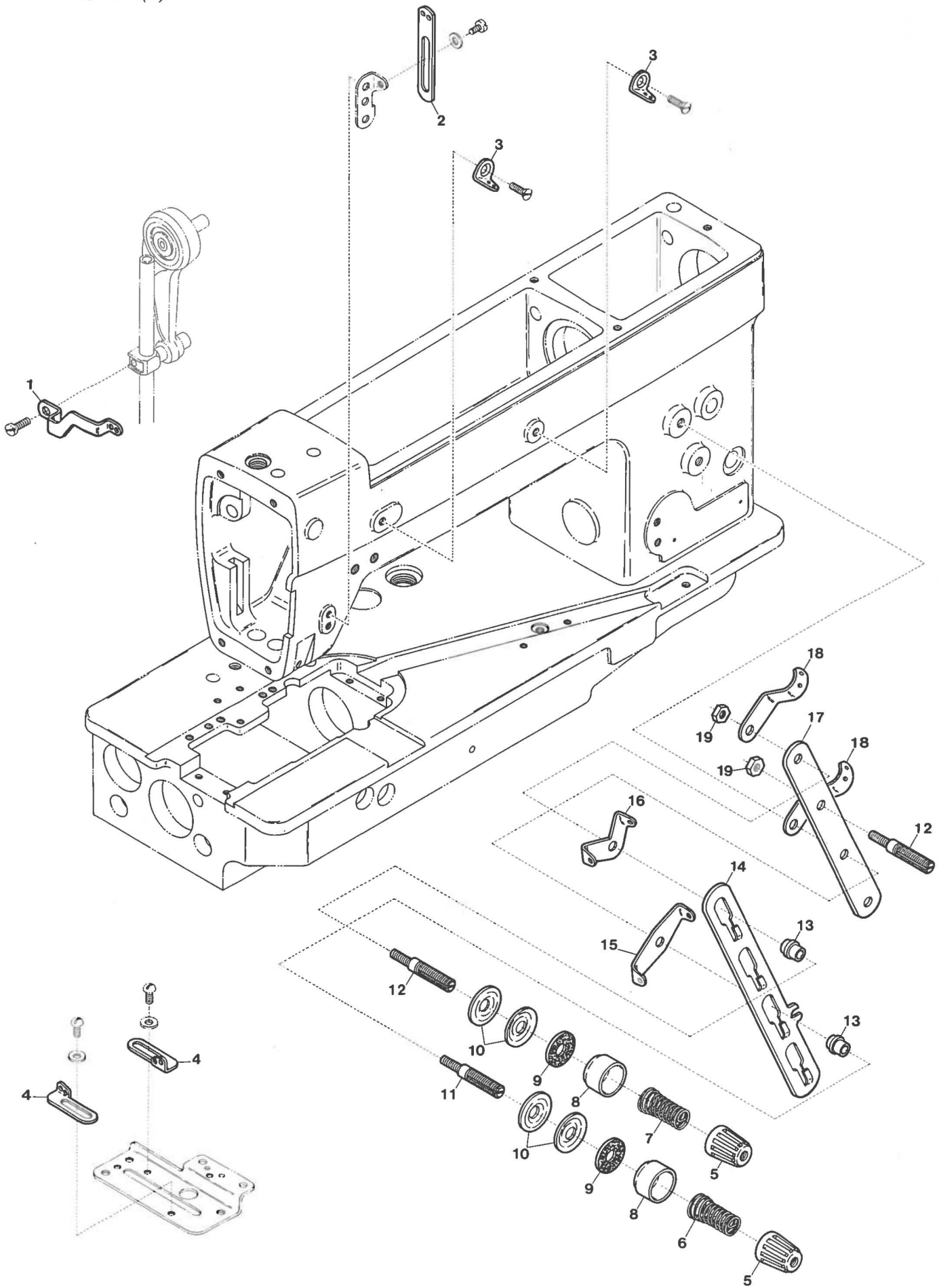
フローティングフット

9

及び本縫用部品

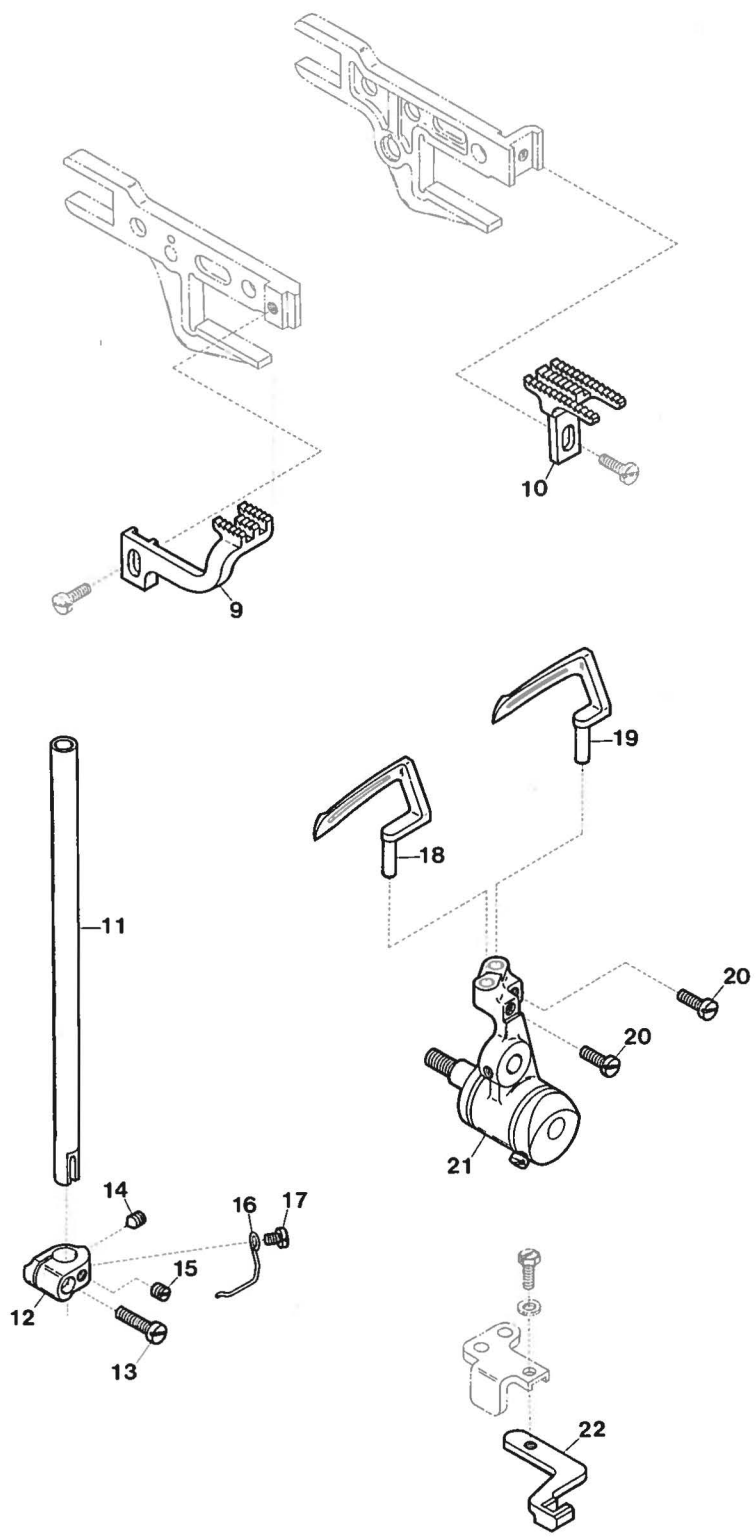
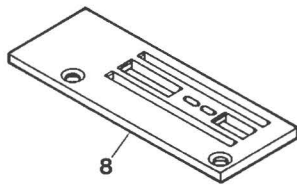
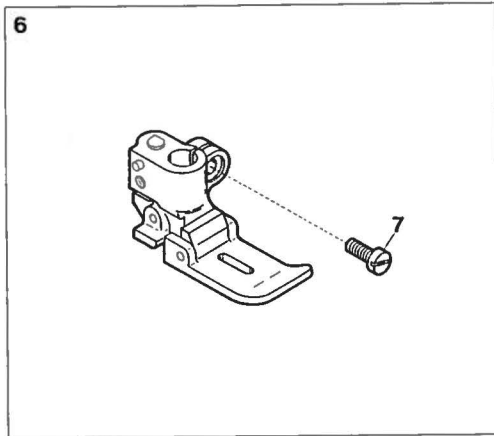
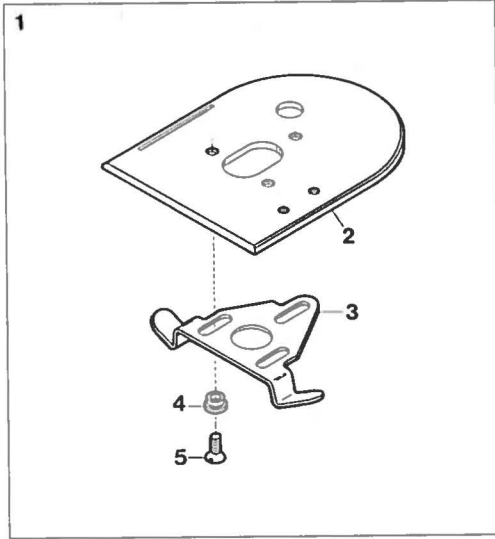
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|---------------|-----------|
| 1 | 60264 | Floating Foot, Complete Set | フローティングフット(組) | 1 |
| 2 | 9700 | Screw for 60272 | 押工棒バネネジ | 1 |
| 3 | 60273 | Presser Foot Adjusting Bar | 押工調節棒 | 1 |
| 4 | 60272 | Presser Bar Spring | 押工棒バネ | 1 |
| 5 | 60271 | Presser Bar | 押工棒 | 1 |
| 6 | 33071 | Presser Bar Stopper | 押工棒ストップパ | 1 |
| 7 | 2043 | Screw for 33071 | 押工棒ストップパ止ネジ | 1 |
| 8 | 60276 | Presser Spring | 押工バネ | 1 |
| 9 | 95027 | Presser Stopper | 押工ストップパ | 1 |
| 10 | 60265 | Presser Foot, Complete Set | 押工(組) | 1 |
| 11 | 3638 | Screw for 60265 | 押工止ネジ | 2 |
| 12 | 9533 | Adjusting Screw for 60265 | 押工調節ネジ | 1 |
| 13 | 335 | Adjusting Nut for 60265 | 押工調節ナット | 1 |
| 14 | 60259 | Main Feed Dog | 後送り | 1 |
| 15 | 60258 | Differential Feed Dog | 前送り | 1 |
| 16 | 60065 | Presser Bar, Complete Set (for Lock Stitch) | 押工棒(組)(本縫用) | 1 |
| 17 | 60066 | Presser Bar (") | 押工棒(") | 1 |
| 18 | 60067 | Presser Foot Adapter (") | 押工アダプタ(") | 1 |
| 19 | 4353 | Screw for Presser Foot (") | 押工止ネジ(") | 1 |

DS-102(1)



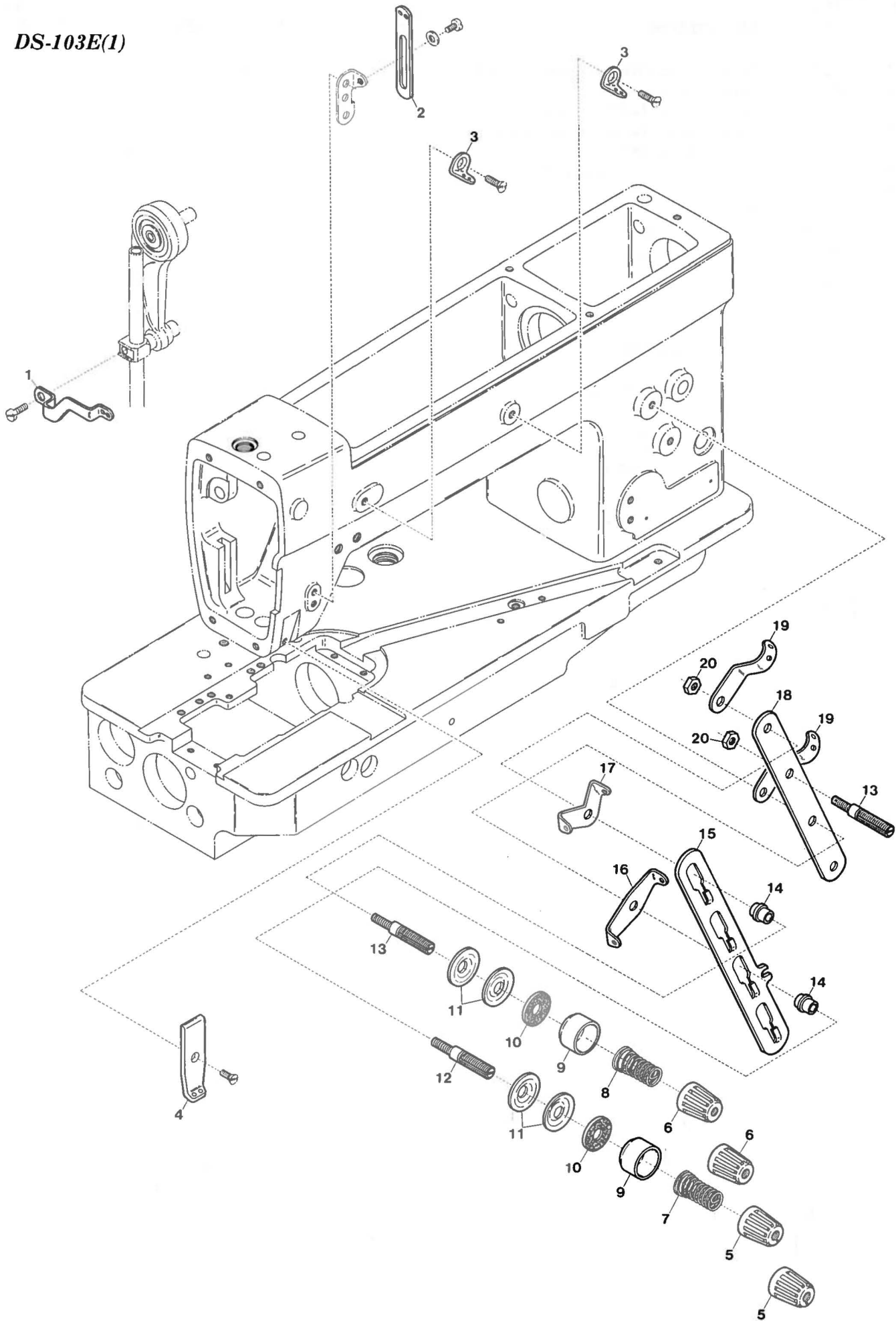
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|-----------------------------------|-------------|-----------|
| 1 | 60301 | Needle Bar Thread Take-Up Eyelet | 針棒糸道 | 1 |
| 2 | 60300 | Needle Thread Take-Up Eyelet | 針糸繰り | 1 |
| 3 | 60299 | Needle Thread Eyelet | 針糸道 | 2 |
| 4 | 91388 | Looper Thread Take-Up Eyelet | 調子カム糸道 | 2 |
| 5 | 93547 | Thread Tension Spring Cap | 渦巻バネキャップ(上) | 2 |
| 6 | 90847 | Looper Thread Tension Spring | ルーバ糸調子バネ | 1 |
| 7 | 60184 | Needle Thread Tension Spring | 針糸調子バネ | 1 |
| 8 | 93549 | Thread Tension Spring Retainer | 渦巻バネキャップ(下) | 2 |
| 9 | 286 | Felt for 31111 | フェルト | 2 |
| 10 | 31111 | Tension Disc | 糸調子皿 | 4 |
| 11 | 9844 | Tension Post | 糸調子棒 | 1 |
| 12 | 9835 | Tension Post | 糸調子棒 | 1 |
| 13 | 90812 | Tension Post Ferrule | 調子棒糸摺シ | 2 |
| 14 | 90804 | Tension Disc Separater | 糸緩メ板 | 1 |
| 15 | 90857 | Looper Thread Tension Disc Eyelet | ルーバ糸調子皿糸道 | 1 |
| 16 | 90856 | Needle Thread Tension Disc Eyelet | 針糸調子皿糸道 | 1 |
| 17 | 90805 | Tension Post Supporter | 糸調子台 | 1 |
| 18 | 90807 | Thread Lead-In Guide | 糸調子台糸道 | 2 |
| 19 | 334 | Nut for 9835 | ナット | 2 |

| MODEL PLATE for CLASS DS-100 | | | |
|------------------------------|-----------|--------|-----------|
| Models | Parts No. | Models | Parts No. |
| DS-100 | 60025 | DS-130 | 60521 |
| 100/UT | 60200 | 130/CT | 60564 |
| 102 | 60280 | 131 | 60537 |
| 103E | 60360 | 131/CT | 60567 |
| 105 | 60340 | | |

