

# **ILLUSTRATED PARTSLIST**

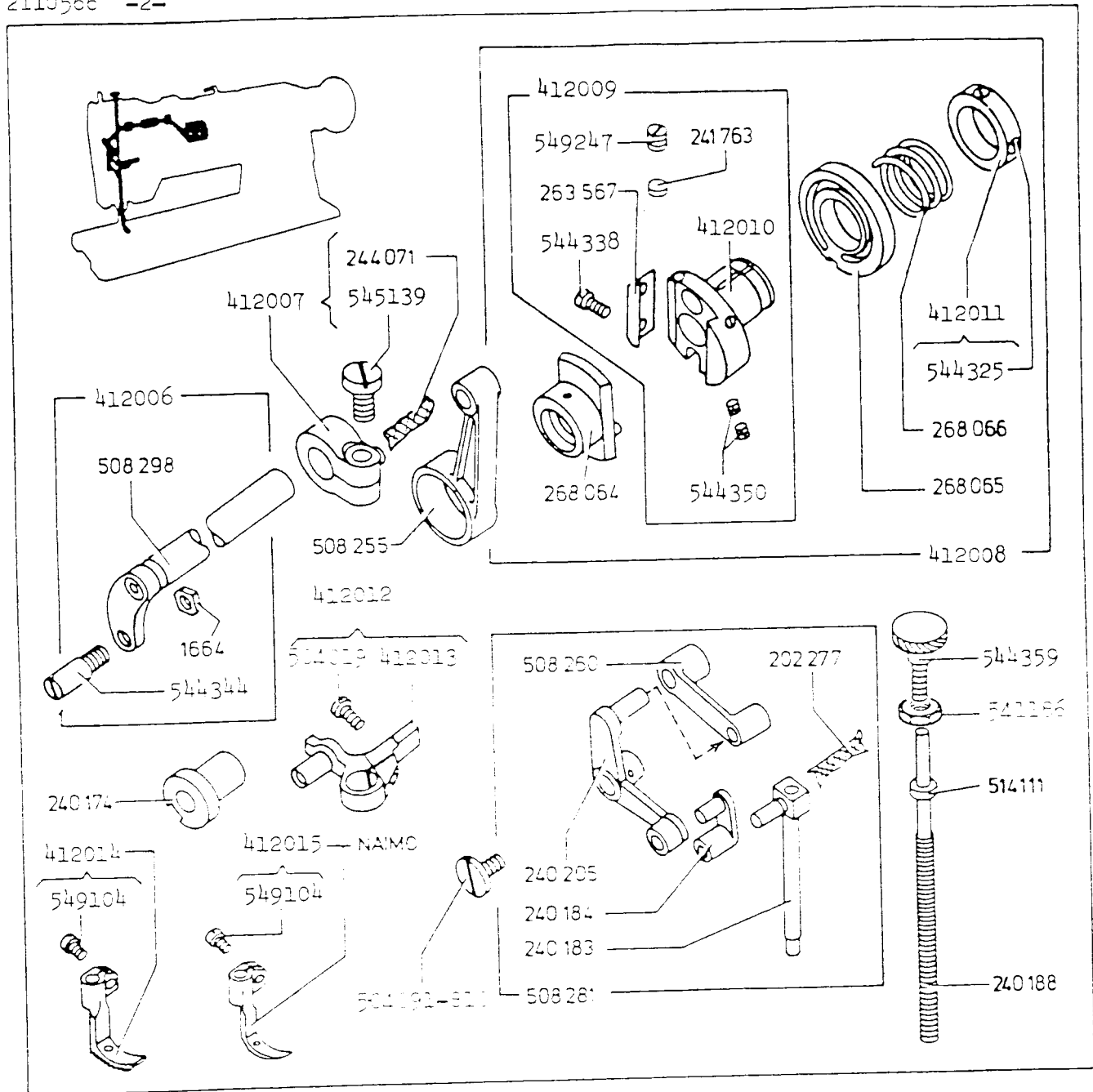
**FOR**

# **SINGER<sup>\*</sup>**

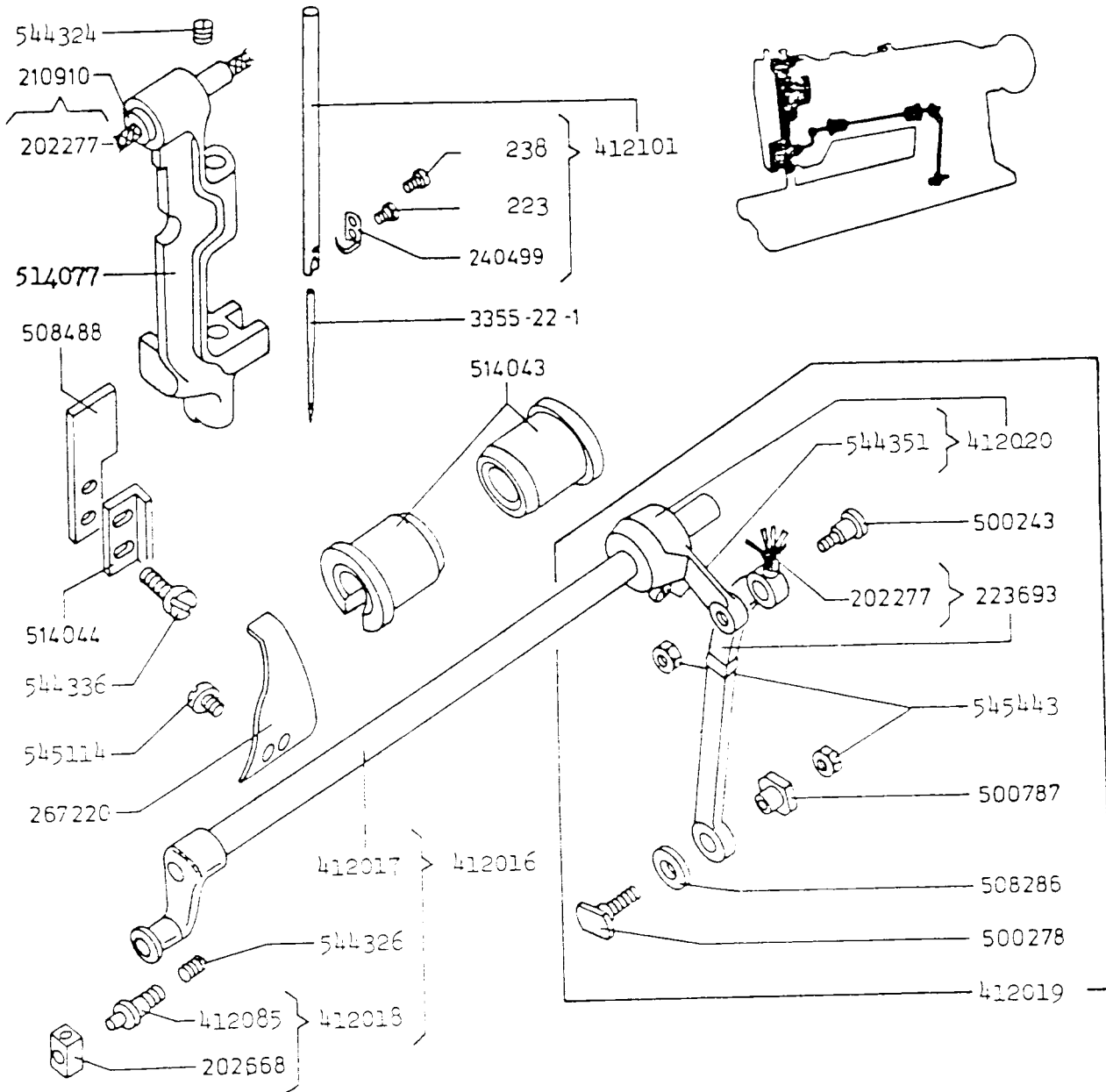
**MACHINE**

## **211U566**

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| No.         | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                                                                          |
|-------------|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1664        | - - - * * *                                    | Lifting Bell Crank Link Screw Stud Nut                                                               |
| 202277      | - - - * * *                                    | Vibrating Presser Bar Wick                                                                           |
| 240174      | - - - * * *                                    | Lifting Rock Shaft Bushing (2)                                                                       |
| 240183      | - - - * * *                                    | Vibrating Presser Bar                                                                                |
| 240184      | - - - * * *                                    | Vibrating Presser Bar Connecting Link                                                                |
| 240188      | - - - * * *                                    | Vibrating Presser Bar Extension Spring                                                               |
| 240205      | - - - * * *                                    | Lifting Bell Crank                                                                                   |
| 241763      | - - - * * *                                    | Eccentric Friction Plate Screw Set Screw (2)                                                         |
| 244071      | - - - * * *                                    | Lifting Eccentric Connection Crank Oil Wick                                                          |
| 263567      | - - - * * *                                    | Lifting Eccentric Friction Plate                                                                     |
| 268064      | - - - * * *                                    | Lifting Eccentric                                                                                    |
| 268065      | - - - * * *                                    | Lifting Eccentric Adjusting Disc                                                                     |
| 268066      | - - - * * *                                    | Lifting Eccentric Adjusting Disc Spring                                                              |
| 412006      | - - - * * *                                    | Lifting Rock Shaft Complete 1664, 508298, 544344                                                     |
| 412007      | - - - * * *                                    | Lifting Eccentric Connection Crank with 244071, 545139                                               |
| 412008      | - - - * * *                                    | Lifting Eccentric with 268064, 268065, 268066, 412009, 412011, 508255                                |
| 412009      | - - - * * *                                    | Lifting Eccentric Flange Complete 241763 (2), 263567, 412010, 544338 (2), 544350 (4), 549247 (2)     |
| 412010      | - - - * * *                                    | Lifting Eccentric Flange                                                                             |
| 412011      | - - - * * *                                    | Lifting Eccentric Adjusting Disc Spring Collar with 544338 (2)                                       |
| 412012      | - - - * * *                                    | Presser Bar Lifting Bracket Complete 412013, 504019                                                  |
| 412013      | - - - * * *                                    | Presser Bar Lifting Bracket                                                                          |
| 412014      | - - - * * *                                    | Vibrating Presser Foot with 549104                                                                   |
| 412015      | - - - * * *                                    | Vibrating Presser Foot with 549104 (naimo)                                                           |
| 545295      | - - - * * *                                    | Presser Bar Lifting Bracket Pinch Screw                                                              |
| 504091 -810 | - - - * * *                                    | Lifting Bell Crank Cap Screw                                                                         |
| 508255      | - - - * * *                                    | Lifting Eccentric Connection                                                                         |
| 508260      | - - - * * *                                    | Lifting Bell Crank Link                                                                              |
| 508281      | - - - * * *                                    | Vibrating Presser Bar with Bell Crank and Lifting Bell Crank Complete 202277, 240183, 240184 240205, |
| 508298      | - - - * * *                                    | Lifting Rock Shaft                                                                                   |
| 514111      | - - - * * *                                    | Vibrating Presser Bar Extension                                                                      |
| 541166      | - - - * * *                                    | Vibrating Presser Bar Thumb Screw Lock Nut                                                           |
| 544325      | - - - * * *                                    | Lifting Eccentric Adjusting Disc Spring Collar Set Screw (2)                                         |
| 544338      | - - - * * *                                    | Lifting Eccentric Friction Plate Screw (2)                                                           |
| 544344      | - - - * * *                                    | Lifting Bell Crank Link Screw Stud                                                                   |
| 544350      | - - - * * *                                    | Lifting Eccentric Flange Set Screw (4)                                                               |
| 544359      | - - - * * *                                    | Vibrating Presser Bar Thumb Screw (pressure regulating)                                              |
| 545139      | - - - * * *                                    | Lifting Eccentric Connection Crank Pinch Screw                                                       |
| 549104      | - - - * * *                                    | Vibrating Presser Foot Pinch Screw                                                                   |
| 549104      | - - - * * *                                    | Vibrating Presser Foot Pinch Screw                                                                   |
| 549247      | - - - * * *                                    | Lifting Eccentric Friction Plate Screw Set Screw (2)                                                 |