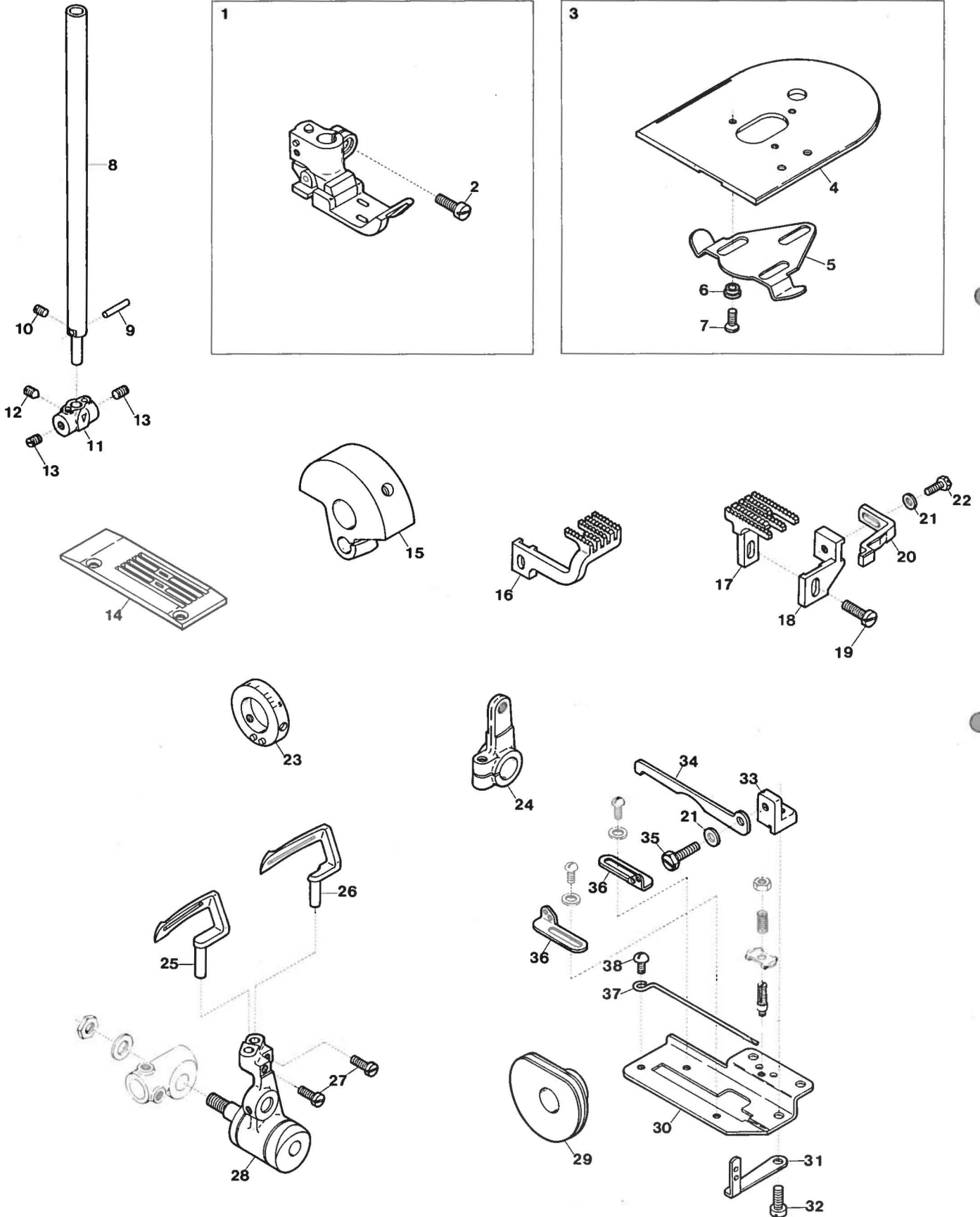


| <i>Ref. No.</i> | <i>Parts No.</i> | <i>Description</i> | <i>品 名</i> | <i>Amt. Req.</i> |
|---------------------|----------------------|-----------------------------------|----------------|----------------------|
| 1 | 60304 | Slide Cover (Right), Complete Set | 滑り板(右)(組) | 1 |
| 2 | 60305 | Slide Cover (Right) | 滑り板(右) | 1 |
| 3 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ | 1 |
| 4 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド | 3 |
| 5 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ | 3 |
| 6 | 60291 | Presser Foot, Complete Set | 押工(組) | 1 |
| 7 | 1186 | Screw for 60291 | 押工(組)止ネジ | 1 |
| 8 | 60281 | Stitch Plate | 針板 | 1 |
| 9 | 60289 | Differential Feed Dog | 前送り | 1 |
| 10 | 60290 | Main Feed Dog | 後送り | 1 |
| 11 | 60282 | Needle Bar | 針棒 | 1 |
| 12 | 60283 | Needle Clamp | 針止メ | 1 |
| 13 | 1170 | Screw for Needle (Rear) | 針(後)止ネジ | 1 |
| 14 | 3404 | Screw for 60283 | 針止メ止ネジ | 1 |
| 15 | 1457 | Screw for Needle (Front) | 針(前)止ネジ | 1 |
| 16 | 90330 | Needle Clamp Thread Hook | 針止メ糸掛ケ | 1 |
| 17 | 1228 | Screw for 90330 | 針止メ糸掛ケ止ネジ | 1 |
| 18 | 60287 | Looper (Front) | ルーバ(前) | 1 |
| 19 | 60288 | Looper (Rear) | ルーバ(後) | 1 |
| 20 | 9508 | Screw for 60287, 60288 | ルーバ止ネジ | 2 |
| 21 | 60285 | Looper Holder, Complete Set | ルーバ台(組) | 1 |
| 22 | 60284 | Needle Guard | 針受ケ | 1 |

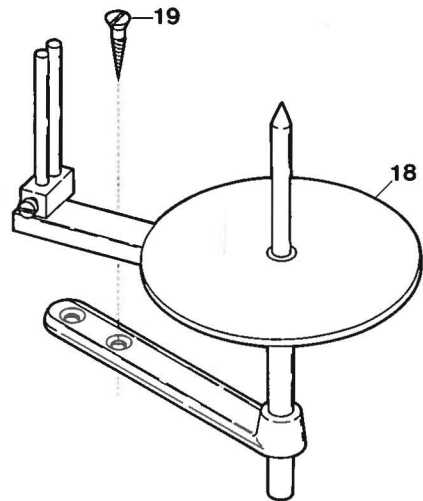
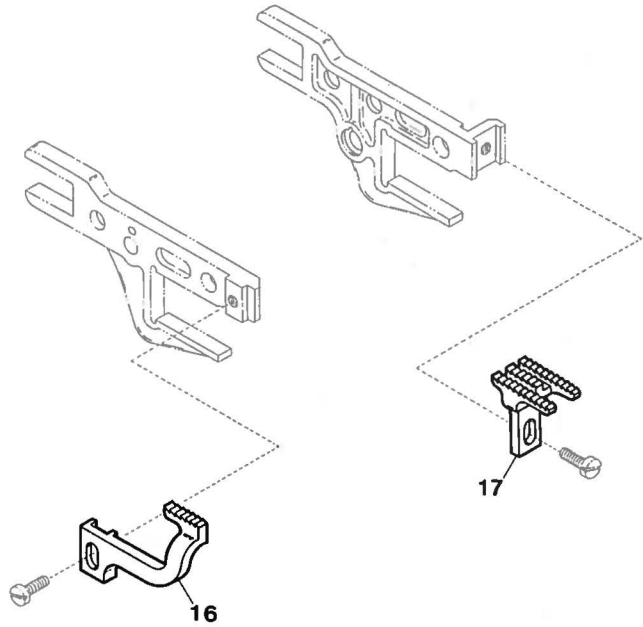
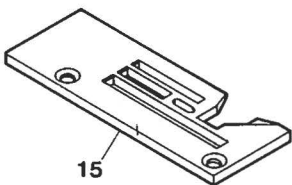
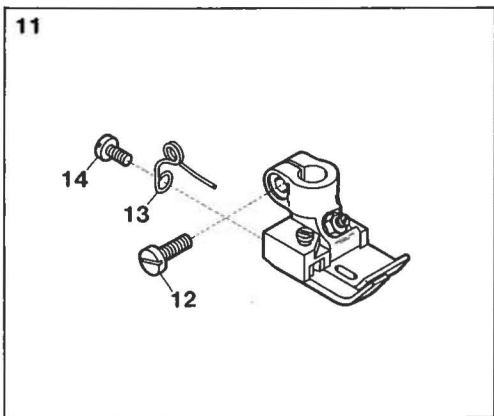
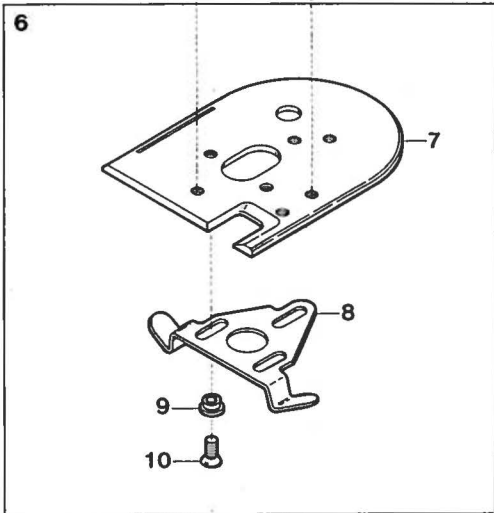
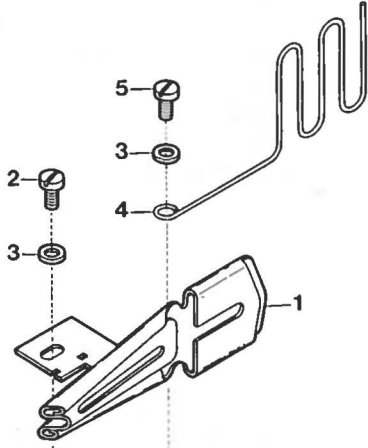
DS-103E(1)