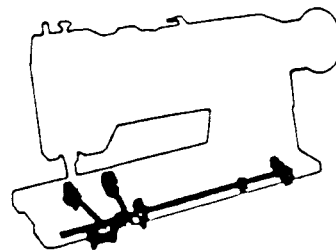
| No.     | 212U141<br>442 | 211U157<br>165<br>166<br>566 | Description                                                                                                                   |
|---------|----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 223     | -              | -                            | * * * * Needle Set Screw                                                                                                      |
| 238     | -              | -                            | * * * * Needle Bar Thread Guide Screw                                                                                         |
| 3355-22 | -              | -                            | - * * * Needle                                                                                                                |
| 202277  | -              | -                            | - * * * Needle Bar Rock Frame Hinge Stud Oil Wick                                                                             |
| 202277  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Crank Connection<br>Oil Wick                                                         |
| 202668  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Slide Block                                                                          |
| 210910  | -              | -                            | - * * * Needle Bar Rock Frame Hinge Stud with 202277                                                                          |
| 223693  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Crank Connection<br>with 202277                                                      |
| 240499  | -              | -                            | - * * * Needle Bar Thread Guide                                                                                               |
| 267220  | *              | *                            | * * * * Oil Guard                                                                                                             |
| 412016  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Complete 412017<br>412018, 544326                                                    |
| 412017  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft                                                                                      |
| 412018  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Slide Block Complete<br>202668, 412035                                               |
| 412019  | -              | -                            | - * * * Needle Bar Rock Shaft Connection Link Crank Complete<br>223693, 412020, 500243, 500278, 500787, 508286,<br>545443 (2) |
| 412020  | -              | -                            | - * * * Needle Bar Rock Shaft Connection Link Crank with<br>544351                                                            |
| 412085  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Slide Block Stud                                                                     |
| 412101  | -              | -                            | - * * * Needle Bar with 223, 238, 240499                                                                                      |
| 500243  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Hinge Screw                                                                               |
| 500278  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Link Slide Screw                                                                          |
| 500787  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Link Slide Screw Nut                                                                      |
| 508286  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Link Slide Screw Spacer                                                                   |
| 508488  | -              | -                            | - * * * Presser Bar Guide                                                                                                     |
| 514043  | -              | -                            | - * * * Needle Bar Rock Shaft Bushing (2)                                                                                     |
| 514044  | -              | -                            | - * * * Needle Bar Rock Frame Position Bracket                                                                                |
| 514077  | -              | -                            | - * * * Needle Bar Rock Frame                                                                                                 |
| 544324  | -              | -                            | - * * * Needle Bar Rock Frame Hinge Stud Set Screw                                                                            |
| 544326  | -              | -                            | - * * * Needle Bar Rock Frame Rock Shaft Slide Block<br>Stud Set Screw                                                        |
| 545361  | -              | -                            | - * * * Presser Bar Guide Screw (2)                                                                                           |
| 544351  | -              | -                            | - * * * Needle Bar Rock Shaft Connection Link Crank<br>Pinch Screw                                                            |
| 545114  | *              | *                            | * * * * Oil Guard Screw (2)                                                                                                   |
| 545443  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Hinge Screw                                                                               |
| 545443  | -              | -                            | - * * * Needle Bar Rock Shaft Crank Link Slide Screw<br>Lock Nut                                                              |

544329 — 

544399 — 

412026 — 

264510 — 



412021

412023

412025

549075 —   
223655 — 

543804-005

544411 — 

412024

545405 — 

412089 — 

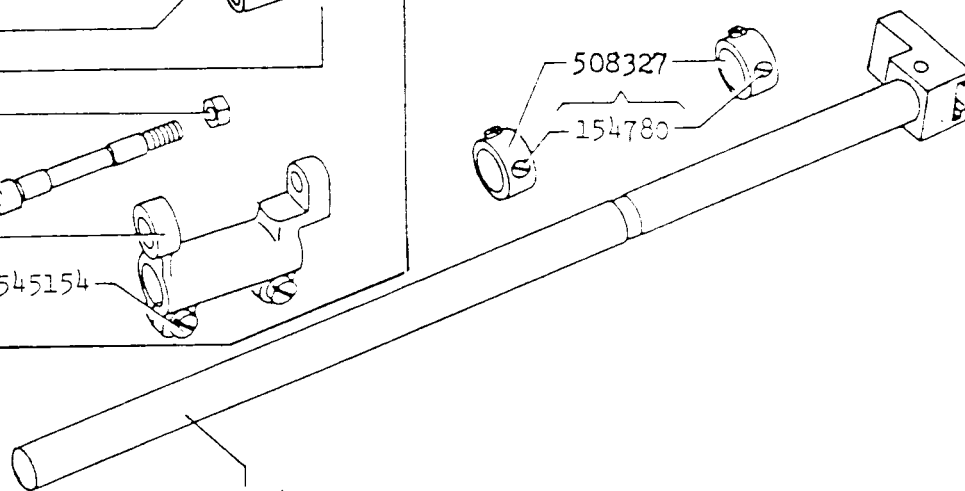
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545154 — 

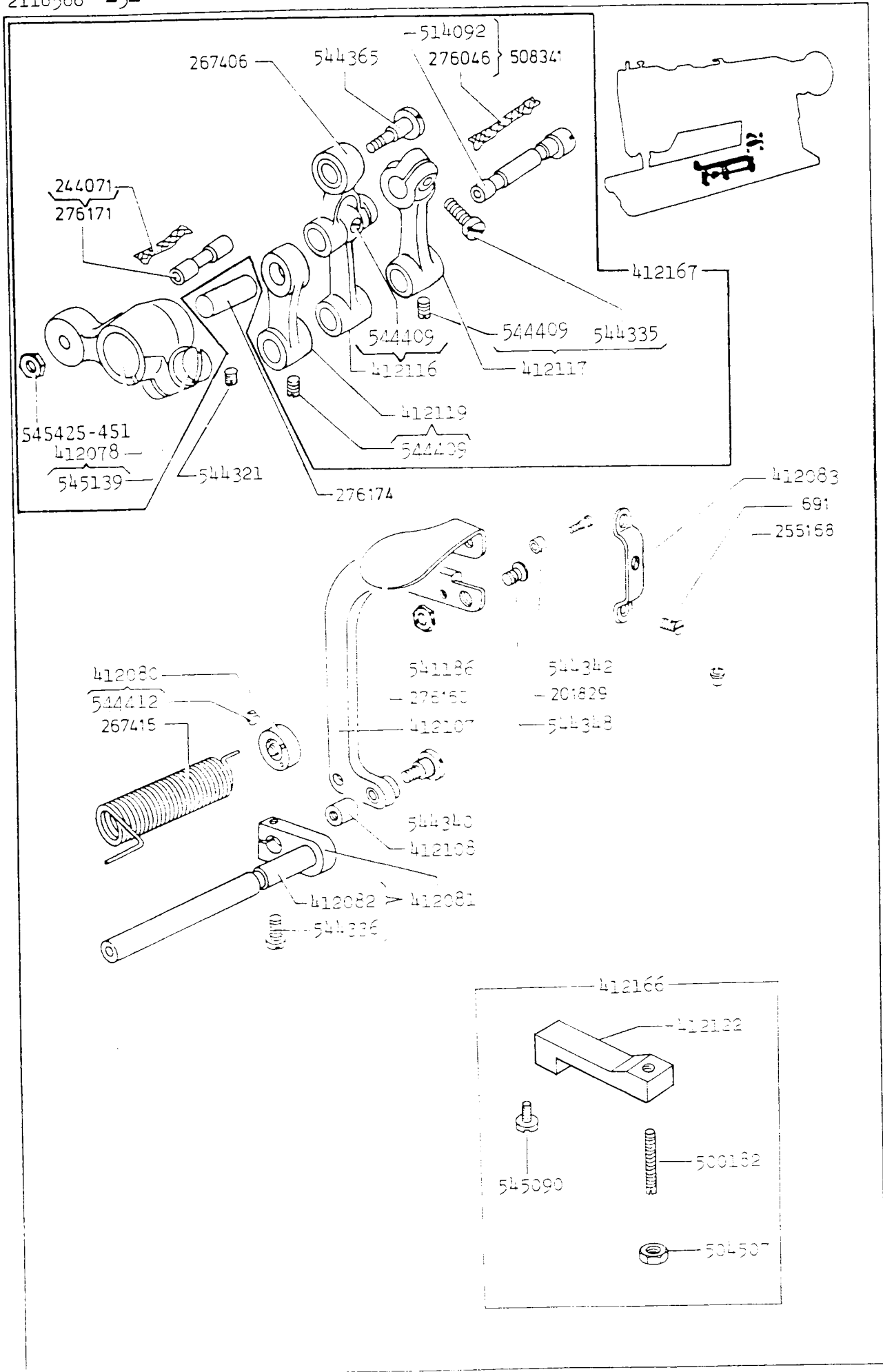
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154780 — 

515724

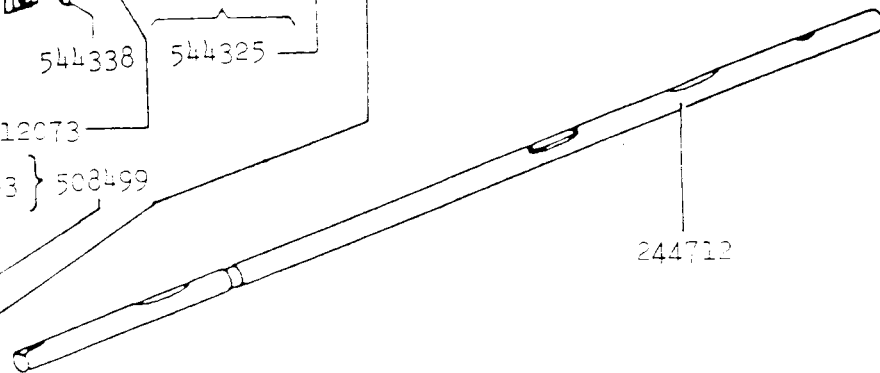
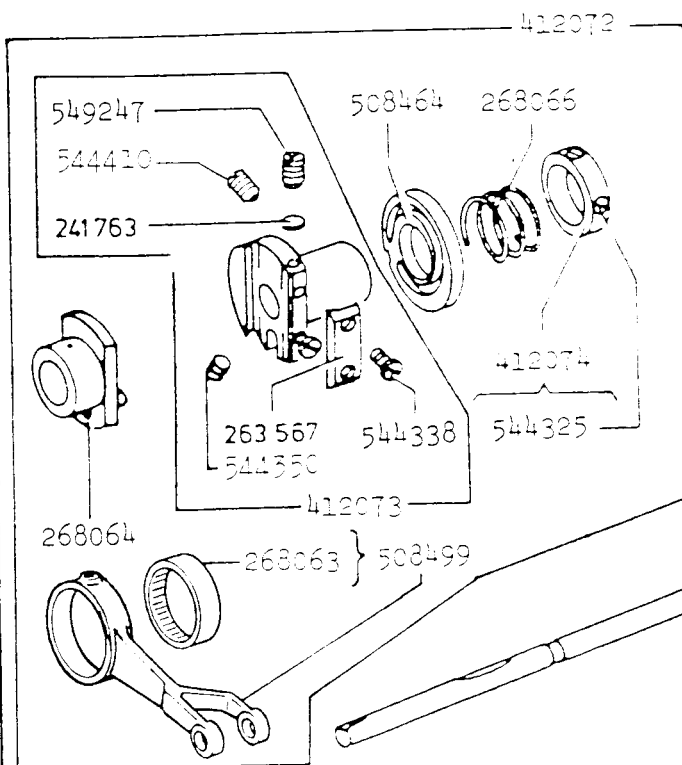
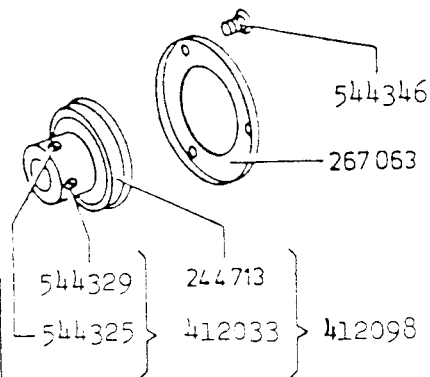
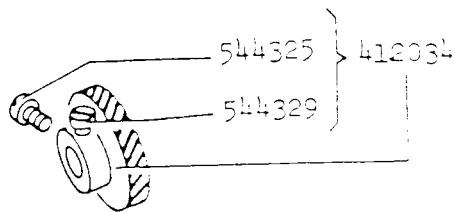
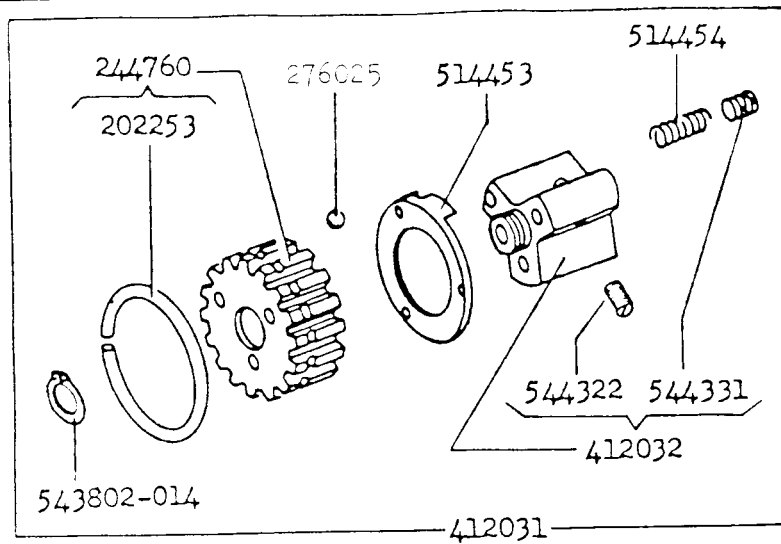
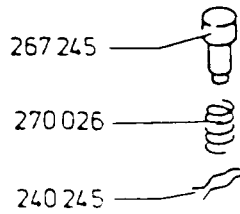
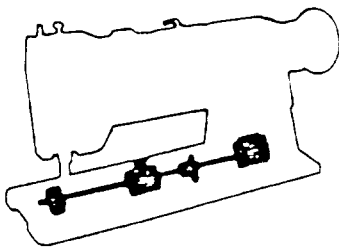


| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                                        |
|------------|------------------------------------------------|--------------------------------------------------------------------|
| 154780     | * * * * *                                      | Feed Driving Rock Shaft Stop Collar Set Screw (4)                  |
| 223655     | * * * * *                                      | Feed Lifting Eccentric Fork Oiling Felt                            |
| 264510     | - - - * - *                                    | Feed Dog                                                           |
| 412021     | - - - * * *                                    | Feed Driving Rock Frame Complete 412022, 412023,<br>412089, 545405 |
| 412022     | * * * * *                                      | Feed Driving Rock Frame with 545154 (2)                            |
| 412023     | - - - * * *                                    | Feed Bar Complete 543804-005, 412024, 412025, 544411               |
| 412024     | - - * * * *                                    | Feed Bar                                                           |
| 412025     | - - - * * *                                    | Feed Lifting Eccentric Fork with 223655, 549075                    |
| 412026     | * * * * *                                      | Feed Lifting Eccentric with 544329                                 |
| 412089     | * * * * *                                      | Feed Bar Hinge Screw                                               |
| 508327     | * * * * *                                      | Feed Driving Rock Shaft Stop Collar (2) with 154780                |
| 515724     | - - - * * *                                    | Feed Driving Rock Shaft                                            |
| 225837     | * * * * *                                      | Feed Lifting Eccentric Fork Screw Washer                           |
| 543804-005 | * * * * *                                      | Feed Lifting Eccentric Set Screw                                   |
| 544399     | * * * * *                                      | Feed Dog Screw (2)                                                 |
| 544411     | * * * * *                                      | Feed Lifting Eccentric Fork Screw                                  |
| 545154     | * * * * *                                      | Feed Driving Rock Frame Pinch Screw (2)                            |
| 545405     | * * * * *                                      | Feed Bar Hinge Screw Nut                                           |
| 549075     | * * * * *                                      | Feed Lifting Eccentric Fork Oiling Felt Screw                      |

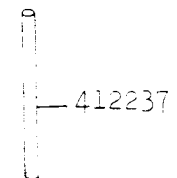
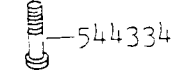
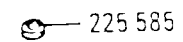
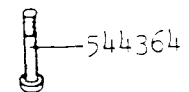
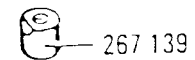
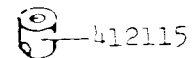
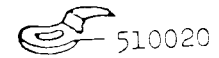
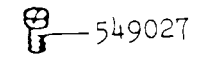
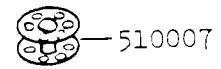
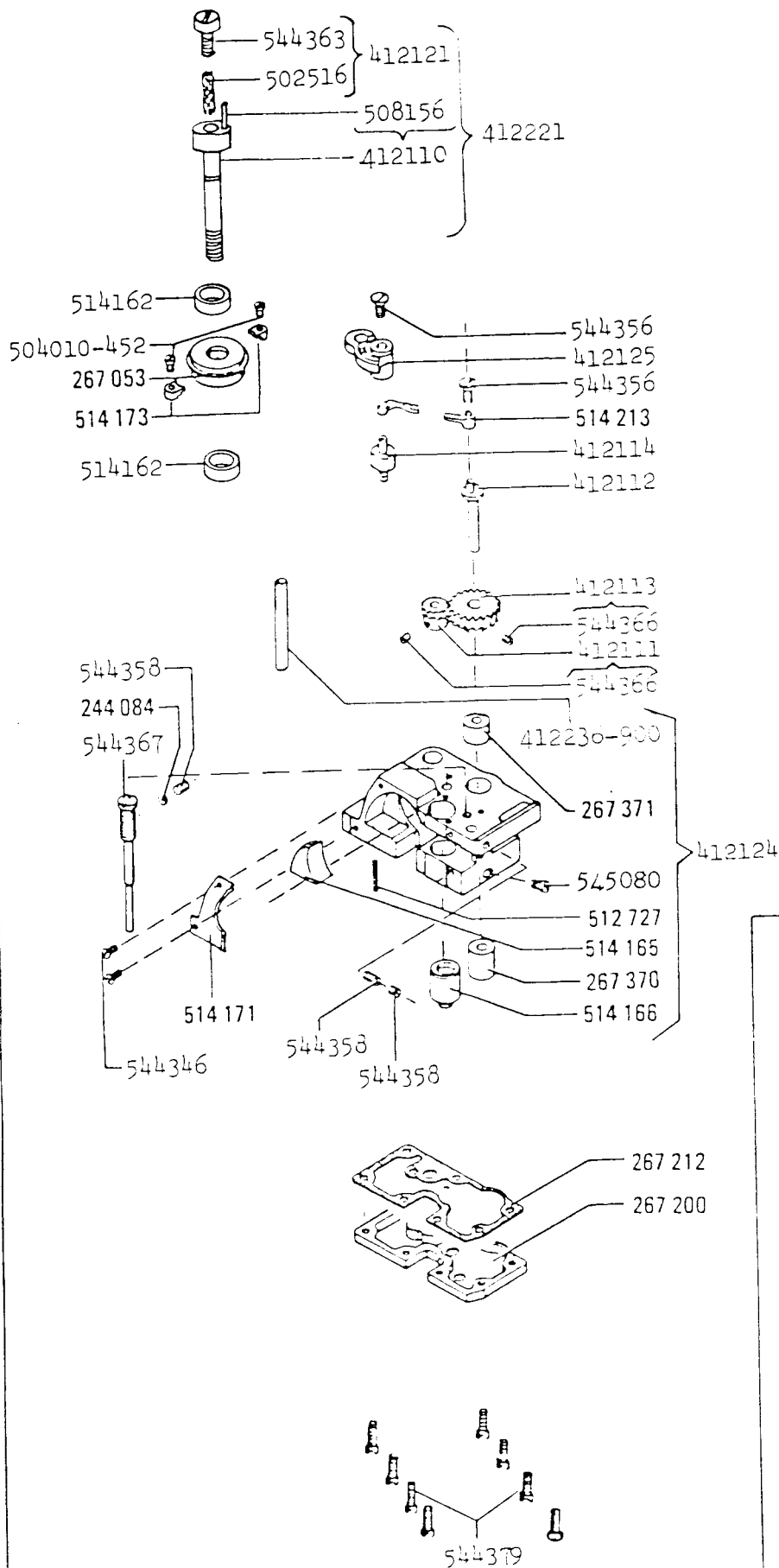




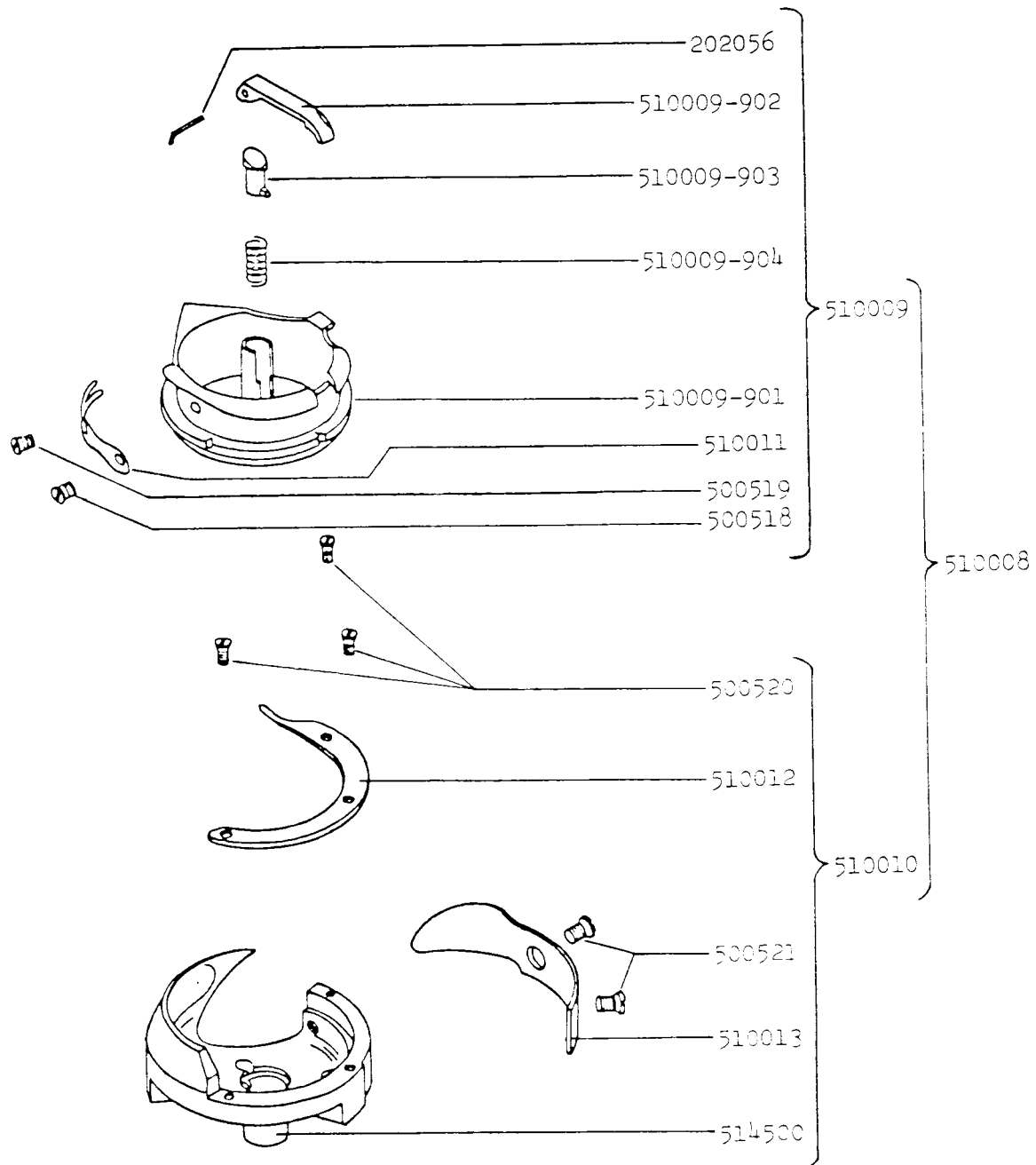
| No.        | 212U141<br>442 | 211U157<br>165<br>166<br>566 | Description                                                                                      |
|------------|----------------|------------------------------|--------------------------------------------------------------------------------------------------|
| 691        | * * *          | - * *                        | Feed Reversing Lever Guide Roller Position Plate Screw (2)                                       |
| 201829     | * * *          | - * *                        | Feed Reversing Lever Guide Roller                                                                |
| 244071     | * * *          | - * *                        | Feed Driving Eccentric Connection Hinge Pin Oil Wick                                             |
| 255168     | * * *          | - * *                        | Bed Oil Cup (2)                                                                                  |
| 267406     | * * *          | - * *                        | Feed Driving Eccentric Connection Link                                                           |
| 267415     | * * *          | - * *                        | Feed Reversing Lever Spring                                                                      |
| 276046     | * * *          | - * *                        | Feed Reversing Shaft Crank Hinge Stud Oil Packing (Wick)                                         |
| 276160     | * * *          | - * *                        | Feed Reversing Lever Handle                                                                      |
| 276171     | * * *          | - * *                        | Feed Driving Eccentric Connection Hinge Pin with 244071                                          |
| 276174     | * * *          | - * *                        | Feed Reversing Mechanism Support Link Hinge Stud                                                 |
| 412078     | * * *          | - * *                        | Feed Driving Rock Shaft Crank with 545139                                                        |
| 412080     | * * *          | - * *                        | Feed Reversing Lever Spring Collar with 544412 (2)                                               |
| 412081     | * * *          | - * *                        | Feed Reversing Shaft complete 412082, 544336                                                     |
| 412082     | * * *          | - * *                        | Feed Reversing Shaft                                                                             |
| 412083     | * * *          | - * *                        | Feed Reversing Lever Guide Roller Position Plate                                                 |
| 412107     | * * *          | - * *                        | Feed Reversing Lever                                                                             |
| 412108     | - - *          | - * *                        | Feed Reversing Shaft Driving Stud                                                                |
| 412116     | - - -          | - * *                        | Feed Reversing Shaft Link with 544409                                                            |
| 412117     | - - -          | - * *                        | Feed Reversing Shaft Crank with 544335, 544409                                                   |
| 412119     | - - -          | - * *                        | Feed Reversing Mechanism Support Link with 544409                                                |
| 412122     | - - -          | - * *                        | Stitch Position Stop                                                                             |
| 412166     | - - -          | - * *                        | Stitch Position Stop complete 412122, 500182, 504507                                             |
| 412167     | - - -          | - * *                        | Reverse Feed complete 267406, 276171, 412078, 412116, 412117, 412119, 508341, 544365, 545425-451 |
| 500182     | - - -          | - * *                        | Stitch Position Stop Screw                                                                       |
| 504507     | - - -          | - * *                        | Stitch Position Stop Screw Nut                                                                   |
| 508341     | * * *          | - * *                        | Feed Reversing Shaft Crank Hinge Stud complete 276046, 514092                                    |
| 514092     | * * *          | - * *                        | Feed Reversing Shaft Crank Hinge Stud                                                            |
| 541186     | * * *          | - * *                        | Feed Reversing Lever Handle Screw Nut                                                            |
| 544321     | * * *          | - * *                        | Feed Reversing Mechanism Support Link Hinge Stud Set Screw                                       |
| 544335     | * * *          | - * *                        | Feed Reversing Shaft Crank Pinch Screw                                                           |
| 544336     | * * *          | - * *                        | Feed Reversing Shaft Driving Stud Set Screw                                                      |
| 544340     | * * *          | - * *                        | Feed Reversing Lever Hinge Screw                                                                 |
| 544342     | * * *          | - * *                        | Feed Reversing Lever Guide Roller Screw                                                          |
| 544348     | * * *          | - * *                        | Feed Reversing Lever Handle Screw                                                                |
| 544365     | * * *          | - * *                        | Feed Driving Rock Shaft Crank Hinge Screw                                                        |
| 544409     | * * *          | - * *                        | Feed Driving Eccentric Connection Hinge Pin Set Screw                                            |
| 544409     | * * *          | - * *                        | Feed Reversing Shaft Crank Hinge Stud Set Screw                                                  |
| 544409     | * * *          | - * *                        | Feed Reversing Shaft Crank Hinge Stud Set Screw                                                  |
| 544412     | * * *          | - * *                        | Feed Reversing Lever Spring Collar Set Screw (2)                                                 |
| 545139     | * * *          | - * *                        | Feed Driving Rock Shaft Crank Pinch Screw                                                        |
| 545090     | - - -          | - * *                        | Stitch Position Stop Set Screw (2)                                                               |
| 545425-451 | * * *          | - * *                        | Feed Driving Rock Shaft Crank Hinge Screw Nut                                                    |