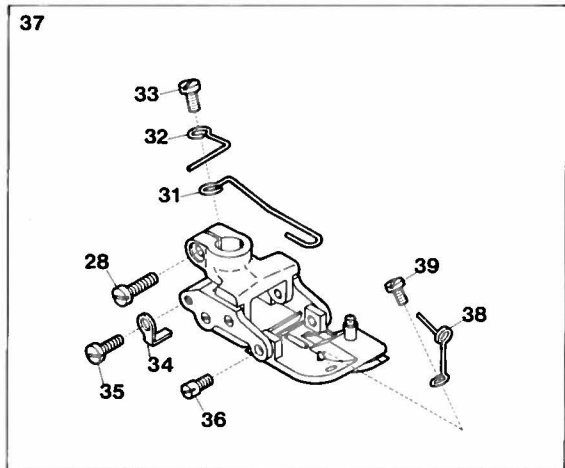
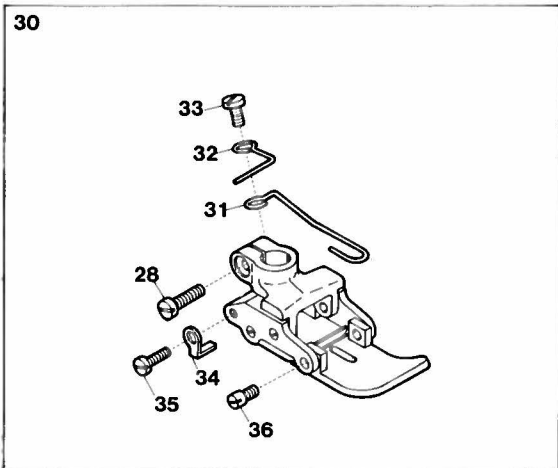
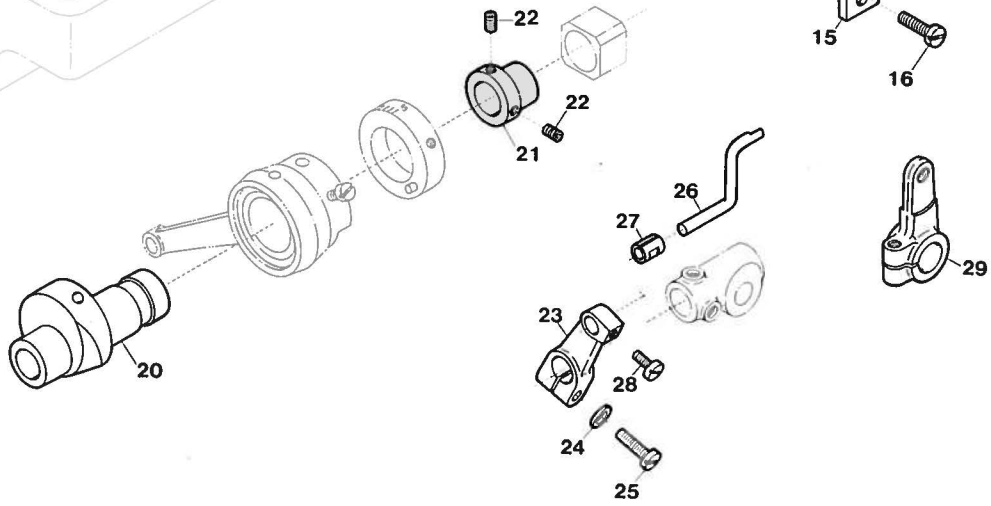
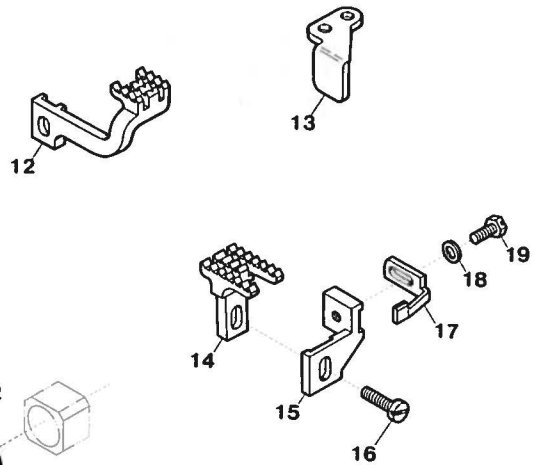
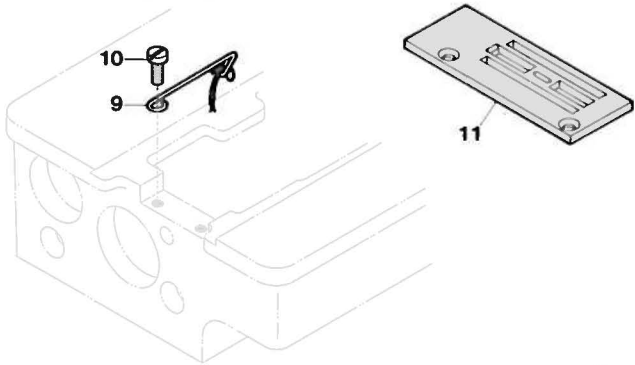
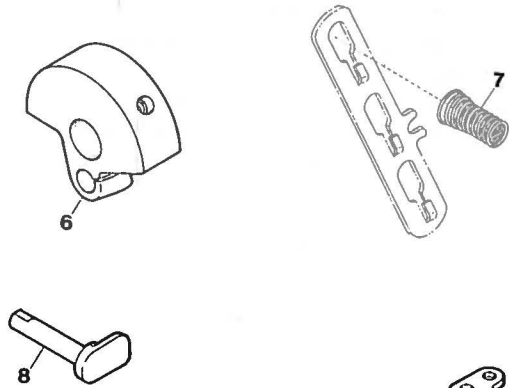
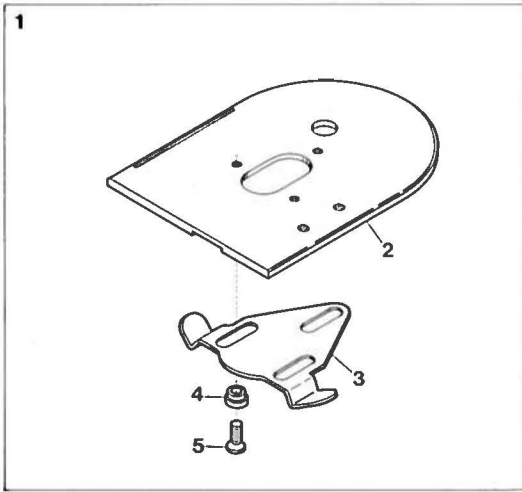
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|-----------------------------------|-------------|-----------|
| 1 | 60301 | Needle Bar Thread Take-Up Eyelet | 針棒糸道 | 1 |
| 2 | 60300 | Needle Thread Take-Up Eyelet | 針糸繰り | 1 |
| 3 | 60299 | Needle Thread Eyelet | 針糸道 | 2 |
| 4 | 60379 | Needle Thread Guide | 針糸道ガイド | 1 |
| 5 | 60381 | Looper Thread Tension Spring Cap | 渦巻バネキャップ(上) | 2 |
| 6 | 93547 | Needle Thread Tension Spring Cap | 渦巻バネキャップ(上) | 2 |
| 7 | 90847 | Looper Thread Tension Spring | ルーバ糸調子バネ | 1 |
| 8 | 60184 | Needle Thread Tension Spring | 針糸調子バネ | 1 |
| 9 | 93549 | Thread Tension Spring Retainer | 渦巻バネキャップ(下) | 2 |
| 10 | 286 | Felt for 31111 | フェルト | 2 |
| 11 | 31111 | Tension Disc | 糸調子皿 | 4 |
| 12 | 9844 | Tension Post (Long) | 糸調子棒(長) | 1 |
| 13 | 9835 | Tension Post (Short) | 糸調子棒(短) | 2 |
| 14 | 90812 | Tension Post Ferrule | 糸調子棒糸摺レ | 2 |
| 15 | 90804 | Tension Disc Separator | 糸緩メ板 | 1 |
| 16 | 90857 | Looper Thread Tension Disc Eyelet | 下糸調子皿糸道 | 1 |
| 17 | 90856 | Needle Thread Tension Disc Eyelet | 針糸調子皿糸道 | 1 |
| 18 | 90805 | Tension Post Supporter | 糸調子台 | 1 |
| 19 | 90807 | Thread Lead-In Guide | 糸調子台糸道 | 2 |
| 20 | 334 | Nut for 9835 | ナット | 2 |



| Ref. No. | Parts No. | Description | 品 名 | Amt. Req. |
|----------|-----------|-----------------------------------|----------------|-----------|
| 1 | 60367 | Presser Foot, Complete Set | 押工(組) | 1 |
| 2 | 1186 | Screw for 60367 | 押工(組)止ネジ | 1 |
| 3 | 60375 | Slide Cover (Right), Complete Set | 滑り板(右)(組) | 1 |
| 4 | 60378 | Slide Cover (Right) | 滑り板(右) | 1 |
| 5 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ | 1 |
| 6 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド | 3 |
| 7 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ | 3 |
| 8 | 60320 | Needle Bar | 針棒 | 1 |
| 9 | 60380 | Needle Stopper Pin | 針止メピン | 1 |
| 10 | 3637 | Screw for 60380 | 針止メピン止ネジ | 1 |
| 11 | 60362 | Needle Clamp | 針止メ | 1 |
| 12 | 3404 | Screw for 60362 | 針止メ止ネジ | 1 |
| 13 | 3433 | Screw for Needle | 針止ネジ | 2 |
| 14 | 60361 | Stitch Plate | 針板 | 1 |
| 15 | 60377 | Upper Shaft Counterweight | バランススウェイト | 1 |
| 16 | 60365 | Differential Feed Dog | 前送り | 1 |
| 17 | 60366 | Main Feed Dog | 後送り | 1 |
| 18 | 60526 | Needle Guard Block | 針受ケブロック | 1 |
| 19 | 7405 | Screw for 60526 | 針受ケブロック止ネジ | 1 |
| 20 | 60363 | Needle Guard | 針受ケ | 1 |
| 21 | 531 | Washer for 60363, 60372 | ワッシャ | 2 |
| 22 | 5531 | Screw for 60363 | 針受ケ止ネジ | 1 |
| 23 | 60376 | Feed Regulating Graduation | 目盛りリング | 1 |
| 24 | 60524 | Looper Rocker Arm | ルーバ振り腕 | 1 |
| 25 | 60310 | Looper (Front) | ルーバ(前) | 1 |
| 26 | 60364 | Looper (Rear) | ルーバ(後) | 1 |
| 27 | 9508 | Screw for 60310, 60364 | ルーバ止ネジ | 2 |
| 28 | 60285 | Looper Holder | ルーバ台 | 1 |
| 29 | 60370 | Looper Thread Take-Up | 下糸調子カム | 1 |
| 30 | 60371 | Cast-Off Supporting Plate | カム糸道取付板 | 1 |
| 31 | 60374 | Looper Thread Eyelet (Long) | ルーバ糸道(長) | 1 |
| 32 | 4353 | Screw for 60374 | ルーバ糸道(長)止ネジ | 1 |
| 33 | 93540 | Retaining Finger Bracket | 糸案内台 | 1 |
| 34 | 60372 | Retaining Finger | ルーバ糸案内(上) | 1 |
| 35 | 7605 | Screw for 60372 | ルーバ糸案内(上)止ネジ | 1 |
| 36 | 91388 | Looper Thread Take-Up Eyelet | 調子カム糸道 | 2 |
| 37 | 60373 | Cast-Off Wire | ルーバ糸案内(下) | 1 |
| 38 | 5131 | Screw for 60373 | ルーバ糸案内(下)止ネジ | 1 |

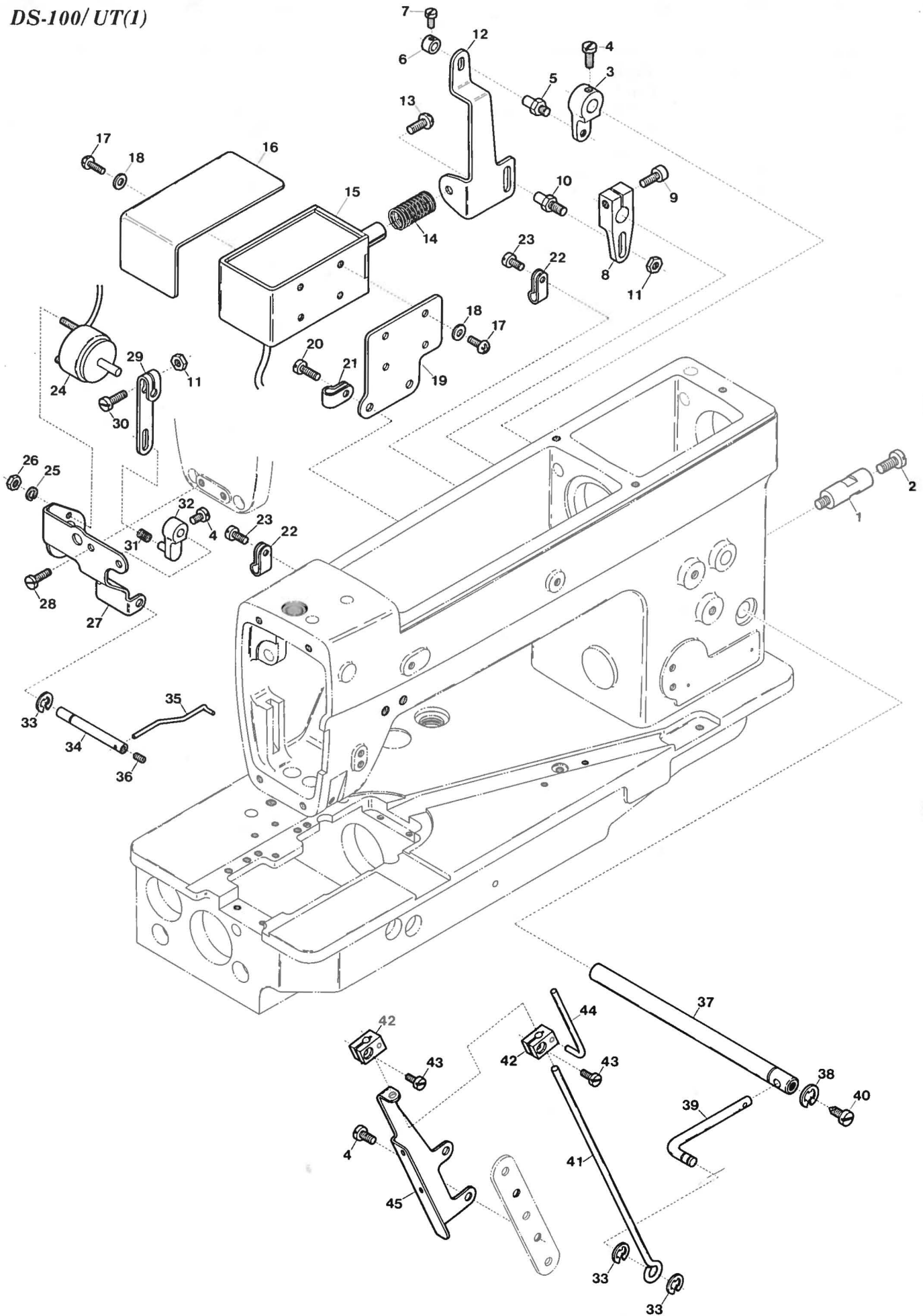


| Ref. No. | Parts No. | Description | 品 名 | Amt. Req. |
|----------|-----------|---|---------------------|-----------|
| 1 | 60349 | Folder | 定規..... | 1 |
| 2 | 1175 | Screw for 60349 | 定規止ネジ..... | 1 |
| 3 | 533 | Washer for 60349, 60350 | ワッシャ..... | 2 |
| 4 | 60350 | Tape Guide | テープガイド..... | 1 |
| 5 | 1202 | Screw for 60350 | テープガイド止ネジ..... | 1 |
| 6 | 60348 | Slide Cover (Right), Complete Set | 滑り板(右)(組)..... | 1 |
| 7 | 60341 | Slide Cover (Right) | 滑り板(右)..... | 1 |
| 8 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ..... | 1 |
| 9 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド..... | 3 |
| 10 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ..... | 3 |
| 11 | 60345 | Presser Foot, Complete Set | 押工(組)..... | 1 |
| 12 | 1186 | Screw for 60345 | 押工(組)止ネジ..... | 1 |
| 13 | 91725 | Presser Foot Spring | 押工バネ..... | 1 |
| 14 | 9730 | Screw for 91725 | 押工バネ止ネジ..... | 1 |
| 15 | 60342 | Stitch Plate | 針板..... | 1 |
| 16 | 60343 | Differential Feed Dog | 前送り..... | 1 |
| 17 | 60344 | Main Feed Dog | 後送り..... | 1 |
| 18 | 99050 | Tape Stand | テープスタンド..... | 1 |
| 19 | ----- | Screw for 99050 | テープスタンド止ネジ..... | 2 |