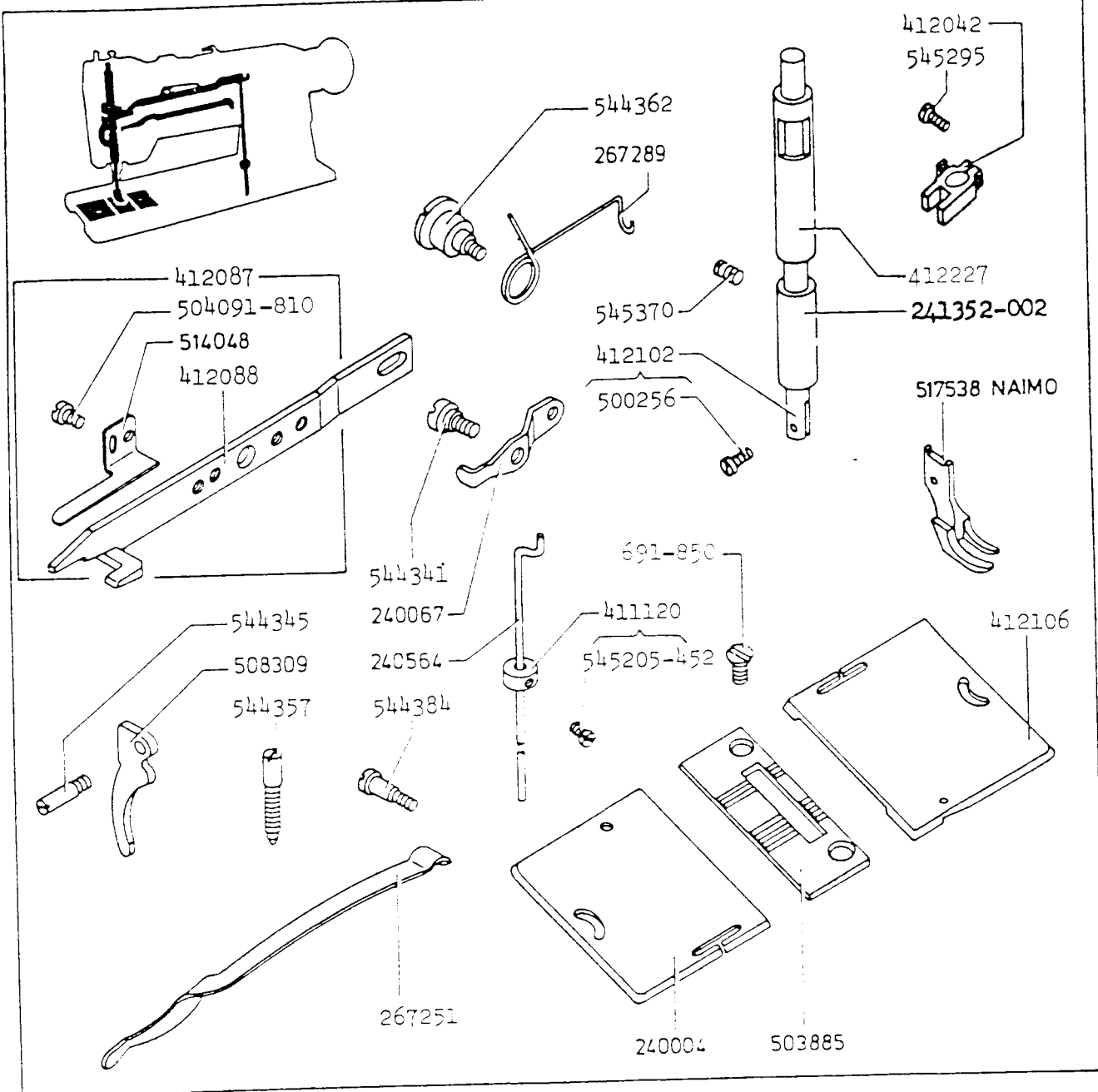
| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                                                                |
|------------|------------------------------------------------|--------------------------------------------------------------------------------------------|
| 202253     | * * * * *                                      | Safty Clutch Belt Pulley Spring                                                            |
| 240245     | * * * * *                                      | Feed Regulating Stud Retaining Spring                                                      |
| 241763     | * * * * *                                      | Feed Driving Eccentric Friction Plate Screw Set<br>Screw Packing (brass) (2)               |
| 244712     | - - * * *                                      | Hook Driving Shaft                                                                         |
| 244713     | * * * * *                                      | Hook Driving Shaft Ball Bearing                                                            |
| 244760     | - - * * *                                      | Safty Clutch Belt Pulley with 202253                                                       |
| 263567     | * * * * *                                      | Feed Driving Eccentric Friction Plate                                                      |
| 267063     | * * * * *                                      | Hook Driving Shaft Ball Bearing Retaining Washer                                           |
| 267245     | * * * * *                                      | Feed Regulating Stud                                                                       |
| 268063     | * * * * *                                      | Feed Driving Eccentric Connection Needle Bearing                                           |
| 268064     | * * * * *                                      | Feed Driving Eccentric                                                                     |
| 268066     | * * * * *                                      | Feed Driving Eccentric Adjusting Disc Spring                                               |
| 270026     | * * * * *                                      | Feed Regulating Stud Spring                                                                |
| 276025     | - - * * *                                      | Safty Clutch Driving Ball (7/32 in diameter) (3)                                           |
| 412031     | - - * * *                                      | Safty Clutch Complete 244760, 276025 (3), 412032,<br>514453, 514454 (3), 543802-014        |
| 412032     | - - * * *                                      | Safty Clutch Over Load Pulley with 544322 (2), 544331 (3)                                  |
| 412033     | * * * * *                                      | Hook Driving Shaft Ball Bearing Collar with 544325,<br>544329                              |
| 412034     | * * * * *                                      | Hook Driving Gear with 544325, 544329                                                      |
| 412073     | - - - - *                                      | Feed Driving Eccentric Complete 268064, 268066, 412073,<br>412074, 508464, 518499          |
| 412073     | - - - - *                                      | Feed Driving Flange with 241763 (2), 263567, 544338 (2),<br>544350 (2), 544410, 549247 (2) |
| 412074     | - - - - *                                      | Feed Driving Eccentric Adjusting Disc Spring Collar<br>with 544325 (2)                     |
| 412098     | * * * * *                                      | Hook Driving Shaft Ball Bearing Collar Complete 244713,<br>412033                          |
| 508464     | - - - - *                                      | Feed Driving Eccentric Adjusting Disc                                                      |
| 508499     | * * * - *                                      | Feed Driving Eccentric Connection With 268063                                              |
| 514453     | - - * * *                                      | Safty Clutch Disc                                                                          |
| 514454     | - - * * *                                      | Safty Clutch Driving Ball Spring (3)                                                       |
| 543802-014 | - - * * *                                      | Safty Clutch Over Load Pulley Retaining Ring                                               |
| 544322     | - - * * *                                      | Safty Clutch Over Load Pulley Set Screw (2)                                                |
| 544325     | * * * * *                                      | Feed Driving Eccentric Adjusting Disc Spring Collar<br>Set Screw (2)                       |
| 544325     | * * * * *                                      | Hook Driving Shaft Ball Bearing Collar Set Screw                                           |
| 544325     | * * * * *                                      | Hook Driving Gear Set Screw                                                                |
| 544329     | * * * * *                                      | Hook Driving Shaft Ball Bearing Collar Position Screw                                      |
| 544329     | * * * * *                                      | Hook Driving Gear Position Screw                                                           |
| 544331     | - - * * *                                      | Safty Clutch Over Load Pulley Adjusting Screw (3)                                          |
| 544338     | * * * * *                                      | Feed Driving Eccentric Friction Plate Screw (2)                                            |
| 544346     | * * * * *                                      | Hook Driving Shaft Ball Bearing Retaining Washer Screw (3)                                 |
| 544350     | * * * * *                                      | Feed Driving Flange Set Screw (1)                                                          |
| 544410     | * * * * *                                      | Feed Driving Flange Position Screw                                                         |
| 549247     | * * * * *                                      | Feed Driving Eccentric Friction Plate Screw Set Screw (2)                                  |



| No.        |         |     |         |     |     | Description                                                                                                                                                                                                                                 |
|------------|---------|-----|---------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 212U141 | 442 | 211U157 | 165 | 166 |                                                                                                                                                                                                                                             |
| 225585     | *       | *   | *       | *   | *   | Hook Saddle Screw Washer                                                                                                                                                                                                                    |
| 224084     | *       | *   | *       | -   | -   | Hook Saddle Oil Regulating Screw Check Screw Packing                                                                                                                                                                                        |
| 267053     | *       | *   | *       | -   | -   | Hook Ball Bearing                                                                                                                                                                                                                           |
| 267139     | *       | *   | *       | -   | -   | Pinch Sleeve (lower)                                                                                                                                                                                                                        |
| 267200     | *       | *   | *       | -   | -   | Hook Saddle Oil Reservoir                                                                                                                                                                                                                   |
| 267212     | *       | *   | *       | -   | -   | Hook Saddle Oil Reservoir Gasket                                                                                                                                                                                                            |
| 267370     | *       | *   | *       | -   | -   | Bobbin Case Opener Driving Cam Shaft Bushing (lower)                                                                                                                                                                                        |
| 267371     | *       | *   | *       | -   | -   | Bobbin Case Opener Driving Cam Shaft Bushing (upper)                                                                                                                                                                                        |
| 412-10     | -       | -   | -       | -   | -   | Hook Shaft with 508156                                                                                                                                                                                                                      |
| 412111     | -       | -   | -       | -   | -   | Hook Driving Pinion (Spiral) with 544366 (2)                                                                                                                                                                                                |
| 412112     | *       | *   | *       | -   | -   | Bobbin Case Opener Cam Shaft                                                                                                                                                                                                                |
| 412113     | *       | *   | *       | -   | -   | Bobbin Case Opener Driving Cam Shaft Gear (Spiral)<br>with 544366 (2)                                                                                                                                                                       |
| 412114     | -       | -   | -       | -   | -   | Bobbin Case Opener Crank Hinge Stud                                                                                                                                                                                                         |
| 412115     | *       | *   | *       | -   | -   | Pinch Sleeve (upper)                                                                                                                                                                                                                        |
| 412121     | -       | -   | -       | -   | -   | Hook Shaft Oil Wick Holder complete 502516, 544363                                                                                                                                                                                          |
| 412123     | -       | -   | -       | -   | -   | Hook Saddle (right) complete 244084, 267053, 267200,<br>267212, 412111, 412112, 412113, 412114, 412124,<br>412125, 412221, 504010-452 (2), 514162, 514171,<br>514173 (2), 514213, 544346 (2), 544356 (2),<br>544358 (3), 544367, 544379 (8) |
| 412124     | *       | *   | *       | -   | -   | Hook Saddle (right) with 267370, 267371, 412236-900,<br>512727, 514165, 514166, 545080                                                                                                                                                      |
| 412125     | -       | -   | -       | -   | -   | Bobbin Case Opener Crank                                                                                                                                                                                                                    |
| 412221     | -       | -   | -       | -   | -   | Hook Shaft, Hook Shaft Oil Wick Holder complete<br>412110, 412121                                                                                                                                                                           |
| 412236-900 | *       | *   | *       | -   | -   | Hook Saddle Oil Gauge Sleeve                                                                                                                                                                                                                |
| 412237     | *       | *   | *       | -   | -   | Hook Saddle Oil Gauge                                                                                                                                                                                                                       |
| 502516     | -       | -   | -       | -   | -   | Hook Shaft Oil Wick                                                                                                                                                                                                                         |
| 504010-452 | *       | *   | *       | -   | -   | Hook Ball Bearing Retainer Screw (2)                                                                                                                                                                                                        |
| 508156     | -       | -   | -       | -   | -   | Hook Shaft Parallel Pin                                                                                                                                                                                                                     |
| 510007     | -       | -   | -       | -   | -   | Bobbin                                                                                                                                                                                                                                      |
| 510020     | -       | -   | -       | -   | -   | Bobbin Case Opener                                                                                                                                                                                                                          |
| 512727     | *       | *   | *       | -   | -   | Hook Saddle Oil Wick                                                                                                                                                                                                                        |
| 514162     | -       | -   | -       | -   | -   | Spacer                                                                                                                                                                                                                                      |
| 514165     | *       | *   | *       | -   | -   | Hook Saddle Foam Cushion                                                                                                                                                                                                                    |
| 514166     | *       | *   | *       | -   | -   | Hook Shaft Bushing                                                                                                                                                                                                                          |
| 514170     | -       | -   | -       | -   | -   | Hook Spacer (7)                                                                                                                                                                                                                             |
| 514171     | *       | *   | *       | -   | -   | Hook Saddle Cover Plate                                                                                                                                                                                                                     |
| 514173     | *       | *   | *       | -   | -   | Hook Ball Bearing Retainer (2)                                                                                                                                                                                                              |
| 514213     | *       | *   | *       | -   | -   | Bobbin Case Opener Link                                                                                                                                                                                                                     |
| 544334     | *       | *   | *       | *   | *   | Hook Saddle Screw                                                                                                                                                                                                                           |
| 544346     | *       | *   | *       | -   | -   | Hook Saddle Cover Plate Screw (2)                                                                                                                                                                                                           |
| 544356     | *       | *   | *       | -   | -   | Bobbin Case Opener Crank Cap Screw                                                                                                                                                                                                          |
| 544356     | *       | *   | *       | -   | -   | Bobbin Case Opener Link Cap Screw                                                                                                                                                                                                           |
| 544358     | *       | *   | *       | -   | -   | Hook Saddle Oil Regulating Screw Check Screw                                                                                                                                                                                                |
| 544358     | *       | *   | *       | -   | -   | Bobbin Case Opener Crank Hinge Stud Set Screw                                                                                                                                                                                               |
| 544358     | *       | *   | *       | -   | -   | Bobbin Case Opener Crank Hinge Stud Set Screw Check Screw                                                                                                                                                                                   |
| 544363     | -       | -   | -       | -   | -   | Hook Shaft Oil Wick Holder                                                                                                                                                                                                                  |
| 544364     | *       | *   | *       | -   | -   | Pinch Sleeve Screw                                                                                                                                                                                                                          |
| 544366     | *       | *   | *       | -   | -   | Bobbin Case Opener Driving Cam Shaft Gear (Spiral)<br>Set Screw (2)                                                                                                                                                                         |
| 544366     | *       | *   | *       | -   | -   | Hook Driving Pinion (Spiral) Set Screw (2)                                                                                                                                                                                                  |
| 544367     | *       | *   | *       | -   | -   | Hook Saddle Oil Regulating Screw                                                                                                                                                                                                            |
| 544379     | *       | *   | *       | -   | -   | Hook Saddle Oil Reservoir Screw (8)                                                                                                                                                                                                         |
| 545080     | *       | *   | *       | -   | -   | Hook Saddle Oil Stop Screw                                                                                                                                                                                                                  |
| 549027     | *       | *   | *       | *   | *   | Bobbin Case Opener Screw                                                                                                                                                                                                                    |

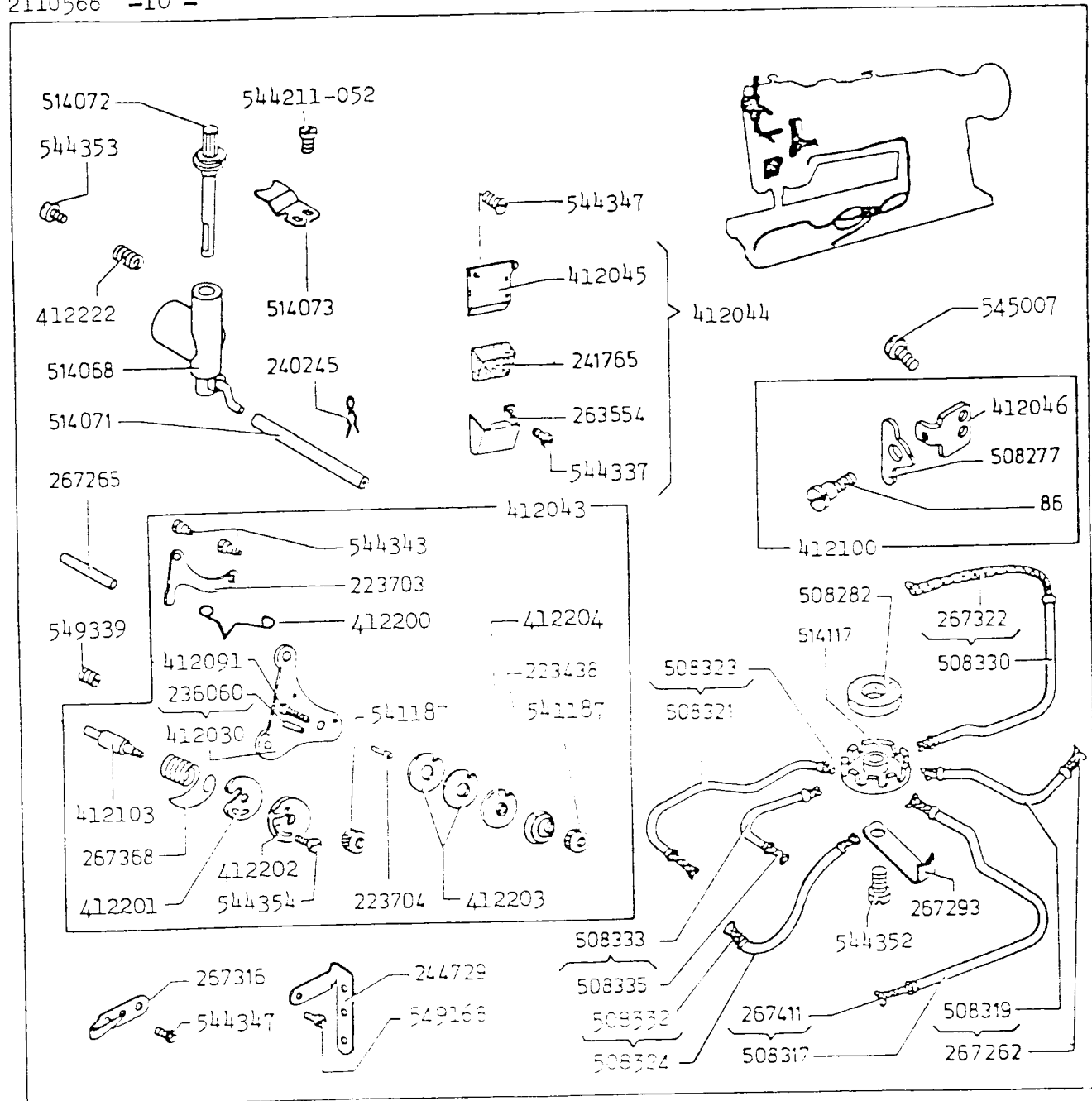


| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                              |
|------------|------------------------------------------------|----------------------------------------------------------|
| 202056     | * * * * *                                      | Bobbin Case Latch Pin                                    |
| 500518     | - - - - *                                      | Bobbin Case Tension Spring Screw                         |
| 500519     | - - - - *                                      | Bobbin Case Tension Spring Regulating Screw              |
| 500520     | - - - - *                                      | Hook Gib Screw (3)                                       |
| 500521     | - - - - *                                      | Hook Needle Guard Screw (2)                              |
| 510008     | - - - - *                                      | Hook and Bobbin Case complete 510009, 510010             |
| 510009     | - - - - *                                      | Bobbin Case complete 202056, 500518, 500519, 510009-901, |
|            |                                                | 510009-902, 510009-903, 510009-904, 510011               |
| 510009-901 | - - - - *                                      | Bobbin Case Body                                         |
| 510009-902 | - - - - *                                      | Bobbin Case Latch                                        |
| 510009-903 | - - - - *                                      | Bobbin Case Latch Plunger                                |
| 510009-904 | - - - - *                                      | Bobbin Case Latch Spring                                 |
| 510010     | - - - - *                                      | Hook complete 500520 (3), 500521 (2), 510012, 510013,    |
|            |                                                | 514500                                                   |
| 510011     | - - - - *                                      | Bobbin Case Tension Spring                               |
| 510012     | - - - - *                                      | Hook Gib                                                 |
| 510013     | - - - - *                                      | Hook Needle Guard                                        |
| 514500     | - - - - *                                      | Hook Body                                                |



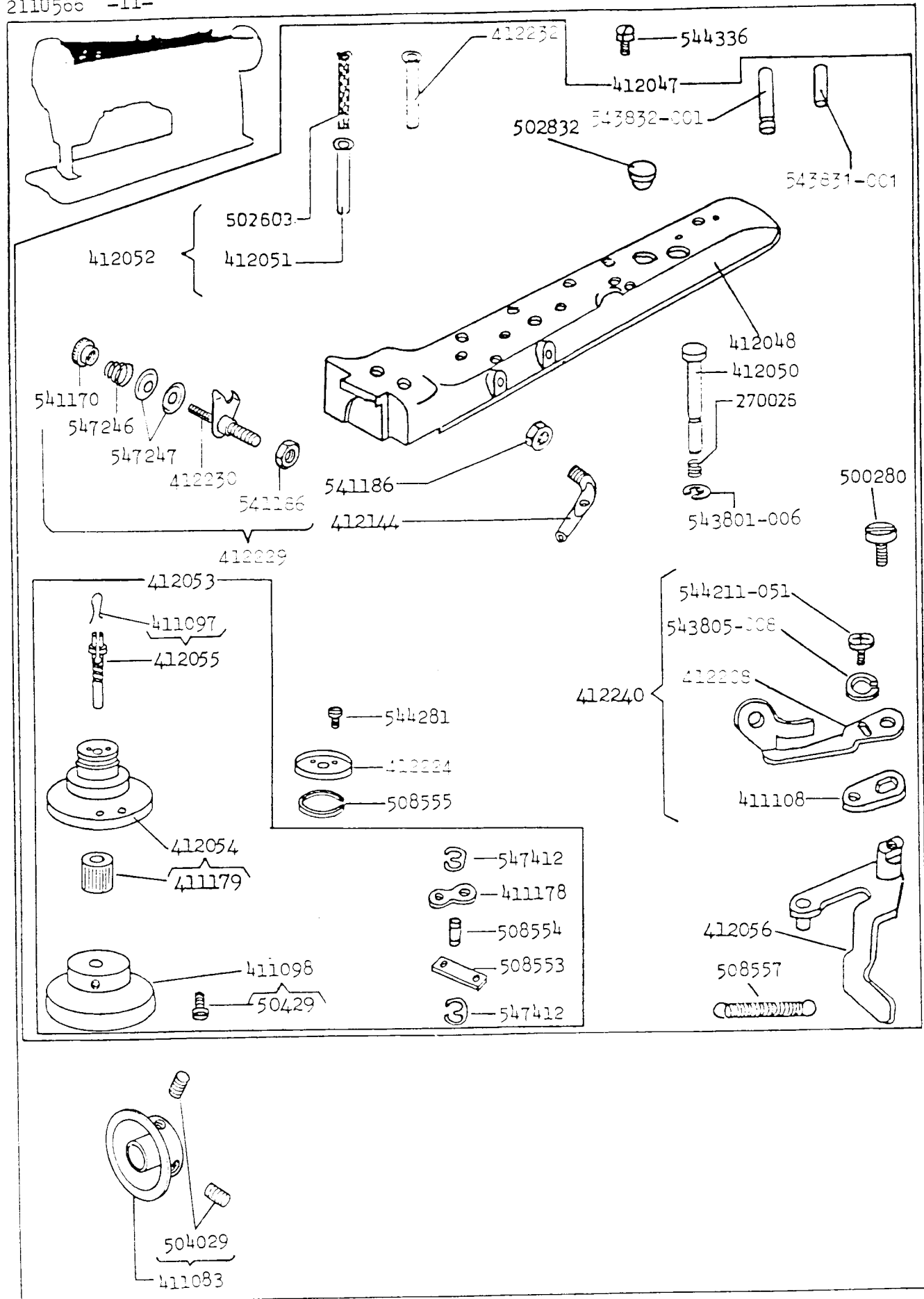


| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                            |
|------------|------------------------------------------------|--------------------------------------------------------|
| 691-850    | * * * * *                                      | Throat Plate Screw (2)                                 |
| 240004     | - - * * * *                                    | Bed Slide (front)                                      |
| 240067     | * * * * *                                      | Knee Lifter Connection Lever                           |
| 240564     | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod               |
| 241352-002 | - - - * * *                                    | Presser Bar Bushing (lower)                            |
| 267251     | * * * * *                                      | Presser Bar Spring (flat)                              |
| 267289     | * * * * *                                      | Knee Lifter Lifting Lever Return Spring                |
| 411120     | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Stop Collar   |
|            |                                                | with 545205-452                                        |
| 412042     | - - - * * *                                    | Presser Bar Spring Bracket with 545295                 |
| 412087     | - - - * * *                                    | Knee Lifter Lifting Lever Complete 412088, 504091-810, |
|            |                                                | 514048                                                 |
| 412088     | - - - * * *                                    | Knee Lifter Lifting Lever                              |
| 412102     | * * * * *                                      | Presser Bar with 500256                                |
| 412106     | - - * * * *                                    | Bed Slide (back)                                       |
| 412227     | - - - * * *                                    | Presser Bar Bushing (upper)                            |
| 500256     | * * * * *                                      | Lifting Presser Foot Screw                             |
| 503885     | - - - * * *                                    | Throat Plate                                           |
| 504091-810 | - - - * * *                                    | Tension Release Actuating Spring Screw                 |
| 508309     | - - - * * *                                    | Presser Bar Lifter                                     |
| 514048     | - - - * * *                                    | Tension Release Actuating Spring                       |
| 517538     | - - - * * *                                    | Lifting Presser Foot (naimo)                           |
| 544341     | * * * * *                                      | Knee Lifter Connection Lever Hinge Screw               |
| 544345     | * * * * *                                      | Presser Bar Lifter Hinge Screw                         |
| 544357     | * * * * *                                      | Presser Bar Spring Regulating Screw                    |
| 544362     | * * * * *                                      | Knee Lifter Lifting Lever Pinch Screw                  |
| 544384     | * * * * *                                      | Presser Bar Spring Support Screw                       |
| 545205-452 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Stop          |
|            |                                                | Collar Set Screw                                       |
| 545295     | * * * * *                                      | Presser Bar Spring Bracket Pinch Screw                 |
| 545370     | * * * * *                                      | Presser Bar Bushing (lower) Set Screw                  |