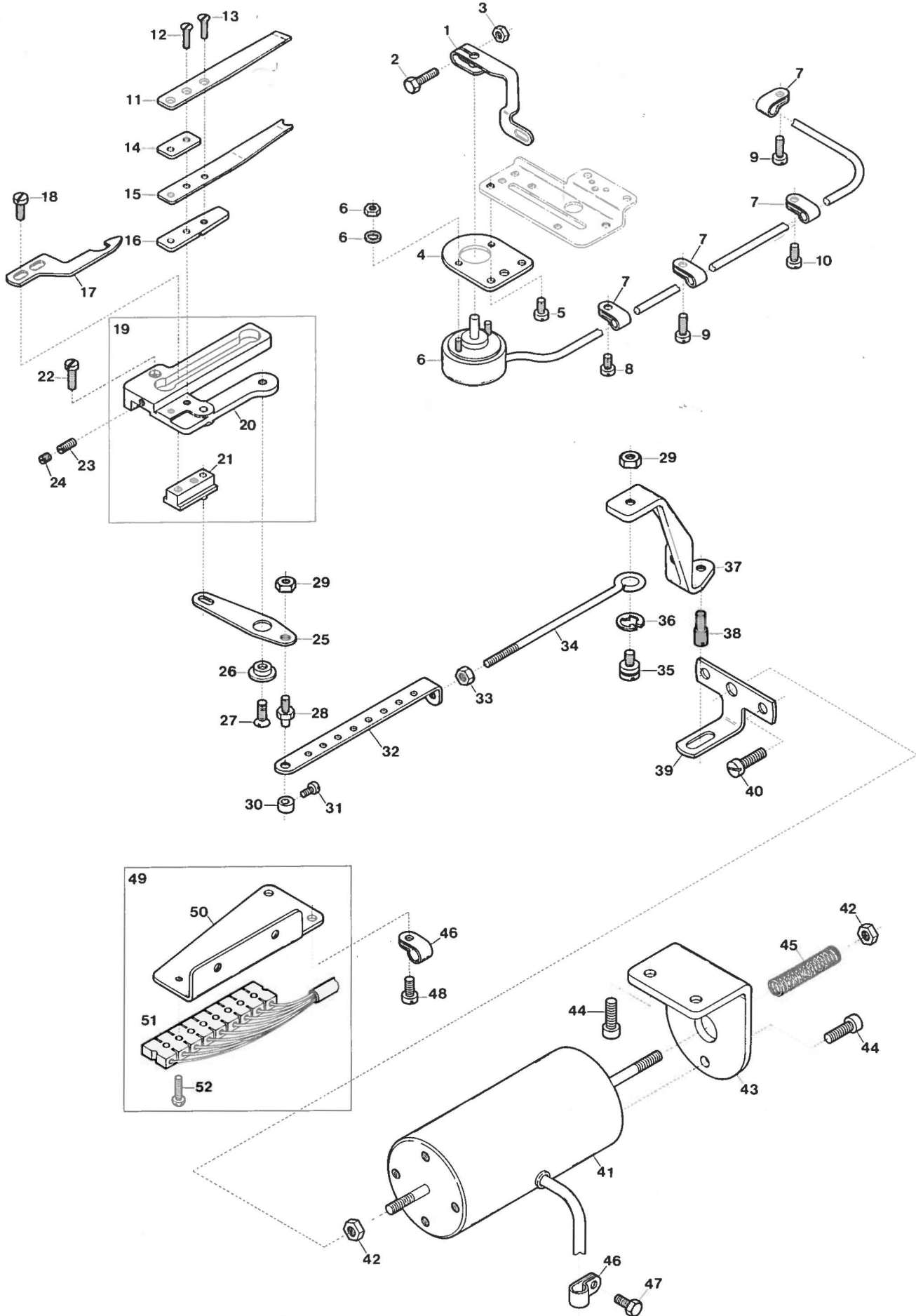


| Ref. No. | Parts No. | Description | 品 名 | Amt. Req. |
|----------|-----------|---------------------------------------|----------------|-----------|
| 1 | 60500 | Slide Cover (Right), Complete Set | 滑り板(右)(組) | 1 |
| 2 | 60501 | Slide Cover (Right) | 滑り板(右) | 1 |
| 3 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ | 1 |
| 4 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド | 3 |
| 5 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ | 3 |
| 6 | 60502 | Upper Shaft Counterweight | バランスウエイト | 1 |
| 7 | 60520 | Needle Thread Tension Spring | 糸調子バネ | 1 |
| 8 | 60519 | Presser Bar Lifter Adjusting Pin | 手揚ゲビン | 1 |
| 9 | 60522 | Oil Wick Holder | 角駒給油支工 | 1 |
| 10 | 4353 | Screw for 60522 | 角駒給油支工止ネジ | 1 |
| 11 | 60507 | Stitch Plate | 針板 | 1 |
| 12 | 60516 | Differential Feed Dog | 前送り | 1 |
| 13 | 60523 | Feed Bar Guide (Right) | 送り台ガイド(右) | 1 |
| 14 | 60517 | Main Feed Dog | 後送り | 1 |
| 15 | 60526 | Needle Guard Block | 針受けブロック | 1 |
| 16 | 7405 | Screw for 60526 | 針受けブロック止ネジ | 1 |
| 17 | 60525 | Needle Guard (Rear) | 針受け(後) | 1 |
| 18 | 531 | Washer for 60525 | ワッシャ | 1 |
| 19 | 5531 | Screw for 60525 | 針受け(後)止ネジ | 1 |
| 20 | 60503 | Feed Driving Eccentric | 前後送りエキセン | 1 |
| 21 | 60504 | Feed Driving Sub-Eccentric (Vertical) | 上下送りエキセン | 1 |
| 22 | 3637 | Screw for 60504 | 上下送りエキセン止ネジ | 2 |
| 23 | 60529 | Needle Guard Arm | 針受け腕 | 1 |
| 24 | 530 | Washer for 60529 | ワッシャ | 1 |
| 25 | 4441 | Screw for 60529 | 針受け腕止ネジ | 1 |
| 26 | 60527 | Needle Guard (Front) | 針受け(前) | 1 |
| 27 | 60528 | Needle Guard Sleeve | 針受けスリーブ | 1 |
| 28 | 1186 | Screw for 60527, 60508, 60530 | 止ネジ | 2 |
| 29 | 60524 | Looper Rocker Arm | ルーバ振り腕 | 1 |
| 30 | 60508 | Presser Foot, Complete Set | 押工(組) | 1 |
| 31 | 60513 | Presser Foot (Front) Spring | 前押工バネ | 1 |
| 32 | 60515 | Presser Foot (Upper) Spring | 押工(上)バネ | 1 |
| 33 | 1230 | Screw for 60515 | 押工(上)バネ止ネジ | 1 |
| 34 | 60514 | Presser Foot (Rear) Stopper | 後押工ストップ | 1 |
| 35 | 1228 | Screw for 60514 | 後押工ストップバ止ネジ | 1 |
| 36 | 5640 | Screw for 60508, 60530 | 押工止ネジ | 6 |
| 37 | 60530 | Presser Foot, Complete Set | 押工(組) | 1 |
| 38 | 60536 | Presser Foot (Small) Spring | 小押工バネ | 1 |
| 39 | 1227 | Screw for 60536 | 小押工バネ止ネジ | 1 |

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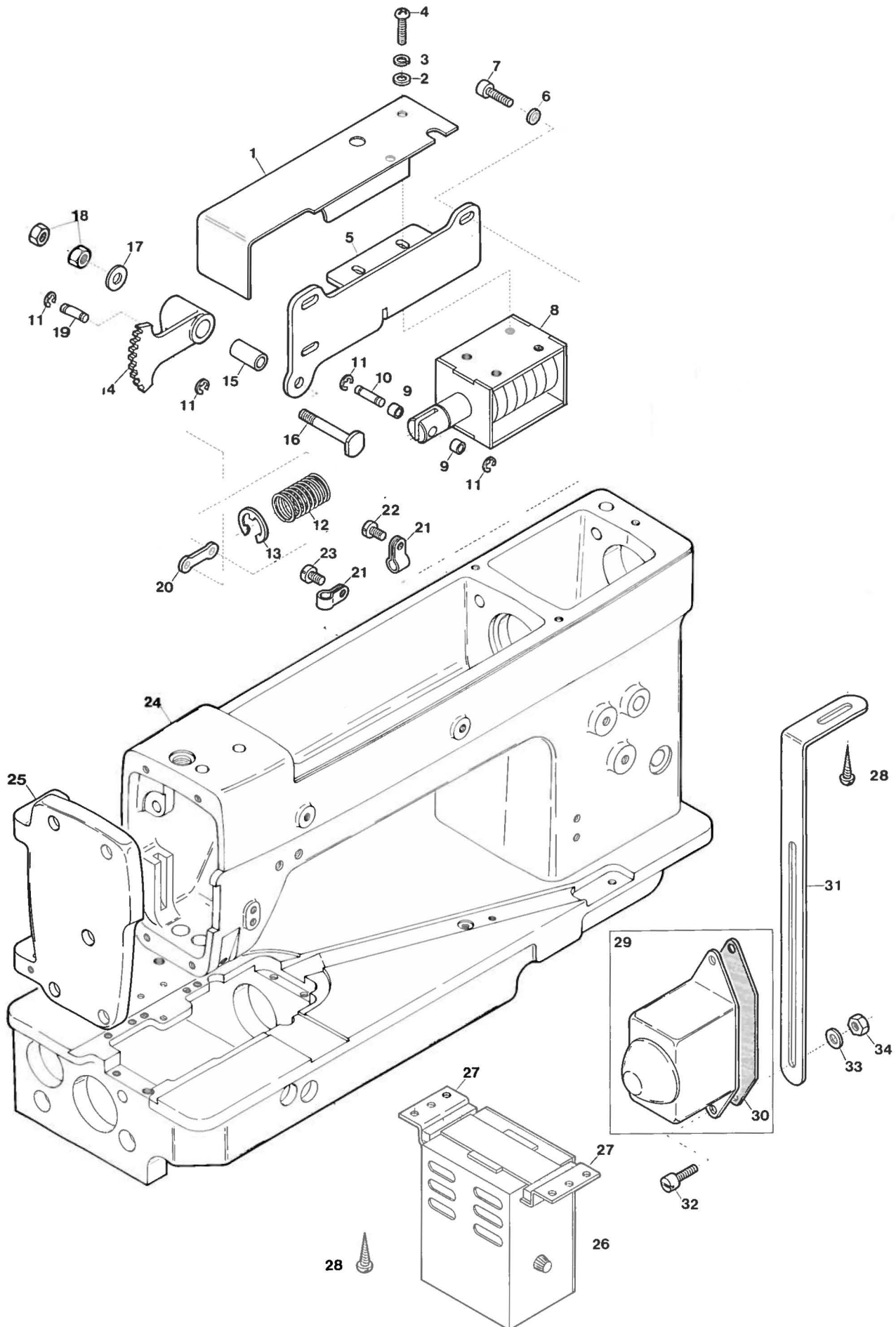
| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|--------------|-----------|
| 1 | 77505 | Synchronizer Pole | シンクロナイザポール | 1 |
| 2 | 9852 | Screw for Synchronizer | シンクロナイザ止ネジ | 1 |
| 3 | 60229 | Tension Disc Separation Lever | 糸緩メレバー(前) | 1 |
| 4 | 9604 | Screw for 60229, 60240, 60237 | 止ネジ | 4 |
| 5 | 60227 | Tension Disc Separation Pin | 調節ピン(短) | 1 |
| 6 | 33081 | Tension Disc Separation Collar | 調節ピンカラー | 1 |
| 7 | 1228 | Screw for 33081 | 調節ピンカラー止ネジ | 1 |
| 8 | 60230 | Needle Thread Pull-Off Lever | 糸繰リレバー(後) | 1 |
| 9 | 5550 | Screw for 60230 | 糸繰リレバー(後)止ネジ | 1 |
| 10 | 60228 | Needle Thread Pull-Off Pin | 調節ピン(長) | 1 |
| 11 | 334 | Nut for 60228, 60241 | ナット | 2 |
| 12 | 60226 | Tension Disc Separation Bracket | 糸緩メ連結プレート | 1 |
| 13 | 9992 | Screw for 60226 | 糸緩メ連結プレート止ネジ | 1 |
| 14 | 60225 | Tension Disc Separation Solenoid Spring | ブランジャバネ | 1 |
| 15 | 11746 | Tension Disc Separation Solenoid | 糸緩メソレノイド(組) | 1 |
| 16 | 60224 | Tension Disc Separation Solenoid Cover | ソレノイドカバー | 1 |
| 17 | 9995 | Screw for 60224, 11746 | 止ネジ | 6 |
| 18 | 531 | Washer for 60224, 11746 | ワッシャ | 6 |
| 19 | 60222 | Tension Disc Separation Solenoid Holder | ソレノイドプレート | 1 |
| 20 | 9150 | Screw for 60222 | ソレノイドプレート止ネジ | 2 |
| 21 | 60248 | Cord Clamp | コードクランプ | 1 |
| 22 | 94491 | Cord Clamp | コードクランプ | 2 |
| 23 | 1175 | Screw for 94491 | コードクランプ止ネジ | 2 |
| 24 | 11748 | Thread Wiper Solenoid | ワイパソレノイド | 1 |
| 25 | 2 | Spring Washer for 11748 | スプリングワッシャ | 2 |
| 26 | 12 | Nut for 11748 | ナット | 2 |
| 27 | 60238 | Thread Wiper Bracket | ワイバブラケット | 1 |
| 28 | 4440 | Screw for 60238 | ワイバブラケット止ネジ | 2 |
| 29 | 60241 | Thread Wiper Solenoid Lever | ソレノイドレバー | 1 |
| 30 | 1156 | Screw for 60241 | ソレノイドレバー止ネジ | 1 |
| 31 | 60239 | Vibration-Proof Spring for Wiper | ワイバ防振バネ | 1 |
| 32 | 60240 | Thread Wiper Shaft Lever | ワイバレバー | 1 |
| 33 | 33024 | Retaining Ring | ストップリング | 3 |
| 34 | 60242 | Thread Wiper Shaft | ワイバ軸 | 1 |
| 35 | 60243 | Thread Wiper | ワイバ | 1 |
| 36 | 3637 | Screw for 60243 | ワイバ止ネジ | 1 |
| 37 | 60231 | Needle Thread Pull-Off Shaft | 糸繰リシャフト | 1 |
| 38 | 95027 | Retaining Ring | ストップリング | 1 |
| 39 | 60232 | Needle Thread Pull-Off Lever (Front) | 糸繰リレバー(前) | 1 |
| 40 | 9517 | Screw for 60232 | 糸繰リレバー(前)止ネジ | 1 |
| 41 | 60233 | Needle Thread Pull-Off Rod | 糸繰リシャンク | 1 |
| 42 | 60234 | Needle Thread Pull-Off Holder | 糸繰リブロック | 2 |
| 43 | 1230 | Screw for 60234 | 糸繰リブロック止ネジ | 2 |
| 44 | 60235 | Needle Thread Pull-Off Hook | 糸繰リフック | 1 |
| 45 | 60237 | Needle Thread Pull-Off Rod Guide | 糸繰リシャンクガイド | 1 |