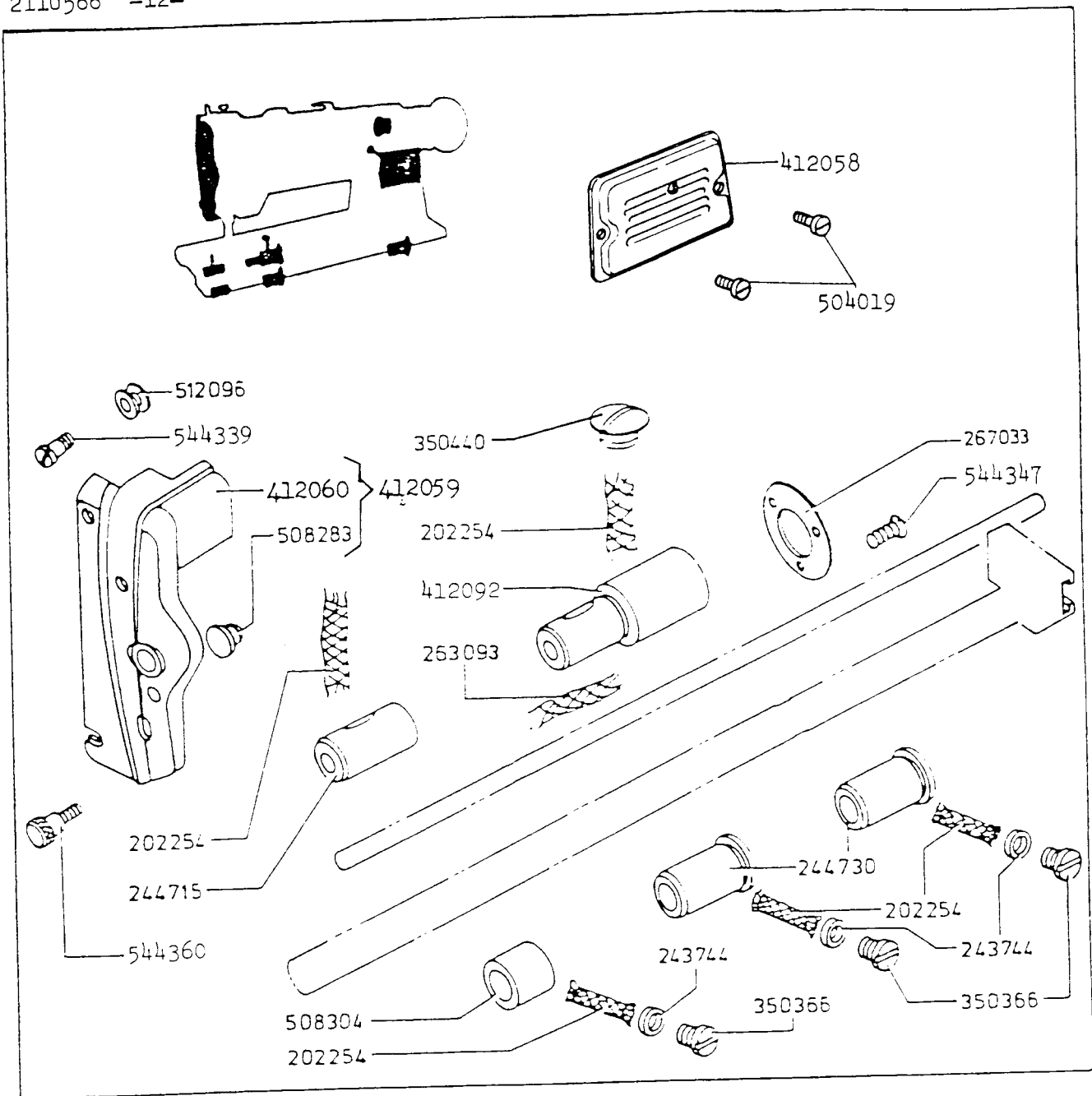


| No.    | 212U141<br>412 | 211U157<br>165<br>166<br>566 | Description                                 |
|--------|----------------|------------------------------|---------------------------------------------|
| 86     | -              | - * * *                      | Tension Release Bell Crank Hinge Screw      |
| 223438 | -              | - * * * *                    | Tension Spring                              |
| 223703 | *              | * * * * *                    | Tension Release Lever                       |
| 223704 | *              | * * * * *                    | Tension Release Plunger                     |
| 236060 | *              | * * * * *                    | Tension Disc Position Pin                   |
| 240245 | -              | - * * *                      | Thread Lubricating Reservoir Oil Tube Clamp |
| 241765 | -              | - * * * *                    | Thread Lubricator Oil Pad (felt)            |
| 244729 | -              | - * * * *                    | Thread Retainer                             |

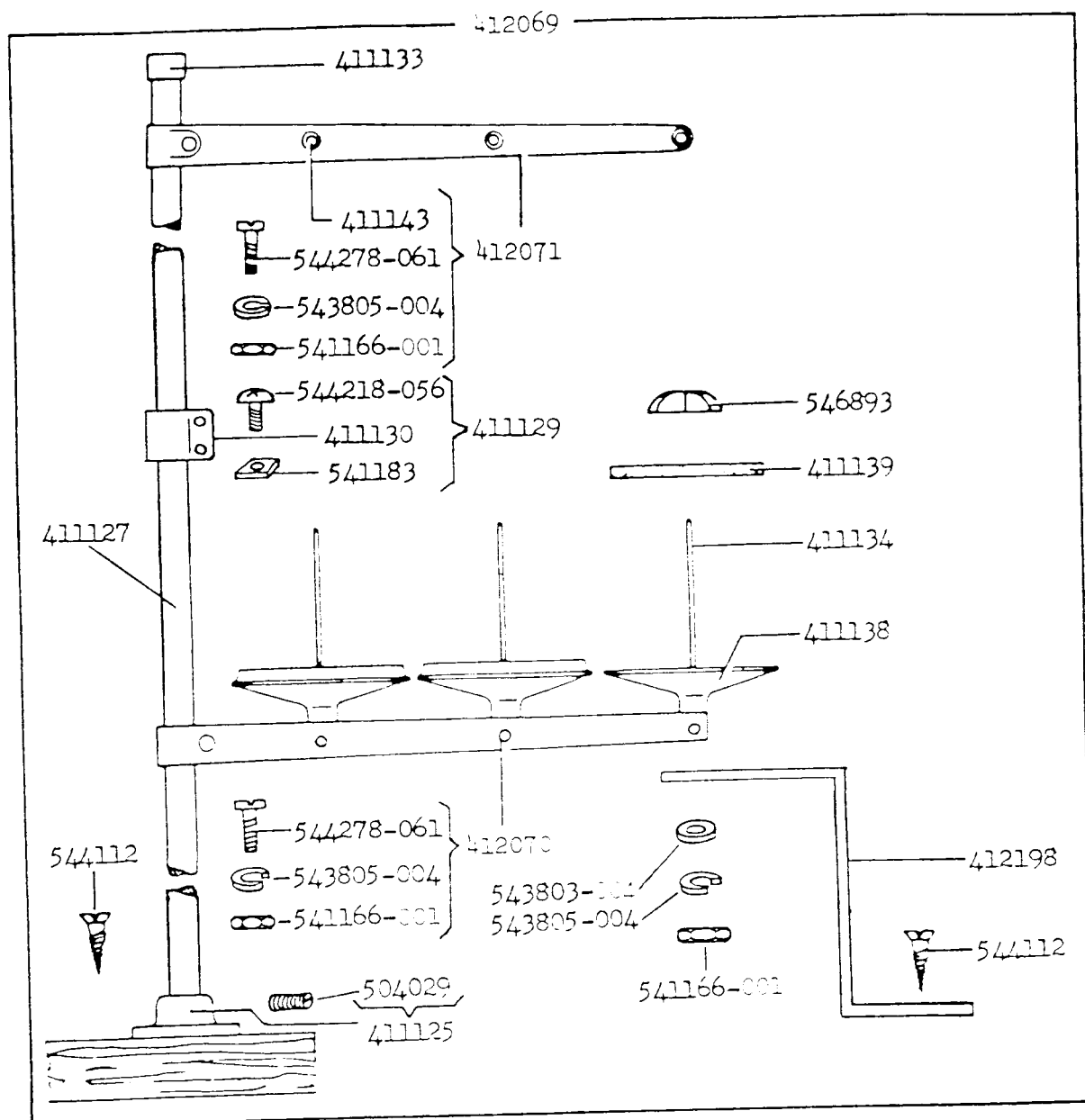
| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                                                                                                                       |
|------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 263554     | - - * * * *                                    | Thread Lubricator Oil Pad Holder                                                                                                                  |
| 267262     | - - * * * *                                    | Feed Driving Rock Shaft Bushing Oil Tube Wick                                                                                                     |
| 267265     | * * * * *                                      | Tension Release Lever Rod                                                                                                                         |
| 267293     | * * * * *                                      | Bed Oil Tube Clamp                                                                                                                                |
| 267316     | * * * * *                                      | Thread Guide                                                                                                                                      |
| 267322     | * * * * *                                      | Bed Oil Supply Tube Oil Wick                                                                                                                      |
| 267368     | * * * * *                                      | Thread Controller Spring                                                                                                                          |
| 267411     | * * * * *                                      | Feed Driving Rock Shaft Bushing Oil Tube Wick                                                                                                     |
| 412030     | - - * * * *                                    | Tension Bracket with 236060                                                                                                                       |
| 412043     | - - * * * *                                    | Tension Bracket Complete 223438, 223703, 223704, 267368,<br>412030, 412103, 412201, 412202, 412203, 412204,<br>541187 (2), 544343 (2), 544354 (2) |
| 412044     | - - * * * *                                    | Thread Lubricator Oil Pad Holder Complete 241765,<br>263554, 412045, 544337 (2)                                                                   |
| 412045     | - - * * * *                                    | Thread Lubricator Plate                                                                                                                           |
| 412046     | - - * * * *                                    | Tension Release Bracket                                                                                                                           |
| 412091     | * * * * *                                      | Tension Stud                                                                                                                                      |
| 412100     | - - * * * *                                    | Tension Release Bracket Complete 86, 412046, 508277                                                                                               |
| 412103     | * * * * *                                      | Thread Controller Stud                                                                                                                            |
| 412200     | * * * * *                                      | Tension Release Lever Spring                                                                                                                      |
| 412201     | * * * * *                                      | Thread Controller Spring Stop                                                                                                                     |
| 412202     | * * * * *                                      | Thread Controller Disc                                                                                                                            |
| 412203     | * * * * *                                      | Tension Disc (2)                                                                                                                                  |
| 412204     | * * * * *                                      | Tension Release Washer                                                                                                                            |
| 514076     | - - * * * *                                    | Thread Lubricating Reservoir Clamping Spring                                                                                                      |
| 508277     | - - * * * *                                    | Tension Release Bell Crank                                                                                                                        |
| 508282     | * * * * *                                      | Bed Oil Tube Clamp Oiling Felt                                                                                                                    |
| 508317     | - - * * * *                                    | Feed Driving Rock Shaft Bushing Oil Tube with 267411                                                                                              |
| 508319     | - - * * * *                                    | Feed Driving Rock Shaft Bushing Oil Tube with 267262                                                                                              |
| 508321     | - - * * * *                                    | Hook Driving Shaft Bearing Left Oil Tube with 508323                                                                                              |
| 508323     | - - * * * *                                    | Hook Driving Shaft Bearing Left Oil Tube Wick                                                                                                     |
| 508324     | - - * * * *                                    | Hook Saddle Bearing Oil Tube With 508332                                                                                                          |
| 508330     | - - * * * *                                    | Bed Oil Supply Tube With 267322                                                                                                                   |
| 508331     | - - * * * *                                    | Hook Saddle Bearing Oil Tube Wick                                                                                                                 |
| 508333     | - - * * * *                                    | Feed Driving Eccentric Connection Oil Tube With 508335                                                                                            |
| 508335     | - - * * * *                                    | Feed Driving Eccentric Connection Oil Tube Wick                                                                                                   |
| 514068     | - - * * * *                                    | Thread Lubricating Reservoir                                                                                                                      |
| 514071     | - - * * * *                                    | Thread Lubricating Reservoir Oil Tube                                                                                                             |
| 514072     | - - * * * *                                    | Thread Lubricating Reservoir Stud                                                                                                                 |
| 514073     | - - * * * *                                    | Thread Lubricating Regulator Spring                                                                                                               |
| 514117     | * * * * *                                      | Bed Oil Tube Clamp                                                                                                                                |
| 541187     | * * * * *                                      | Tension Thumb Nut (2)                                                                                                                             |
| 544211-052 | - - * * * *                                    | Thread Lubricating Regulator Spring Set Screw (2)                                                                                                 |
| 544337     | - - * * * *                                    | Thread Lubricator Oil Pad Holder Screw (2)                                                                                                        |
| 544343     | * * * * *                                      | Tension Release Lever Hinge Stud (2)                                                                                                              |
| 544347     | - - * * * *                                    | Thread Lubricator Plate Screw (2)                                                                                                                 |
| 544347     | * * * * *                                      | Thread Guide Screw                                                                                                                                |
| 544352     | * * * * *                                      | Bed Oil Tube Clamp Screw                                                                                                                          |
| 544353     | - - * * * *                                    | Thread Lubricating Reservoir Clamping Spring Screw                                                                                                |
| 544354     | - - * * * *                                    | Thread Controller Disc Screw                                                                                                                      |
| 545007     | - - * * * *                                    | Tension Release Bracket Screw (2)                                                                                                                 |
| 549168     | * * * * *                                      | Thread Retainer Screw                                                                                                                             |
| 549339     | * * * * *                                      | Tension Controller Stud Set Screw                                                                                                                 |



| No.        |         |     |         |     |     | Description                                                                                                                                                                                         |
|------------|---------|-----|---------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 212U141 | 442 | 211U157 | 165 | 166 |                                                                                                                                                                                                     |
| 50429      | *       | *   | *       | *   | *   | Bobbin Winder Shaft Friction Wheel Set Screw (2)                                                                                                                                                    |
| 270C26     | -       | -   | -       | *   | *   | Presser Bar Lifting Regulating Stud Spring                                                                                                                                                          |
| 411083     | *       | *   | *       | *   | *   | Bobbin Winder Driving Wheel with 504029                                                                                                                                                             |
| 411097     | *       | *   | *       | *   | *   | Bobbin Snap Spring                                                                                                                                                                                  |
| 411098     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Friction Wheel with 504029                                                                                                                                                      |
| 411108     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever (Short)                                                                                                                                               |
| 411178     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Connection Lever                                                                                                                                                       |
| 411179     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Bearing                                                                                                                                                          |
| 412047     | -       | -   | -       | *   | *   | Arm Cover (Top) Complete 270026, 412048, 412050, 412052, 412053, 412056, 412144, 412224, 412229, 412232, 412240, 500280, 502832, 508555, 508557, 541186, 543801-006, 543831-001, 543832-001, 544281 |
| 412048     | -       | -   | -       | *   | *   | Arm Cover (Top)                                                                                                                                                                                     |
| 412050     | -       | -   | -       | *   | *   | Presser Bar Lifting Regulating Stud                                                                                                                                                                 |
| 412051     | -       | -   | -       | *   | *   | Arm Cover (Top) Oil Pipe                                                                                                                                                                            |
| 412052     | -       | -   | -       | *   | *   | Arm Cover (Top) Oil Pipe Complete 412051, 502603                                                                                                                                                    |
| 412053     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Complete 411098, 411178, 412054, 412055, 508553, 508554, 547412                                                                                                  |
| 412054     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) with 411179                                                                                                                                                      |
| 412055     | *       | *   | *       | *   | *   | Bobbin Winder Shaft with 411097                                                                                                                                                                     |
| 412056     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Rocking Lever with                                                                                                                                                     |
| 412144     | *       | *   | *       | *   | *   | Thread Guide (Arm Top Cover)                                                                                                                                                                        |
| 412208     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever (Long)                                                                                                                                                |
| 412224     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Thread Guard                                                                                                                                                           |
| 412229     | *       | *   | *       | *   | *   | Bobbin Winder Tension Complete 412230, 541170, 541186, 547246, 547247                                                                                                                               |
| 412230     | *       | *   | *       | *   | *   | Bobbin Winder Tension Stud with 547245-900                                                                                                                                                          |
| 412232     | -       | -   | -       | *   | *   | Arm Cover (Top) Oil Pipe                                                                                                                                                                            |
| 412240     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever Complete 411108, 412208, 543805-008, 544211-051                                                                                                       |
| 500280     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever Cap Screw                                                                                                                                             |
| 502603     | -       | -   | -       | *   | *   | Arm Cover (Top) Oil Pipe Wick                                                                                                                                                                       |
| 502832     | *       | *   | *       | *   | *   | Arm Cover (Top) Plug                                                                                                                                                                                |
| 504029     | *       | *   | *       | *   | *   | Bobbin Winder Driving Wheel Set Screw (2)                                                                                                                                                           |
| 508553     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Spring Shackle                                                                                                                                                         |
| 508554     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Link Stud                                                                                                                                                              |
| 508555     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Snap Ring                                                                                                                                                              |
| 508557     | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Spring                                                                                                                                                                 |
| 541170     | *       | *   | *       | *   | *   | Bobbin Winder Tension Nut                                                                                                                                                                           |
| 541186     | *       | *   | *       | *   | *   | Thread Guide (Arm Top Cover) Lock Nut                                                                                                                                                               |
| 541186     | *       | *   | *       | *   | *   | Bobbin Winder Tension Lock Nut                                                                                                                                                                      |
| 543801-006 | -       | -   | -       | *   | *   | Presser Bar Lifting Regulating Stud Retaining Washer                                                                                                                                                |
| 543805-008 | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever Screw Washer                                                                                                                                          |
| 543831-001 | *       | *   | *       | *   | *   | Bobbin Winder Bushing (Ecc.) Rocking Lever Stop Pin                                                                                                                                                 |
| 543832-001 | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Coil Spring Stud                                                                                                                                                 |
| 544211-051 | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever Screw                                                                                                                                                 |
| 544281     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Thread Guard Screw (2)                                                                                                                                           |
| 544336     | *       | *   | *       | *   | *   | Arm Cover (Top) Screw (6)                                                                                                                                                                           |
| 547246     | *       | *   | *       | *   | *   | Bobbin Winder Tension Spring                                                                                                                                                                        |
| 547247     | *       | *   | *       | *   | *   | Bobbin Winder Tension Disc (2)                                                                                                                                                                      |
| 547412     | *       | *   | *       | *   | *   | Bobbin Winder Shaft Bushing (Ecc.) Link Lock Washer (2)                                                                                                                                             |

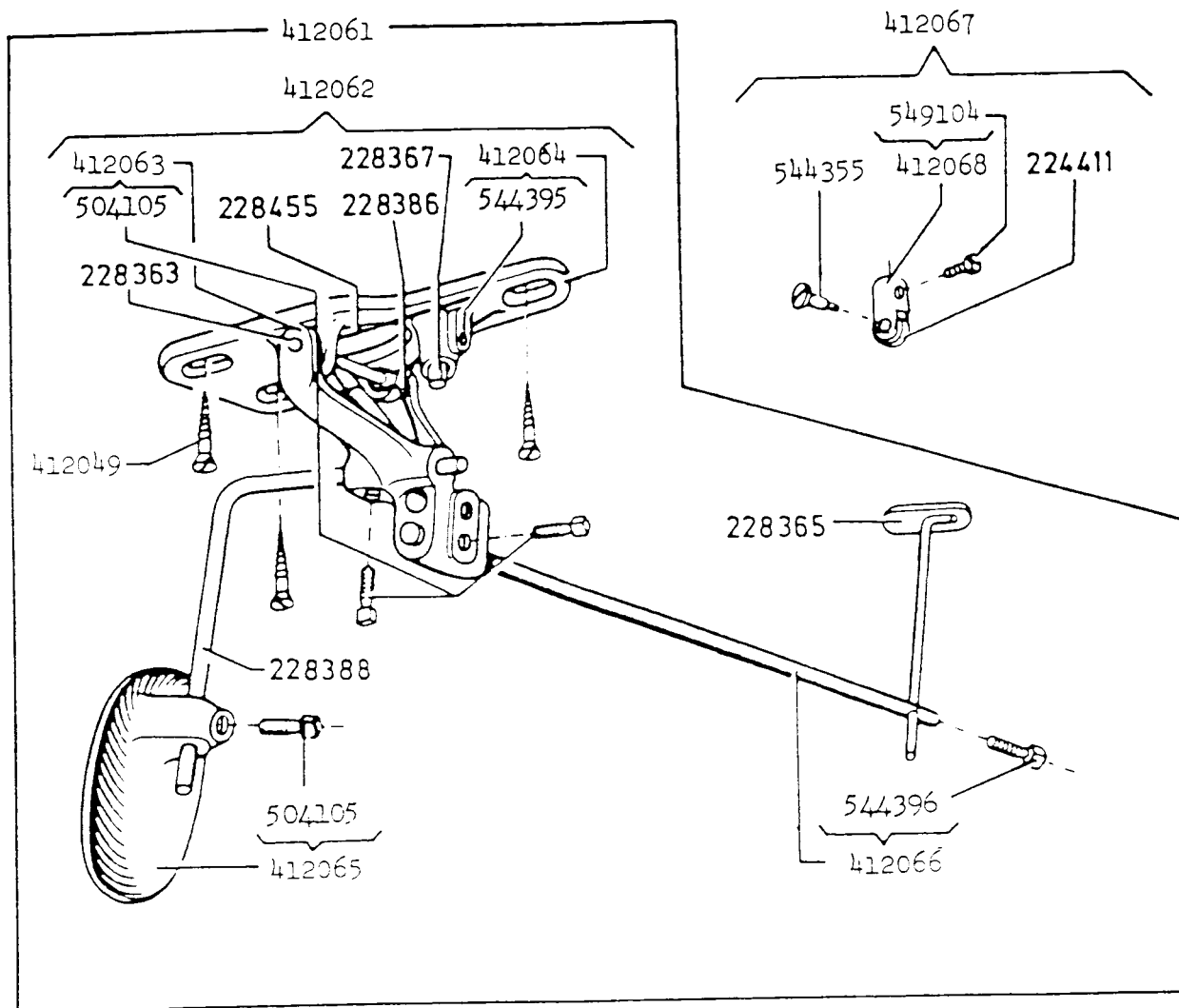


| No.    | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                           |
|--------|------------------------------------------------|-------------------------------------------------------|
| 202254 | * * * * *                                      | Bed Oil Wick (5)                                      |
| 243744 | * * * * *                                      | Bed Oil Stop Screw Gasket (3)                         |
| 244715 | - - * * * *                                    | Hook Driving Shaft Bushing (Left)                     |
| 244730 | * * * * *                                      | Feed Driving Rock Shaft Bushing (Center and Back) (2) |
| 263093 | * * * * *                                      | Bed Oil Wick                                          |
| 267033 | * * * * *                                      | Feed Driving Eccentric Connection Friction Washer     |
| 350366 | * * * * *                                      | Bed Oil Stop Screw (3)                                |
| 350440 | * * * * *                                      | Bed Oil Screw                                         |
| 412058 | * - * * * *                                    | Arm Cover (Side)                                      |
| 412059 | - - - * * *                                    | Face Plate Complete 412060, 508283                    |
| 412060 | - - - * * *                                    | Face Plate Body                                       |
| 412092 | - - * * * *                                    | Hook Driving Shaft Bushing (Center)                   |
| 504019 | * * * * *                                      | Arm Cover (Side) Screw (2)                            |
| 508283 | * - - * * *                                    | Face Plate Plug                                       |
| 508304 | * * * * *                                      | Feed Driving Rock Shaft Bushing (Front)               |
| 512096 | - - - * * *                                    | Face Plate Hinge Screw Spring Washer                  |
| 544339 | - - - * * *                                    | Face Plate Hinge Screw                                |
| 544347 | * * * * *                                      | Feed Driving Eccentric Connection Friction Washer     |
|        |                                                | Screw (3)                                             |
| 544360 | - - - * * *                                    | Face Plate Clamping Screw                             |