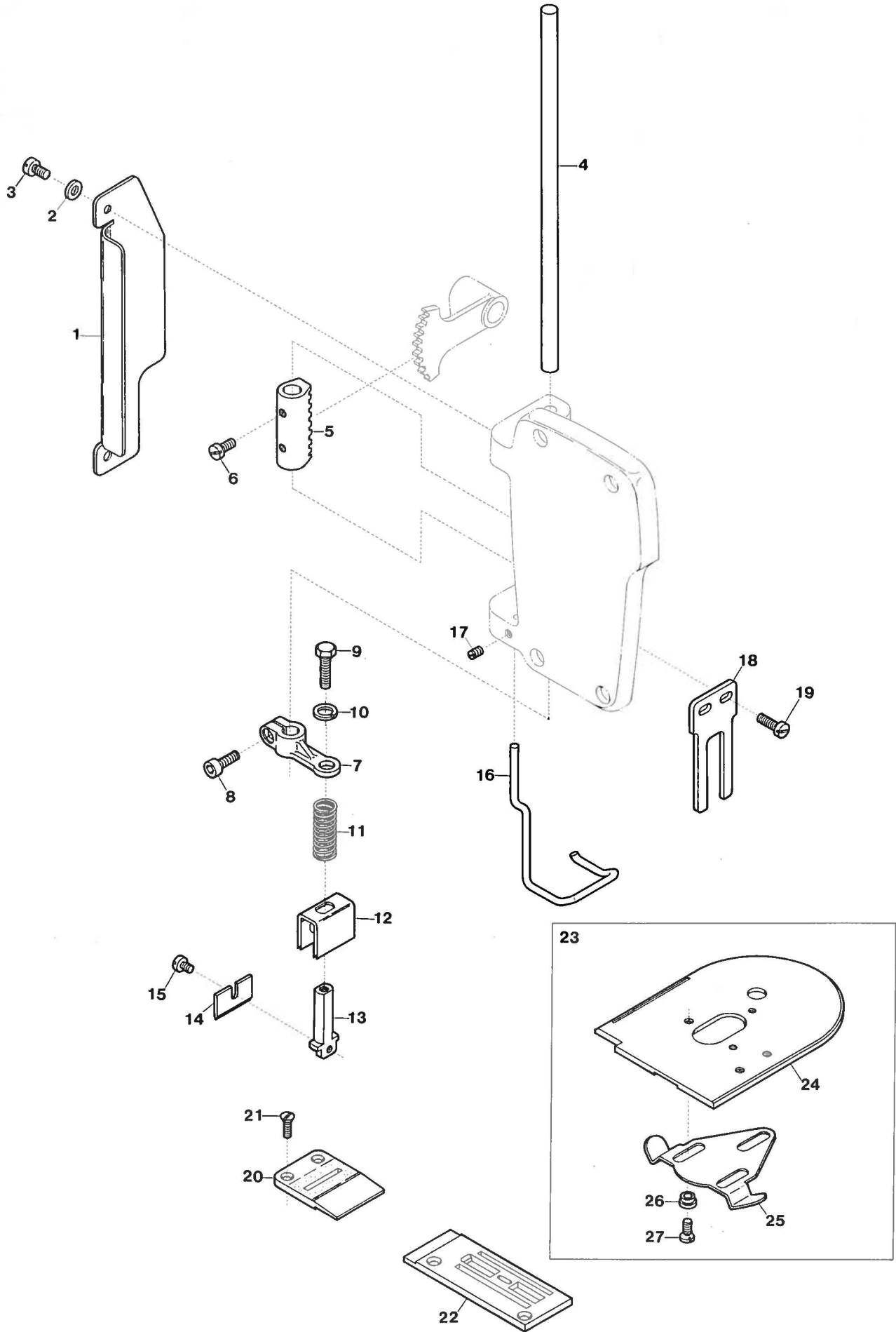
| Ref. No. | Parts No. | Description | 品 名 | Amt. Req. |
|----------|-----------|--|----------------|-----------|
| 1 | 60245 | Looper Thread Pull-Off | ルーバ糸繰り | 1 |
| 2 | 4352 | Screw for 60245 | ルーバ糸繰り止ネジ | 1 |
| 3 | 322 | Nut for 60245 | ナット | 1 |
| 4 | 60244 | Looper Thread Pull-Off Solenoid Holder | ソレノイドプレート | 1 |
| 5 | 1227 | Screw for 60244 | ソレノイドプレート止ネジ | 2 |
| 6 | 11747 | Looper Thread Pull-Off Solenoid | ルーバ糸繰メソレノイド(組) | 1 |
| 7 | 94491 | Cord Clamp | コードクランプ | 4 |
| 8 | 4358 | Screw for 94491 | コードクランプ止ネジ | 1 |
| 9 | 1175 | Screw for 94491 | コードクランプ止ネジ | 2 |
| 10 | 4353 | Screw for 94491 | コードクランプ止ネジ | 1 |
| 11 | 60216 | Upper Knife | メス | 1 |
| 12 | 5424 | Screw for 60216, 60214 | 止ネジ | 3 |
| 13 | 5423 | Adjusting Screw for 60214 | 糸挟ミバネ調節ネジ | 1 |
| 14 | 60215 | Upper Knife Spacer | スペーサ | 1 |
| 15 | 60214 | Clamp Spring | 糸挟ミバネ | 1 |
| 16 | 60213 | Counter Part | 糸挟ミバネプレート | 1 |
| 17 | 60212 | Lower Knife | フック | 1 |
| 18 | 1202 | Screw for 60212 | フック止ネジ | 2 |
| 19 | 60199 | Lower Knife Carrier, Complete Set | フックガイド(組) | 1 |
| 20 | 60210 | Under Trimming Knife Holder | メス台 | 1 |
| 21 | 60211 | Lower Knife Carrier | フックガイド | 1 |
| 22 | 1174 | Screw for 60210 | メス台止ネジ | 2 |
| 23 | 9533 | Screw for 60211 | フックガイドストッパネジ | 1 |
| 24 | 1459 | Screw for 60211 | フックガイドストッパネジ | 1 |
| 25 | 60208 | Lower Knife Lever | フックレバー | 1 |
| 26 | 60209 | Lower Knife Lever Ring | フックレバーリング | 1 |
| 27 | 5343 | Screw for 60209 | フックレバーリング止ネジ | 1 |
| 28 | 60227 | Adjusting Pin (Short) | 調節ピン(短) | 1 |
| 29 | 340 | Nut for 60227, 60205 | ナット | 2 |
| 30 | 33081 | Adjusting Pin Collar | 調節ピンカラー | 1 |
| 31 | 1228 | Screw for 33081 | 調節ピンカラー止ネジ | 1 |
| 32 | 60207 | Under Trimming Connection (Left) | 連結桿(左) | 1 |
| 33 | 335 | Nut for 60206 | ナット | 1 |
| 34 | 60206 | Under Trimming Connection (Right) | 連結桿(右) | 1 |
| 35 | 60205 | Under Trimming Connection Pin | 連結桿ピン | 1 |
| 36 | 95027 | Retaining Pin | ストップリング | 1 |
| 37 | 60203 | Under Trimming Connection Frame | ブランジャフレーム | 1 |
| 38 | 6240 | Screw for 60203 | ブランジャフレーム止ネジ | 1 |
| 39 | 60204 | Under Trimming Connection Guide | ブランジャガイド | 1 |
| 40 | 9852 | Screw for 60204 | ブランジャガイド止ネジ | 2 |
| 41 | 11745 | Cutting Solenoid | 糸切りソレノイド(組) | 1 |
| 42 | 11 | Nut for 11745 | ナット | 2 |
| 43 | 60202 | Cutting Solenoid Holder | ソレノイドホルダ | 1 |
| 44 | 6662 | Screw for 60202, 11745 | 止ネジ | 4 |
| 45 | 94471 | Cutting Solenoid Spring | ブランジャスプリング | 1 |
| 46 | 60248 | Cord Clamp | コードクランプ | 2 |
| 47 | 5509 | Screw for 60248 | コードクランプ止ネジ | 1 |
| 48 | 9150 | Screw for 60221, 60248 | 止ネジ | 2 |
| 49 | 60219 | Terminal Board Bracket, Complete Set | 端子台プレート(組) | 1 |
| 50 | 60221 | Terminal Board Bracket | 端子台プレート | 1 |
| 51 | 60220 | Terminal Board | 端子台 | 1 |
| 52 | 9991 | Screw for 60220 | 端子台止ネジ | 3 |

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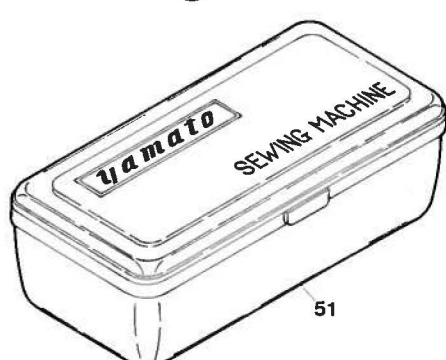
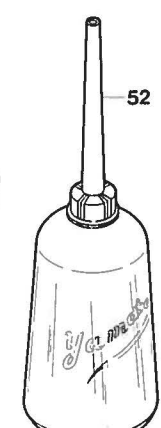
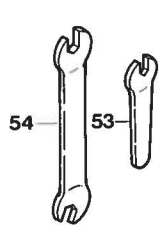
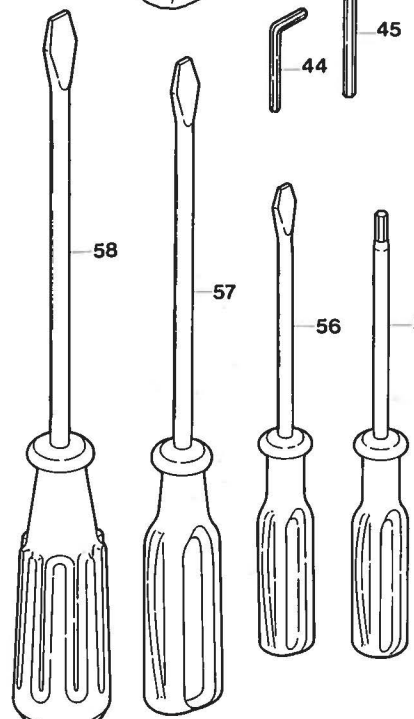
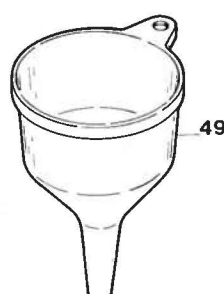
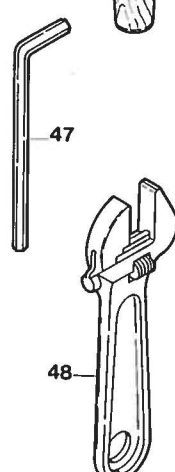
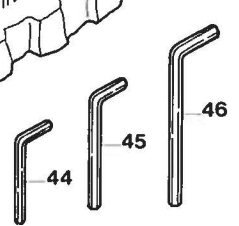
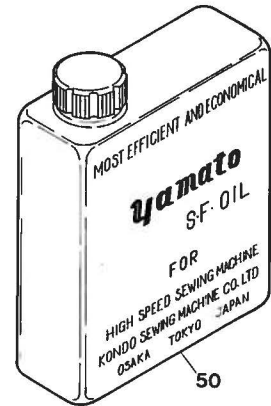
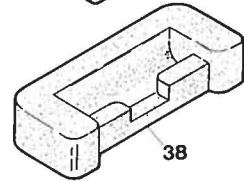
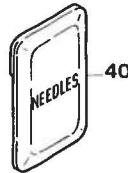
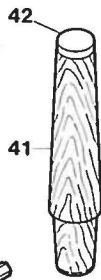
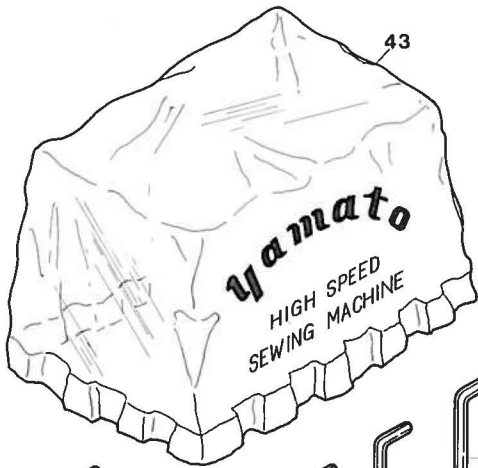
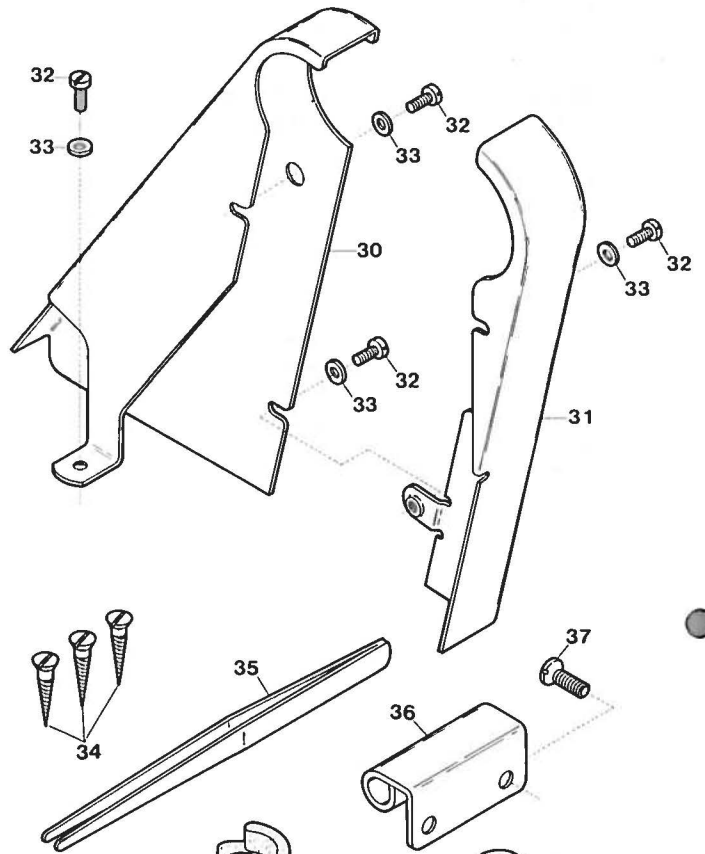
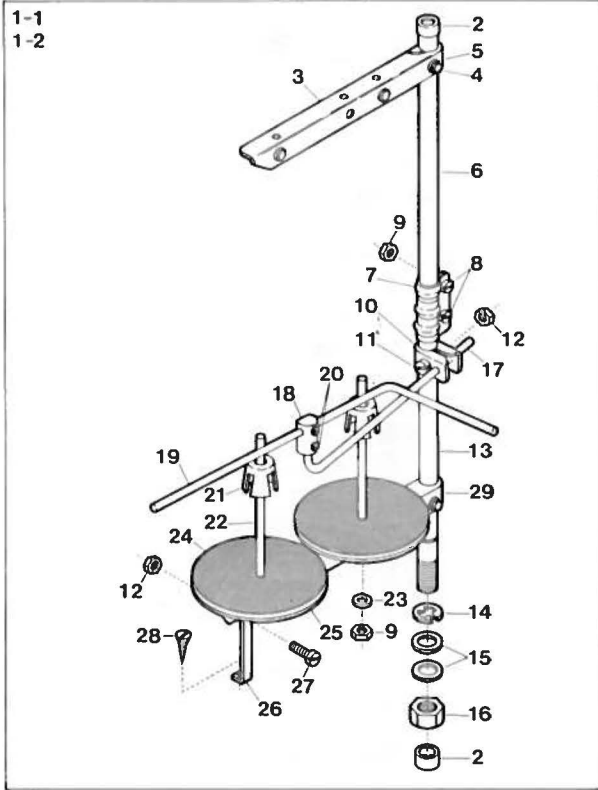
DS-130/ CT,-131/ CT(1)



| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|-------------------------------------|---------------|-----------|
| 1 | 60562 | Solenoid Cover | ソレノイドカバー | 1 |
| 2 | 530 | Washer for 60562, 11750 | ワッシャ | 4 |
| 3 | 6 | Washer for 60562, 11750 | ワッシャ | 4 |
| 4 | 9992 | Screw for 60562, 11750 | ソレノイド止ネジ | 4 |
| 5 | 60559 | Solenoid Supporter | ソレノイド取付板 | 1 |
| 6 | 541 | Washer for 60559 | ワッシャ | 3 |
| 7 | 5550 | Screw for 60559 | ソレノイド取付板止ネジ | 3 |
| 8 | 11750 | Solenoid | ソレノイド | 1 |
| 9 | 60560 | Solenoid Plunger Bushing | プランジャブッシュ | 2 |
| 10 | 60558 | Segment Gear Connecting Pin (Long) | ギアリンクピン(長) | 1 |
| 11 | 33024 | Retaining Ring for 60558, 60557 | ストップリング | 4 |
| 12 | 35297 | Solenoid Spring | ソレノイドバネ | 1 |
| 13 | 35300 | Retaining Ring for 35297 | ストップリング(大) | 1 |
| 14 | 60553 | Segment Gear Knife Driving | メス上下ギア | 1 |
| 15 | 60554 | Segment Gear Sleeve | ギアスリーブ | 1 |
| 16 | 60555 | Segment Gear Sleeve Pin | ギアスリーブ止メピン | 1 |
| 17 | 613 | Washer for 60554 | ワッシャ | 1 |
| 18 | 306 | Nut for 60553 | ナット | 2 |
| 19 | 60557 | Segment Gear Connecting Pin (Short) | ギアリンクピン(短) | 1 |
| 20 | 60556 | Segment Gear Connecting Link | ギアリンク | 1 |
| 21 | 60248 | Cord Clamp | コードクランプ | 2 |
| 22 | 4353 | Screw for 60248 | コードクランプ止ネジ | 1 |
| 23 | 4440 | Screw for 60248 | コードクランプ止ネジ | 1 |
| 24 | 60540 | Machine Frame | アームベッド(組) | 1 |
| 25 | 60542 | Head Cover | 面蓋 | 1 |
| 26 | 11764 | Control Box, Complete Set | コントロールボックス(組) | 1 |
| 27 | 11709 | Control Box Stay | コントロールボックスステイ | 2 |
| 28 | — | Wood Screw for 11709, 92232 | 木ネジ | 6 |
| 29 | 35715 | Knee Switch, Complete Set | 膝スイッチ(組) | 1 |
| 30 | 35705 | Plate for 35715 | 膝スイッチ(組)裏蓋 | 1 |
| 31 | 92232 | Holder for 35715 | 膝スイッチ(組)取付板 | 1 |
| 32 | 4441 | Screw for 35715 | 膝スイッチ(組)止ネジ | 2 |
| 33 | 541 | Washer for 35715 | ワッシャ | 2 |
| 34 | 334 | Nut for 35715 | ナット | 2 |



| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|-----------------------------------|----------------|-----------|
| 1 | 60563 | Segment Gear Cover | ギアカバー | 1 |
| 2 | 541 | Washer for 60563 | ワッシャ | 2 |
| 3 | 4358 | Screw for 60563 | ギアカバー止ネジ | 2 |
| 4 | 60547 | Knife Driving Sheft | メス軸 | 1 |
| 5 | 60552 | Rack for Knife Driving | メス上下ラック | 1 |
| 6 | 9604 | Screw for 60552 | メス上下ラック止ネジ | 2 |
| 7 | 60548 | Knife Driving Lever | メスレバー | 1 |
| 8 | 5040 | Screw for 60548 | メスレバー止ネジ | 1 |
| 9 | 5556 | Screw for 60546 | メス取付軸止ネジ | 1 |
| 10 | 661 | Washer for 60546 | ワッシャ | 1 |
| 11 | 60551 | Chain Clamp Spring | 空環押エバネ | 1 |
| 12 | 60545 | Chain Clamp | 空環押エ | 1 |
| 13 | 60546 | Cutting Knife Holder | メス取付軸 | 1 |
| 14 | 60550 | Cutting Knife | メス | 1 |
| 15 | 1227 | Screw for 60550 | メス止ネジ | 1 |
| 16 | 60561 | Cutting Knife Guard | メスガード | 1 |
| 17 | 9526 | Screw for 60561 | メスガード止ネジ | 1 |
| 18 | 60549 | Knife Driving Lever Guide | メスレバーガイド | 1 |
| 19 | 4353 | Screw for 60549 | メスレバーガイド止ネジ | 2 |
| 20 | 60544 | Chain Receiver | 空環受ケ | 1 |
| 21 | 9142 | Screw for 60544 | 空環受ケ止ネジ | 2 |
| 22 | 60543 | Stitch Plate | 針板 | 1 |
| 23 | 60565 | Slide Cover (Right), Complete Set | 滑り板(右)(組) | 1 |
| 24 | 60566 | Slide Cover (Right) | 滑り板(右) | 1 |
| 25 | 60008 | Slide Cover Latch Spring | 滑り板(右)バネ | 1 |
| 26 | 60009 | Slide Cover Latch Spring Guide | 滑り板(右)バネガイド | 3 |
| 27 | 1613 | Screw for 60009 | 滑り板(右)バネガイド止ネジ | 3 |



| Ref. No. | Parts No. | Description | 品名 | Amt. Req. |
|----------|-----------|---|---------------|-----------|
| 1-1 | 99049 | Thread Stand, Complete Set (2 Spools Type) | 糸立台(組)(2本糸用) | 1 |
| 1-2 | 99073 | Thread Stand, Complete Set (4 Spools Type) | 糸立台(組)(4本糸用) | 1 |
| 2 | 99057 | Column Cap | コラムキャップ | 2 |
| 3 | 99059 | Thread Hanger (2 Spools Type) | スレッドハンガ(2本糸用) | 1 |
| 4 | 147 | Screw for 99059, 99071 | 止ネジ | 2 |
| 5 | 148 | Washer for 99059, 99071 | ワッシャ | 2 |
| 6 | 99058 | Column Pipe (Upper) | コラムパイプ(上) | 1 |
| 7 | 99061 | Column Pipe Connector | コラムパイプ継手 | 1 |
| 8 | 149 | Screw for 99061 | 止ネジ | 2 |
| 9 | 150 | Nut for 99061, 99066 | ナット | 7 |
| 10 | 99062 | Thread Guide Holder | 糸案内ホルダ | 1 |
| 11 | 151 | Screw for 99062 | 止ネジ | 1 |
| 12 | 152 | Nut for 99062, 99069 | ナット | 2 |
| 13 | 99063 | Column Pipe (Lower) | コラムパイプ(下) | 1 |
| 14 | 99074 | Retaining Ring for 99063 | 止メ輪 | 1 |
| 15 | 154 | Washer for 99063 | ワッシャ | 2 |
| 16 | 153 | Nut for 99063 | ナット | 1 |
| 17 | 99030 | Thread Guide Bar | 糸案内支工棒 | 1 |
| 18 | 99031 | Thread Guide Bar Bracket | 支工棒接点 | 1 |
| 19 | 99064 | Thread Guide | 糸案内 | 1 |
| 20 | 156 | Screw for 99064 | 止ネジ | 2 |
| 21 | 99065 | Spool Cushion | スプールクッション | 5 |
| 22 | 99066 | Spool Pin | スプール軸 | 5 |
| 23 | 157 | Spring Washer for 99066 | スプリングワッシャ | 5 |
| 24 | 99067 | Spool Mat | スプールマット | 5 |
| 25 | 99068 | Spool Seat Disc | 受け皿 | 5 |
| 26 | 99069 | Spool Holder Stay | スプールホルダ支工 | 1 |
| 27 | 158 | Screw for 99069 | 止ネジ | 1 |
| 28 | 159 | Wood Screw for 99069 | 木ネジ | 1 |
| 29 | 99071 | Spool Holder (2 Spools Type) | スプールホルダ(2本糸用) | 1 |
| 30 | 60032 | Belt Cover (Rear) | ベルトカバー(後) | 1 |
| 31 | 60031 | Belt Cover (Front) | ベルトカバー(前) | 1 |
| 32 | 4440 | Screw for 66032, 66031 | ベルトカバー止ネジ | 4 |
| 33 | 530 | Washer for 66032, 66031 | ワッシャ | 4 |
| 34 | — | Screw for 99005 | 木ネジ | 3 |
| 35 | 37909 | Thread Tweezers | ピンセット | 1 |
| 36 | 77134 | Frame Hinge | ヒンジゴム | 2 |
| 37 | 7661 | Screw for 77134 | ヒンジ止ネジ | 4 |
| 38 | 60028 | Rubber Hinge | ヒンジゴム | 2 |
| 39 | 60027 | Rubber Cushion | ゴム座 | 2 |
| 40 | — | Needle (Schmetz UY128GAS) | 針 | 5 |
| 41 | 77123 | Arm Holder | アーム支工 | 1 |
| 42 | 93039 | Arm Holder Seat | シート | 1 |
| 43 | 99044 | Machine Cover | ビニールカバー | 1 |
| 44 | 37925 | Hexagon Wrench Key (Small)(1.58mm)($\frac{1}{16}$ inch) | キーレンチ | 1 |
| 45 | 37916 | Hexagon Wrench Key (Medium)(3.18mm)($\frac{1}{8}$ inch) | キーレンチ | 1 |
| 46 | 85964 | Hexagon Wrench Key (Large)(3.97mm)($\frac{5}{32}$ inch) | キーレンチ | 1 |
| 47 | 37922 | Hexagon Wrench Key (4.76mm)($\frac{3}{16}$ inch) | キーレンチ | 1 |
| 48 | 37910 | Monkey Wrench | モンキーレンチ | 1 |
| 49 | 37943 | Funnel | ジョーゴ | 1 |
| 50 | — | Oil (0.5 Liter) | オイル(0.5ℓ) | 1 |
| 51 | 37913 | Tool Box | 工具箱 | 1 |
| 52 | 37932 | Oiler | 油差シ | 1 |
| 53 | 37944 | Wrench (Small)(4.76mm)($\frac{3}{16}$ inch) | 片口スパナ | 1 |
| 54 | 37915 | Wrench (Medium)(7.14×7.14mm)($\frac{9}{32}$ × $\frac{9}{32}$ inch) | 両口スパナ | 1 |
| 55 | 37923 | Hexagon Screw Driver (1.98mm)($\frac{3}{16}$ inch) | 六角レンチ付ドライバ | 1 |
| 56 | 37903 | Screw Driver (Small) | ドライバ(小) | 1 |
| 57 | 37902 | Screw Driver (Medium) | ドライバ(中) | 1 |
| 58 | 37901 | Screw Driver (Large) | ドライバ(大) | 1 |

List of Main Spare Parts (主要部品リスト)

| Main Parts Models | Needle Bar | Needle Clamp | Prsrer Foot Complete Set | Stitch Plate | Differential Feed Dog | Main Feed Dog | Looper (Front) | Looper (Rear) | Looper Holder Arm, Compl.S. | Needle Guard (Front) | Needle Guard (Rear) |
|----------------------|------------|--------------|-----------------------------|--------------|--------------------------|------------------|-------------------|------------------|--------------------------------|-------------------------|------------------------|
| | 針 棒 | 針止メ | 押エ(組) | 針 板 | 前送り | 後送り | ルーバ(前) | ルーバ(後) | ルーバ台(組) | 針受ケ(前) | 針受ケ(後) |
| DS-100 | 60060 | — | 60154 | 60050 | 60091 | 60092 | 94510 | — | 60119 | 60052 | 60051 |
| 100/UT | 〃 | — | 〃 | 〃 | 〃 | 〃 | 〃 | — | 〃 | 〃 | 〃 |
| 102 | 60282 | 60283 | 60291 | 60281 | 60289 | 60290 | 60287 | 60288 | 60285 | | 60284 |
| 103E | 60320 | 60362 | 60367 | 60361 | 60365 | 60366 | 60310 | 60364 | 〃 | | 60363 |
| 105 | 60060 | — | 60345 | 60342 | 60343 | 60344 | 94510 | — | 60119 | 60052 | 60051 |
| 130 | 〃 | — | 60508 | 60507 | 60516 | 60517 | 〃 | — | 〃 | 60527 | 60525 |
| 130/CT | 〃 | — | 〃 | 60543 | 〃 | 〃 | 〃 | — | 〃 | 〃 | 〃 |
| 131 | 〃 | — | 60530 | 60507 | 〃 | 〃 | 〃 | — | 〃 | 〃 | 〃 |
| 131/CT | 〃 | — | 〃 | 60543 | 〃 | 〃 | 〃 | — | 〃 | 〃 | 〃 |

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DS-100

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| 2 | 16 | 25 | — |
| 6 | 18 | 3 | — |
| 10 | 3 | 9 | 0.2 |
| 11 | 17 | 42 | 2.2 |
| 12 | 16 | 26 | 0.1 |
| 147 | 20 | 4 | 4 |
| 148 | 20 | 5 | 0.5 |
| 149 | 20 | 8 | 1.5 |
| 150 | 20 | 9 | 0.8 |
| 151 | 20 | 11 | 4.5 |
| 152 | 20 | 12 | 1.5 |
| 153 | 20 | 16 | 1 |
| 154 | 20 | 15 | 5 |
| 156 | 20 | 20 | 1 |
| 157 | 20 | 23 | 0.7 |
| 158 | 20 | 27 | 2 |
| 159 | 20 | 28 | 3 |
| 278 | 6 | 44 | 0.03 |
| 278 | 7 | 19 | 0.03 |
| 286 | 3 | 34 | 0.1 |
| 286 | 10 | 9 | 0.1 |
| 286 | 12 | 10 | 0.1 |
| 306 | 6 | 23 | 1.3 |
| 306 | 18 | 18 | 1.3 |
| 322 | 17 | 3 | 0.3 |
| 334 | 3 | 12 | 0.6 |
| 334 | 10 | 19 | 0.6 |
| 334 | 12 | 20 | 0.6 |
| 334 | 16 | 11 | 0.6 |
| 334 | 18 | 34 | 0.6 |
| 334 | 18 | 34 | 0.6 |
| 335 | 9 | 13 | 0.8 |
| 335 | 17 | 33 | 0.8 |
| 340 | 3 | 27 | 0.5 |
| 340 | 6 | 5 | 0.5 |
| 340 | 17 | 29 | 0.5 |
| 355 | 6 | 26 | 0.85 |
| 385 | 4 | 10 | 0.13 |
| 390 | 1 | 21 | — |
| 419 | 5 | 30 | 1 |
| 419 | 8 | 22 | 1 |
| 445 | 5 | 3 | 6.5 |
| 451 | 7 | 34 | 1.5 |
| 520 | 6 | 10 | 0.3 |
| 529 | 2 | 3 | 0.1 |
| 530 | 5 | 34 | 0.3 |
| 530 | 15 | 24 | 0.3 |
| 530 | 18 | 2 | 0.3 |
| 530 | 20 | 33 | 0.3 |
| 531 | 3 | 16 | 0.3 |
| 531 | 4 | 2 | 0.3 |

| Parts No. | Page No. | Ref. No. | Weight (g) |
|-------------|----------|-----------|-------------|
| 531 | 7 | 47 | 0.3 |
| 531 | 13 | 21 | 0.3 |
| 531 | 15 | 18 | 0.3 |
| 531 | 16 | 18 | 0.3 |
| 532 | 3 | 3 | 0.3 |
| 533 | 14 | 3 | 0.3 |
| 541 | 18 | 6 | 0.35 |
| 541 | 18 | 33 | 0.35 |
| 541 | 19 | 2 | 0.35 |
| 547 | 3 | 11 | 1 |
| 551 | 7 | 11 | 1 |
| 562 | 6 | 30 | 1 |
| 567 | 6 | 20 | 0.07 |
| 570 | 6 | 22 | 0.66 |
| 600 | 6 | 40 | 0.3 |
| 600 | 7 | 14 | 0.3 |
| 613 | 18 | 17 | 1 |
| 661 | 19 | 10 | — |
| 687 | 7 | 35 | 0.1 |
| 690 | 5 | 23 | 1 |
| 726 | 2 | 28 | 0.06 |
| 755 | 7 | 8 | 0.2 |
| 813 | 3 | 44 | 2.4 |
| 1100 | 8 | 4 | 1.5 |
| 1156 | 1 | 16 | 2.5 |
| 1156 | 16 | 30 | 2.5 |
| 1170 | 11 | 13 | 1 |
| 1174 | 6 | 25 | 1 |
| 1174 | 17 | 22 | 1 |
| 1175 | 7 | 31 | 0.92 |
| 1175 | 14 | 2 | 0.92 |
| 1175 | 16 | 23 | 0.92 |
| 1175 | 17 | 9 | 0.92 |
| 1186 | 5 | 14 | 1 |
| 1186 | 11 | 7 | 1 |
| 1186 | 13 | 2 | 1 |
| 1186 | 14 | 12 | 1 |
| 1186 | 15 | 28 | 1 |
| 1202 | 5 | 9 | 0.8 |
| 1202 | 14 | 5 | 0.8 |
| 1202 | 17 | 18 | 0.8 |
| 1222 | 3 | 17 | 0.5 |
| 1225 | 5 | 16 | — |
| 1227 | 15 | 39 | 0.3 |
| 1227 | 17 | 5 | 0.3 |
| 1227 | 19 | 15 | 0.3 |
| 1228 | 11 | 17 | 0.2 |
| 1228 | 15 | 35 | 0.2 |
| 1228 | 16 | 7 | 0.2 |
| 1228 | 17 | 31 | 0.2 |
| 1230 | 3 | 7 | 0.2 |
| 1230 | 7 | 49 | 0.2 |