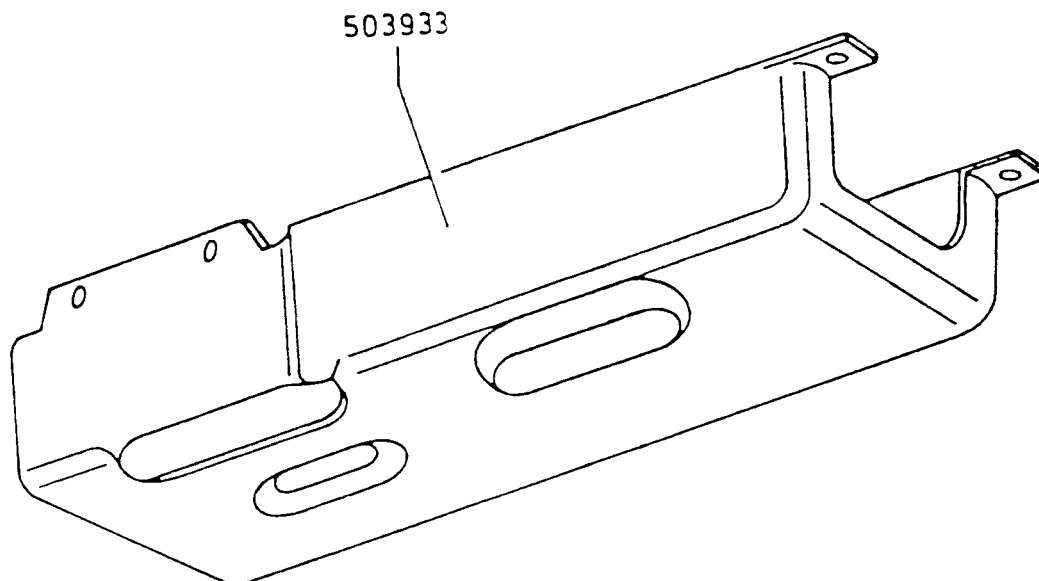




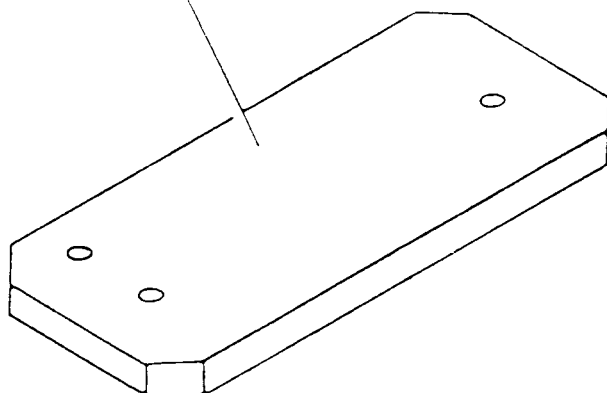
| No.        | 212U141<br>442<br>211U157<br>165<br>166<br>566 | Description                                                                                                |
|------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 411125     | * * * * *                                      | Thread Unwinder Foot With 504029                                                                           |
| 411127     | * * * * *                                      | Thread Unwinder Rod (2)                                                                                    |
| 411129     | * * * * *                                      | Thread Unwinder Rod Connection Complete 411130, 541183,<br>544218-056                                      |
| 411130     | * * * * *                                      | Thread Unwinder Rod Connection (2)                                                                         |
| 411133     | * * * * *                                      | Thread Unwinder Rod Cap                                                                                    |
| 411134     | * * * * *                                      | Thread Unwinder Spool (3)                                                                                  |
| 411138     | * * * * *                                      | Thread Unwinder Spool Carrier Plate (3)                                                                    |
| 411139     | * * * * *                                      | Thread Unwinder Spool Cushion (3)                                                                          |
| 411143     | * * * * *                                      | Thread Unwinder Thread Guide Bushing (3)                                                                   |
| 4112069    | * * * * *                                      | Thread Unwinder Complete 411125, 411127, 411129, 411133,<br>411138, 411139, 412070, 412071, 544112, 546893 |
| 412070     | * * * * *                                      | Thread Unwinder Spool Carrier Arm With 541166-001,<br>543805-004, 544278-061                               |
| 412071     | * * * * *                                      | Thread Unwinder Thread Guide With 411143, 541166-001,<br>543805-004, 544278-061                            |
| 412198     | * * * * *                                      | Thread Unwinder Spool Carrier Arm Holder Plate                                                             |
| 504029     | * * * * *                                      | Thread Unwinder Rod Set Screw (2)                                                                          |
| 541166-001 | * * * * *                                      | Thread Unwinder Spool Nut (3)                                                                              |
| 541166-001 | * * * * *                                      | Thread Unwinder Spool Carrier Arm Screw Nut                                                                |
| 541166-001 | * * * * *                                      | Thread Unwinder Thread Guide Nut                                                                           |
| 541183     | * * * * *                                      | Thread Unwinder Rod Connection Screw Nut (2)                                                               |
| 543803-004 | * * * * *                                      | Thread Unwinder Spool Washer (3)                                                                           |
| 543805-004 | * * * * *                                      | Thread Unwinder Spool Spring Washer (3)                                                                    |
| 543805-004 | * * * * *                                      | Thread Unwinder Spool Carrier Arm Screw Spring Washer                                                      |
| 543805-004 | * * * * *                                      | Thread Unwinder Thread Guide Spring Washer (3)                                                             |
| 544112     | * * * * *                                      | Thread Unwinder Wood Screw (3)                                                                             |
| 544112     | * * * * *                                      | Thread Unwinder Spool Carrier Arm Holder Plate Wood<br>Screw                                               |
| 544218-056 | * * * * *                                      | Thread Unwinder Rod Connection Screw (2)                                                                   |
| 544278-061 | * * * * *                                      | Thread Unwinder Spool Carrier Arm Screw                                                                    |
| 544278-061 | * * * * *                                      | Thread Unwinder Thread Guide Screw                                                                         |
| 546893     | * * * * *                                      | Thread Unwinder Spool Holder (3)                                                                           |



| No.    | 2120141<br>442<br>2110157<br>165<br>166<br>566 | Description                                                                               |
|--------|------------------------------------------------|-------------------------------------------------------------------------------------------|
| 224411 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Roller                                           |
| 228363 | * * * * *                                      | Knee Lifter Rock Lever Hinge Pin                                                          |
| 228365 | * * * * *                                      | Knee Lifter Rock Lever Rod                                                                |
| 228367 | * * * * *                                      | Knee Lifter Rock Lever Stop Stud                                                          |
| 228386 | * * * * *                                      | Knee Lifter Rock Lever Spring                                                             |
| 228388 | * * * * *                                      | Knee Lifter Rock Lever Knee Plate Arm                                                     |
| 228455 | * * * * *                                      | Knee Lifter Rock Lever Position Spring                                                    |
| 412049 | * * * * *                                      | Wood Screw (7/8 Inch, No. 12) (3)                                                         |
| 412061 | * * * * *                                      | Knee Lifter Rock Lever Complete 228365, 228388,<br>412049 (3), 412062, 412065, 412066     |
| 412062 | * * * * *                                      | Knee Lifter Rock Lever Bracket Complete 228363, 228367,<br>228386, 228455, 412063, 412064 |
| 412063 | * * * * *                                      | Knee Lifter Rock Lever With 504105 (2)                                                    |
| 412064 | * * * * *                                      | Knee Lifter Rock Lever Bracket With 544395                                                |
| 412065 | * * * * *                                      | Knee Lifter Rock Lever Knee Plate With 504105                                             |
| 412066 | * * * * *                                      | Knee Lifter Rock Lever Extension With 544396                                              |
| 412067 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Roller Complete<br>224411, 412063, 544355        |
| 412068 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Roller Bracket<br>With 549104                    |
| 504105 | * * * * *                                      | Knee Lifter Rock Lever Extension Set Screw                                                |
| 504105 | * * * * *                                      | Knee Lifter Rock Lever Knee Plate Arm Set Screw                                           |
| 504105 | * * * * *                                      | Knee Lifter Rock Lever Knee Plate Set Screw                                               |
| 544355 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Roller Hinge<br>Screw                            |
| 544395 | * * * * *                                      | Knee Lifter Rock Lever Stop Stud Set Screw                                                |
| 544396 | * * * * *                                      | Knee Lifter Rock Lever Rod Set Screw                                                      |
| 549104 | * * * * *                                      | Knee Lifter Connection Lever Lifting Rod Roller Pinch<br>Screw                            |



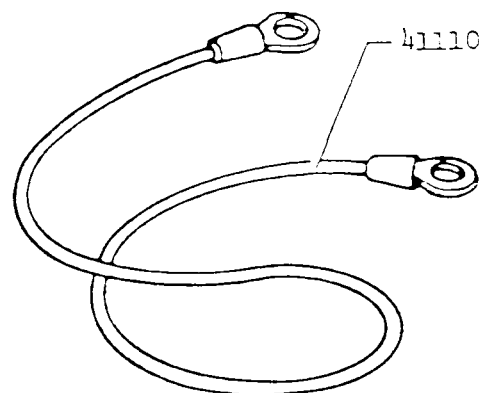
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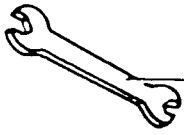
511606



543805-003



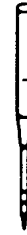
| No.                                                | 2120141<br>442<br>2110157<br>165<br>166<br>566                    | Description                                                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 411109<br>503929<br>503933<br>511606<br>543805-003 | * - * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* - * * * * | Machine Grounding Wire<br>Knee Lifter Base<br>Drip Pan<br>Knee Lifter Base Wood Screw (3)<br>Machine Grounding Wire Lock Washer |



412170



510007



3355-22



545926



545295



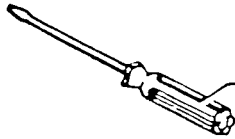
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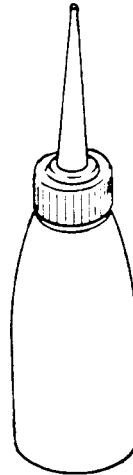
544361



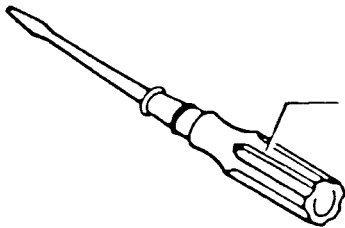
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541514



546923



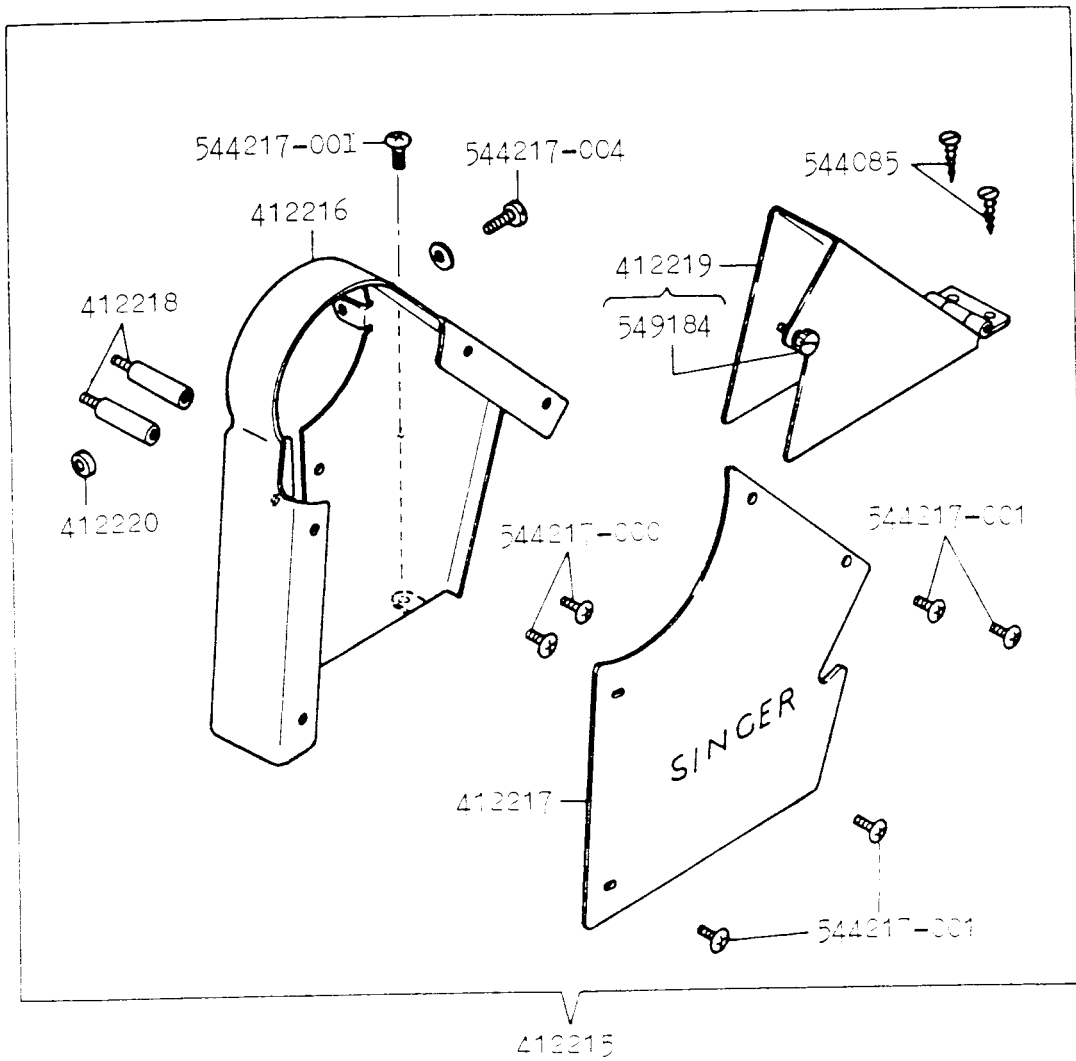
548701



41400

| No.                                                                                                                  | 212U141<br>442<br>211U157<br>165<br>166<br>566                                                                                                             | Description                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3355-22<br>41400<br>350708<br>412170<br>503646<br>510007<br>541514<br>544361<br>545295<br>545926<br>546923<br>548701 | - - - * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>- - - - *<br>* * * * *<br>- - * * *<br>* * * * *<br>- - * * *<br>- - - * *<br>* * * * * | Needle (5)<br>Machine Rest Pin (wood)<br>Drip Pan Screw Nail (7)<br>Wrench<br>Wrench (3/32 inch, hexagon)<br>Bobbin (2)<br>Screw Driver<br>Bed Slide Thumb Screw<br>Attachment Screw<br>Hinge Connection (2)<br>Oiler (130CC, A Type)<br>Screw Driver |

## OPTIONAL PARTS





| No.                                                                                                                    | 212U141<br>442<br>211U157<br>165<br>166<br>566                                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 412215<br>412216<br>412217<br>412218<br>412219<br>412220<br>544085<br>544217-001<br>544217-001<br>544217-004<br>549184 | * * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * *<br>* * * * * | <u>OPTION:</u><br>Belt Guard Cpl. 412216, 412217, 412218 (2), 412219,<br>412220, 544085 (2), 544217-001 (7), 544217-004<br>Belt Guard<br>Belt Guard Plate<br>Belt Guard Screw Stud (2)<br>Belt Guard (lower) with 549184<br>Belt Guard Screw Collar<br>Belt Guard (lower) Wood Screw (2)<br>Belt Guard Screw (3)<br>Belt Guard Plate Screw (4)<br>Belt Guard Screw (long)<br>Belt Guard (lower) Thumb Screw |

Form U 3223 (681)  
Part No. 543230-002  
Printed in Japan