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|-------------|-----------|-----------|------------|
| 1230 | 15 | 33 | 0.2 |
| 1230 | 16 | 43 | 0.2 |
| 1457 | 11 | 15 | 2.3 |
| 1459 | 8 | 17 | 0.7 |
| 1459 | 17 | 24 | 0.7 |
| 1613 | 2 | 19 | 0.2 |
| 1613 | 11 | 5 | 0.2 |
| 1613 | 13 | 7 | 0.2 |
| 1613 | 14 | 10 | 0.2 |
| 1613 | 15 | 5 | 0.2 |
| 1613 | 19 | 27 | 0.2 |
| 1810 | 3 | 24 | 1 |
| 2043 | 6 | 8 | 1.7 |
| 2043 | 9 | 7 | 1.7 |
| 3313 | 6 | 43 | 0.1 |
| 3313 | 7 | 20 | 0.1 |
| 3404 | 6 | 10 | 0.2 |
| 3404 | 11 | 14 | 0.2 |
| 3404 | 13 | 12 | 0.2 |
| 3405 | 4 | 42 | 1 |
| 3433 | 13 | 13 | 0.43 |
| 3435 | 2 | 25 | 0.15 |
| 3632 | 4 | 16 | 1.7 |
| 3632 | 5 | 29 | 1.7 |
| 3632 | 7 | 40 | 1.7 |
| 3632 | 8 | 21 | 1.7 |
| 3635 | 4 | 37 | 0.9 |
| 3635 | 6 | 15 | 0.9 |
| 3635 | 7 | 38 | 0.9 |
| 3635 | 8 | 25 | 0.9 |
| 3637 | 4 | 6 | 0.1 |
| 3637 | 7 | 25 | 0.1 |
| 3637 | 13 | 10 | 0.1 |
| 3637 | 15 | 22 | 0.1 |
| 3637 | 16 | 36 | 0.1 |
| 3638 | 3 | 29 | 0.5 |
| 3638 | 5 | 21 | 0.5 |
| 3638 | 7 | 23 | 0.5 |
| 3638 | 8 | 12 | 0.5 |
| 3638 | 9 | 11 | 0.5 |
| 3646 | 4 | 28 | 0.9 |
| 3646 | 6 | 35 | 0.9 |
| 3647 | 4 | 31 | 0.9 |
| 3649 | 4 | 27 | 1.7 |
| 3649 | 6 | 34 | 1.7 |
| 3652 | 4 | 30 | 0.8 |
| 3792 | 4 | 22 | 5 |
| 3793 | 4 | 23 | 0.7 |
| 4352 | 17 | 2 | 1.3 |
| 4353 | 3 | 2 | 0.9 |
| 4353 | 3 | 20 | 0.9 |
| 4353 | 9 | 19 | 0.9 |

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|-------------|----------|-----------|------------|
| 4353 | 13 | 32 | 0.9 |
| 4353 | 15 | 10 | 0.9 |
| 4353 | 17 | 10 | 0.9 |
| 4353 | 18 | 22 | 0.9 |
| 4353 | 19 | 19 | 0.9 |
| 4358 | 1 | 10 | 0.9 |
| 4358 | 2 | 21 | 0.9 |
| 4358 | 3 | 14 | 0.9 |
| 4358 | 17 | 8 | 0.9 |
| 4358 | 19 | 3 | 0.9 |
| 4437 | 3 | 42 | 1.5 |
| 4440 | 1 | 12 | 1.5 |
| 4440 | 7 | 44 | 1.5 |
| 4440 | 8 | 3 | 1.5 |
| 4440 | 16 | 28 | 1.5 |
| 4440 | 18 | 23 | 1.5 |
| 4440 | 20 | 32 | 1.5 |
| 4441 | 15 | 25 | 2.2 |
| 4441 | 18 | 32 | 2.2 |
| 5028 | 7 | 10 | 2.6 |
| 5036 | 4 | 3 | 0.6 |
| 5040 | 19 | 8 | 2 |
| 5070 | 1 | 4 | 2.2 |
| 5070 | 6 | 2 | 2.2 |
| 5076 | 1 | 18 | 8 |
| 5076 | 8 | 10 | 8 |
| 5077 | 2 | 2 | 13.13 |
| 5115 | 6 | 18 | 4.8 |
| 5118 | 4 | 21 | 4.2 |
| 5131 | 13 | 38 | 0.4 |
| 5133 | 3 | 22 | 0.5 |
| 5343 | 17 | 27 | 0.8 |
| 5345 | 3 | 48 | 0.9 |
| 5423 | 17 | 13 | — |
| 5424 | 17 | 12 | 0.4 |
| 5491 | 1 | 3 | 6 |
| 5509 | 5 | 40 | 1.8 |
| 5509 | 17 | 47 | 1.8 |
| 5520 | 8 | 33 | 5 |
| 5531 | 7 | 46 | 0.5 |
| 5531 | 13 | 22 | 0.5 |
| 5531 | 15 | 19 | 0.5 |
| 5542 | 5 | 26 | — |
| 5550 | 5 | 35 | 3 |
| 5550 | 6 | 12 | 3 |
| 5550 | 7 | 2 | 3 |
| 5550 | 16 | 9 | 3 |
| 5550 | 18 | 7 | 3 |
| 5553 | 8 | 30 | 3 |
| 5556 | 19 | 9 | 3 |
| 5640 | 15 | 36 | — |
| 5650 | 6 | 39 | 2.8 |
| 5650 | 7 | 13 | 2.8 |

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|--------------|-----------|-----------|------------|
| 6004 | 3 | 8 | 3 |
| 6038 | 5 | 11 | 1.31 |
| 6240 | 17 | 38 | 4 |
| 6662 | 17 | 44 | 3 |
| 7311 | 4 | 18 | 1.9 |
| 7405 | 13 | 19 | 1.2 |
| 7405 | 15 | 16 | 1.2 |
| 7605 | 13 | 35 | 1.04 |
| 7645 | 6 | 37 | 0.4 |
| 7645 | 7 | 5 | 0.4 |
| 7661 | 20 | 37 | — |
| 8051 | 4 | 8 | 0.2 |
| 8163 | 5 | 7 | 1.1 |
| 9142 | 2 | 7 | 0.2 |
| 9142 | 3 | 5 | 0.2 |
| 9142 | 5 | 18 | 0.2 |
| 9142 | 19 | 21 | 0.2 |
| 9150 | 16 | 20 | 2 |
| 9150 | 17 | 48 | 2 |
| 9508 | 6 | 32 | 1 |
| 9508 | 8 | 35 | 1 |
| 9508 | 11 | 20 | 1 |
| 9508 | 13 | 27 | 1 |
| 9517 | 16 | 40 | 1 |
| 9526 | 19 | 17 | 0.2 |
| 9533 | 9 | 12 | 0.6 |
| 9533 | 17 | 23 | 0.6 |
| 9604 | 16 | 4 | 0.9 |
| 9604 | 19 | 6 | 0.9 |
| 9700 | 9 | 2 | — |
| 9730 | 14 | 14 | 0.55 |
| 9835 | 10 | 12 | — |
| 9835 | 12 | 13 | — |
| 9844 | 3 | 36 | 7.75 |
| 9844 | 10 | 11 | 7.75 |
| 9844 | 12 | 12 | 7.75 |
| 9852 | 4 | 13 | 2.5 |
| 9852 | 16 | 2 | 2.5 |
| 9852 | 17 | 40 | 2.5 |
| 9991 | 17 | 52 | — |
| 9992 | 16 | 13 | 2 |
| 9992 | 18 | 4 | 2 |
| 9995 | 16 | 17 | 0.4 |
| 11709 | 18 | 27 | 48 |
| 11745 | 17 | 41 | 1.37kg |
| 11746 | 16 | 15 | 342 |
| 11747 | 17 | 6 | 70 |
| 11748 | 16 | 24 | 110 |
| 11750 | 18 | 8 | — |
| 11764 | 18 | 26 | 3kg |

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|--------------|-----------|-----------|------------|
| 31111 | 3 | 35 | 5 |
| 31111 | 10 | 10 | 5 |
| 31111 | 12 | 11 | 5 |
| 32421 | 1 | 17 | 0.1 |
| 32421 | 8 | 9 | 0.1 |
| 32425 | 3 | 25 | 0.4 |
| 32715 | 5 | 32 | 0.4 |
| 32715 | 8 | 19 | 0.4 |
| 32719 | 8 | 16 | 5 |
| 32786 | 6 | 9 | 4 |
| 32799 | 6 | 42 | 2.75 |
| 32799 | 7 | 18 | 2.75 |
| 32853 | 7 | 33 | 2.8 |
| 32864 | 7 | 32 | 3 |
| 32867 | 7 | 37 | 2.8 |
| 32898 | 8 | 6 | 1.2 |
| 32931 | 8 | 8 | 1 |
| 32933 | 8 | 7 | 1.6 |
| 33024 | 16 | 33 | 0.1 |
| 33024 | 18 | 11 | 0.1 |
| 33071 | 9 | 6 | 14 |
| 33081 | 16 | 6 | 0.3 |
| 33081 | 17 | 30 | 0.3 |
| 33104 | 6 | 11 | 18 |
| 33104 | 7 | 1 | 18 |
| 33141 | 7 | 36 | 12 |
| 34100 | 6 | 7 | 17 |
| 34102 | 6 | 6 | 7 |
| 34103 | 6 | 4 | 4.7 |
| 34134 | 7 | 39 | 36 |
| 34196 | 6 | 1 | 48 |
| 34197 | 6 | 3-2 | 7 |
| 34406 | 6 | 3-1 | 7 |
| 35297 | 18 | 12 | 5 |
| 35300 | 18 | 13 | 1.3 |
| 35705 | 18 | 30 | 8 |
| 35715 | 18 | 29 | 360 |
| 37901 | 20 | 58 | — |
| 37902 | 20 | 57 | — |
| 37903 | 20 | 56 | — |
| 37909 | 20 | 35 | — |
| 37910 | 20 | 48 | — |
| 37913 | 20 | 51 | — |
| 37915 | 20 | 54 | — |
| 37916 | 20 | 45 | — |
| 37922 | 20 | 47 | — |
| 37923 | 20 | 55 | — |
| 37925 | 20 | 44 | — |
| 37932 | 20 | 52 | — |
| 37943 | 20 | 49 | — |
| 37944 | 20 | 53 | — |

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|-----------|----------|----------|------------|
| 60000 | 1 | 1 | 21.1kg |
| 60003 | 1 | 2 | 650 |
| 60004 | 1 | 5 | 256 |
| 60005 | 1 | 6 | 4 |
| 60006 | 2 | 15 | 148 |
| 60007 | 2 | 16 | 138 |
| 60008 | 2 | 17 | 9 |
| 60008 | 11 | 3 | 9 |
| 60008 | 13 | 5 | 9 |
| 60008 | 14 | 8 | 9 |
| 60008 | 15 | 3 | 9 |
| 60008 | 19 | 25 | 9 |
| 60009 | 2 | 18 | 0.8 |
| 60009 | 11 | 4 | 0.8 |
| 60009 | 13 | 6 | 0.8 |
| 60009 | 14 | 9 | 0.8 |
| 60009 | 15 | 4 | 0.8 |
| 60009 | 19 | 26 | 0.8 |
| 60010 | 2 | 26 | 42 |
| 60011 | 1 | 22 | 67 |
| 60012 | 1 | 23 | 4 |
| 60013 | 1 | 15 | 485 |
| 60014 | 1 | 14 | 7 |
| 60016 | 1 | 24 | 133 |
| 60017 | 2 | 5 | 23 |
| 60018 | 1 | 8 | 2.3 |
| 60019 | 1 | 9 | 14 |
| 60020 | 1 | 11 | 1.6 |
| 60021 | 4 | 1 | 3 |
| 60022 | 2 | 20 | 2 |
| 60023 | 1 | 19 | 6 |
| 60024 | 1 | 1 | 1.75kg |
| 60026 | 2 | 14 | 53 |
| 60027 | 20 | 39 | 10 |
| 60028 | 20 | 38 | 44 |
| 60031 | 20 | 31 | 200 |
| 60032 | 20 | 30 | 440 |
| 60034 | 1 | 12 | 121 |
| 60036 | 4 | 35 | 788 |
| 60037 | 4 | 24 | 562 |
| 60038 | 4 | 26 | 52 |
| 60039 | 4 | 20 | 203 |
| 60040 | 4 | 11 | 116 |
| 60041 | 4 | 12 | 6 |
| 60042 | 4 | 9 | 12 |
| 60043 | 4 | 15 | 48 |
| 60044 | 4 | 19 | 60 |
| 60048 | 4 | 17 | 14 |
| 60050 | 5 | 17 | 31 |
| 60051 | 7 | 45 | 6 |
| 60052 | 7 | 48 | 2.5 |
| 60053 | 4 | 38 | 625 |
| 60056 | 4 | 14 | 0.3 |
| 60056 | 8 | 13 | 0.3 |
| 60057 | 4 | 39 | 0.8 |

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|--------------|----------|-----------|------------|
| 60058 | 4 | 40 | 30 |
| 60060 | 4 | 4 | 28 |
| 60061 | 4 | 7 | 0.7 |
| 60065 | 9 | 16 | — |
| 60066 | 9 | 17 | — |
| 60067 | 9 | 18 | — |
| 60070 | 7 | 29 | 47 |
| 60071 | 7 | 41 | 51 |
| 60072 | 7 | 43 | 18 |
| 60073 | 7 | 50 | 16 |
| 60075 | 7 | 27 | 12 |
| 60076 | 7 | 28 | — |
| 60077 | 7 | 24 | 6 |
| 60078 | 4 | 41 | 103 |
| 60081 | 7 | 22 | 20 |
| 60082 | 7 | 17 | 33 |
| 60083 | 7 | 37 | 43 |
| 60084 | 7 | 21 | 68 |
| 60085 | 7 | 16 | 33 |
| 60086 | 7 | 15 | 14 |
| 60087 | 7 | 9 | 6 |
| 60088 | 7 | 12 | 29 |
| 60089 | 7 | 6 | 11 |
| 60090 | 7 | 26 | 3.4 |
| 60091 | 7 | 30 | 13 |
| 60092 | 7 | 42 | 9 |
| 60105 | 6 | 16 | 79 |
| 60106 | 6 | 14 | 38 |
| 60107 | 6 | 13 | 2.5 |
| 60107 | 7 | 3 | 2.5 |
| 60108 | 6 | 17 | 14 |
| 60109 | 6 | 21 | 4 |
| 60110 | 6 | 24 | 16 |
| 60112 | 6 | 28 | 6 |
| 60113 | 6 | 27 | 6.5 |
| 60119 | 6 | 29 | 71 |
| 60120 | 6 | 33 | 20 |
| 60121 | 6 | 36 | 100 |
| 60126 | 6 | 41 | 80 |
| 60127 | 6 | 38 | 27 |
| 60129 | 2 | 11 | — |
| 60136 | 5 | 25 | — |
| 60138 | 5 | 15 | 0.7 |
| 60140 | 2 | 8 | 43 |
| 60141 | 5 | 4 | 13.5 |
| 60142 | 5 | 5 | 2.7 |
| 60143 | 5 | 24 | 154 |
| 60144 | 5 | 22 | 13 |
| 60145 | 5 | 10 | 7 |
| 60146 | 5 | 28 | 36 |
| 60147 | 5 | 31 | 12.5 |
| 60147 | 8 | 18 | 12.5 |
| 60148 | 5 | 33 | 14 |
| 60149 | 5 | 37 | 40 |

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|--------------|-----------|-----------|------------|
| 60150 | 5 | 38 | 1.1 |
| 60151 | 5 | 8 | 12 |
| 60152 | 5 | 20 | 22 |
| 60153 | 5 | 19 | 15 |
| 60154 | 5 | 13 | 20 |
| 60160 | 8 | 5 | 12 |
| 60161 | 8 | 11 | 77 |
| 60162 | 8 | 14 | 66 |
| 60163 | 8 | 20 | 17 |
| 60164 | 8 | 32 | 172 |
| 60165 | 8 | 31 | 110 |
| 60166 | 8 | 34 | 85.5 |
| 60167 | 8 | 26 | 214 |
| 60168 | 8 | 24 | 50 |
| 60169 | 8 | 23 | 49 |
| 60170 | 3 | 4 | 2.3 |
| 60171 | 3 | 18 | 8 |
| 60173 | 3 | 13 | 6.4 |
| 60174 | 3 | 15 | 2.7 |
| 60175 | 3 | 10 | 6.4 |
| 60176 | 3 | 6 | 5 |
| 60177 | 2 | 6 | 10 |
| 60178 | 3 | 19 | 44 |
| 60179 | 3 | 23 | 2.6 |
| 60180 | 3 | 28 | 60 |
| 60183 | 3 | 47 | 29 |
| 60184 | 3 | 32 | 3.5 |
| 60184 | 10 | 7 | 3.5 |
| 60184 | 12 | 8 | 3.4 |
| 60185 | 3 | 38 | 30.5 |
| 60186 | 3 | 41 | 3 |
| 60187 | 3 | 45 | 4 |
| 60188 | 2 | 24 | 25 |
| 60199 | 17 | 19 | — |
| 60202 | 17 | 43 | 176 |
| 60203 | 17 | 37 | 50 |
| 60204 | 17 | 39 | 26 |
| 60205 | 17 | 35 | 4 |
| 60206 | 17 | 34 | 10 |
| 60207 | 17 | 32 | 16 |
| 60208 | 17 | 25 | 7.5 |
| 60209 | 17 | 26 | 2 |
| 60210 | 17 | 20 | 52 |
| 60211 | 17 | 21 | 8 |
| 60212 | 17 | 17 | 5 |
| 60213 | 17 | 16 | 5.4 |
| 60214 | 17 | 15 | 3.6 |
| 60215 | 17 | 14 | 4.7 |
| 60216 | 17 | 11 | 8 |
| 60219 | 17 | 49 | — |
| 60220 | 17 | 51 | — |
| 60221 | 17 | 50 | 73 |
| 60222 | 16 | 19 | 3.8 |
| 60224 | 16 | 16 | 5.7 |

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| 60225 | 16 | 14 | 6.5 |
| 60226 | 16 | 12 | 34 |
| 60227 | 16 | 5 | 2.4 |
| 60227 | 17 | 28 | 2.4 |
| 60228 | 16 | 10 | 2.8 |
| 60229 | 16 | 3 | 20 |
| 60230 | 16 | 8 | 18 |
| 60231 | 16 | 37 | 72 |
| 60232 | 16 | 39 | 9.4 |
| 60233 | 16 | 41 | 10 |
| 60234 | 16 | 42 | 1.9 |
| 60235 | 16 | 44 | 0.6 |
| 60237 | 16 | 45 | 37 |
| 60238 | 16 | 27 | — |
| 60239 | 16 | 31 | 0.1 |
| 60240 | 16 | 32 | 7 |
| 60241 | 16 | 29 | 8 |
| 60242 | 16 | 34 | 6.5 |
| 60243 | 16 | 35 | 1.2 |
| 60244 | 17 | 4 | 13 |
| 60245 | 17 | 1 | 6 |
| 60248 | 16 | 21 | 0.6 |
| 60248 | 17 | 46 | 0.6 |
| 60248 | 18 | 21 | 0.6 |
| 60258 | 9 | 15 | 13 |
| 60259 | 9 | 14 | 9 |
| 60264 | 9 | 1 | — |
| 60265 | 9 | 10 | — |
| 60271 | 9 | 5 | — |
| 60272 | 9 | 4 | — |
| 60273 | 9 | 3 | — |
| 60276 | 9 | 8 | — |
| 60281 | 11 | 8 | 34 |
| 60282 | 11 | 11 | 28 |
| 60283 | 11 | 12 | 8 |
| 60284 | 11 | 22 | 7 |
| 60285 | 11 | 21 | 74 |
| 60285 | 13 | 28 | 74 |
| 60287 | 11 | 18 | 6 |
| 60288 | 11 | 19 | 5 |
| 60289 | 11 | 9 | 12.5 |
| 60290 | 11 | 10 | 10 |
| 60291 | 11 | 6 | 34 |
| 60299 | 10 | 3 | 2 |
| 60299 | 12 | 3 | 2 |
| 60300 | 10 | 2 | 3.5 |
| 60300 | 12 | 2 | 3.5 |
| 60301 | 10 | 1 | 8.1 |
| 60301 | 12 | 1 | 8.1 |
| 60304 | 11 | 1 | 145 |
| 60305 | 11 | 2 | 135 |
| 60310 | 13 | 25 | — |
| 60320 | 13 | 8 | — |
| 60341 | 14 | 7 | 110 |

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| 60342 | 14 | 15 | 36 |
| 60343 | 14 | 16 | 10 |
| 60344 | 14 | 17 | 10 |
| 60345 | 14 | 11 | 36 |
| 60348 | 14 | 6 | 120 |
| 60349 | 14 | 1 | — |
| 60350 | 14 | 4 | — |
| 60361 | 13 | 14 | — |
| 60362 | 13 | 11 | — |
| 60363 | 13 | 20 | — |
| 60364 | 13 | 26 | — |
| 60365 | 13 | 16 | — |
| 60366 | 13 | 17 | — |
| 60367 | 13 | 1 | — |
| 60370 | 13 | 29 | — |
| 60371 | 13 | 30 | — |
| 60372 | 13 | 34 | — |
| 60373 | 13 | 37 | — |
| 60374 | 13 | 31 | — |
| 60375 | 13 | 3 | — |
| 60376 | 13 | 23 | — |
| 60377 | 13 | 15 | — |
| 60378 | 13 | 4 | — |
| 60379 | 12 | 4 | — |
| 60380 | 13 | 9 | — |
| 60381 | 12 | 5 | — |
| 60500 | 15 | 1 | — |
| 60501 | 15 | 2 | — |
| 60502 | 15 | 6 | — |
| 60503 | 15 | 20 | — |
| 60504 | 15 | 21 | — |
| 60507 | 15 | 11 | — |
| 60508 | 15 | 30 | — |
| 60513 | 15 | 31 | — |
| 60514 | 15 | 34 | — |
| 60515 | 15 | 32 | — |
| 60516 | 15 | 12 | — |
| 60517 | 15 | 14 | — |
| 60519 | 15 | 8 | — |
| 60520 | 15 | 7 | — |
| 60522 | 15 | 9 | — |
| 60523 | 15 | 13 | — |
| 60524 | 13 | 24 | — |
| 60524 | 15 | 29 | — |
| 60525 | 15 | 17 | — |
| 60526 | 13 | 18 | — |
| 60526 | 15 | 15 | — |
| 60527 | 15 | 26 | — |
| 60528 | 15 | 27 | — |
| 60529 | 15 | 23 | — |
| 60530 | 15 | 37 | — |
| 60536 | 15 | 38 | — |
| 60540 | 18 | 24 | — |
| 60542 | 18 | 25 | — |

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| 60543 | 19 | 22 | — |
| 60544 | 19 | 20 | — |
| 60545 | 19 | 12 | — |
| 60546 | 19 | 13 | — |
| 60547 | 19 | 4 | — |
| 60548 | 19 | 7 | — |
| 60549 | 19 | 18 | — |
| 60550 | 19 | 14 | — |
| 60551 | 19 | 11 | — |
| 60552 | 19 | 5 | — |
| 60553 | 18 | 14 | — |
| 60554 | 18 | 15 | — |
| 60555 | 18 | 16 | — |
| 60556 | 18 | 20 | — |
| 60557 | 18 | 19 | — |
| 60558 | 18 | 10 | — |
| 60559 | 18 | 5 | — |
| 60560 | 18 | 9 | — |
| 60561 | 19 | 16 | — |
| 60562 | 18 | 1 | — |
| 60563 | 19 | 1 | — |
| 60565 | 19 | 23 | — |
| 60566 | 19 | 24 | — |
| 77123 | 20 | 41 | 18 |
| 77134 | 20 | 36 | — |
| 77199 | 4 | 25 | 66 |
| 77264 | 5 | 6 | 11 |
| 77270 | 5 | 1 | 91 |
| 77275 | 5 | 39 | 13 |
| 77283 | 4 | 43 | 60 |
| 77432 | 2 | 4 | 0.3 |
| 77502 | 8 | 2 | 52 |
| 77505 | 16 | 1 | — |
| 77511 | 8 | 27 | 45 |
| 77512 | 8 | 28 | 12 |
| 77519 | 8 | 15 | 6 |
| 77520 | 8 | 29 | 7 |
| 85964 | 20 | 46 | — |
| 90330 | 11 | 16 | — |
| 90620 | 5 | 2 | 0.3 |
| 90803 | 5 | 36 | 22 |
| 90804 | 10 | 14 | 37.5 |
| 90804 | 12 | 15 | 37.5 |
| 90805 | 10 | 17 | 43 |
| 90805 | 12 | 18 | 43 |
| 90807 | 3 | 43 | 4 |
| 90807 | 10 | 18 | 4 |
| 90807 | 12 | 19 | 4 |
| 90812 | 3 | 37 | 1.8 |
| 90812 | 10 | 13 | 1.8 |
| 90812 | 12 | 14 | 1.8 |
| 90824 | 3 | 46 | 0.25 |
| 90846 | 3 | 26 | 0.1 |

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| 90847 | 3 | 31 | 0.9 |
| 90847 | 10 | 6 | 0.9 |
| 90847 | 12 | 7 | 0.9 |
| 90848 | 3 | 21 | — |
| 90856 | 10 | 16 | 6 |
| 90856 | 12 | 17 | 6 |
| 90857 | 3 | 39 | 6 |
| 90857 | 10 | 15 | 6 |
| 90857 | 12 | 16 | 6 |
| 91388 | 10 | 4 | — |
| 91388 | 13 | 36 | — |
| 91725 | 14 | 13 | — |
| 92232 | 18 | 31 | 262 |
| 93039 | 1 | 7 | 1.6 |
| 93039 | 2 | 1 | 1.6 |
| 93039 | 20 | 42 | 1.6 |
| 93085 | 4 | 33 | 136.5 |
| 93088 | 4 | 34 | 21 |
| 93090 | 4 | 32 | 106 |
| 93141 | 4 | 36 | 199 |
| 93151 | 4 | 29 | 38 |
| 93301 | 2 | 10 | 20 |
| 93303 | 2 | 9 | 1 |
| 93312 | 2 | 12 | 20 |
| 93313 | 2 | 13 | 18 |
| 93480 | 5 | 12 | — |
| 93491 | 5 | 27 | 8.1 |
| 93540 | 13 | 33 | 7 |
| 93547 | 3 | 30 | 9 |
| 93547 | 10 | 5 | 9 |
| 93547 | 12 | 6 | 5 |
| 93549 | 3 | 33 | 5 |
| 93549 | 10 | 8 | 5 |
| 93549 | 12 | 9 | 5 |
| 93553 | 3 | 1 | 26 |
| 94471 | 17 | 45 | 1.5 |
| 94491 | 16 | 22 | 0.5 |
| 94491 | 17 | 7 | 0.5 |
| 94510 | 6 | 31 | 5.5 |
| 95027 | 8 | 35 | — |
| 95027 | 9 | 9 | — |
| 95027 | 16 | 38 | — |
| 95027 | 17 | 36 | — |
| 99030 | 20 | 17 | — |
| 99031 | 20 | 18 | — |
| 99044 | 20 | 43 | — |
| 99049 | 20 | 1-1 | — |
| 99050 | 14 | 18 | — |
| 99057 | 20 | 2 | — |
| 99058 | 20 | 6 | — |
| 99059 | 20 | 3 | — |
| 99061 | 20 | 7 | — |
| 99062 | 20 | 10 | — |

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| 99063 | 20 | 13 | — |
| 99064 | 20 | 19 | — |
| 99065 | 20 | 21 | — |
| 99066 | 20 | 22 | — |
| 99067 | 20 | 24 | — |
| 99068 | 20 | 25 | — |
| 99069 | 20 | 26 | — |
| 99071 | 20 | 29 | — |
| 99073 | 20 | 1-2 | — |
| 99074 | 20 | 14 | — |

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