

# **ILLUSTRATED PARTSLIST**

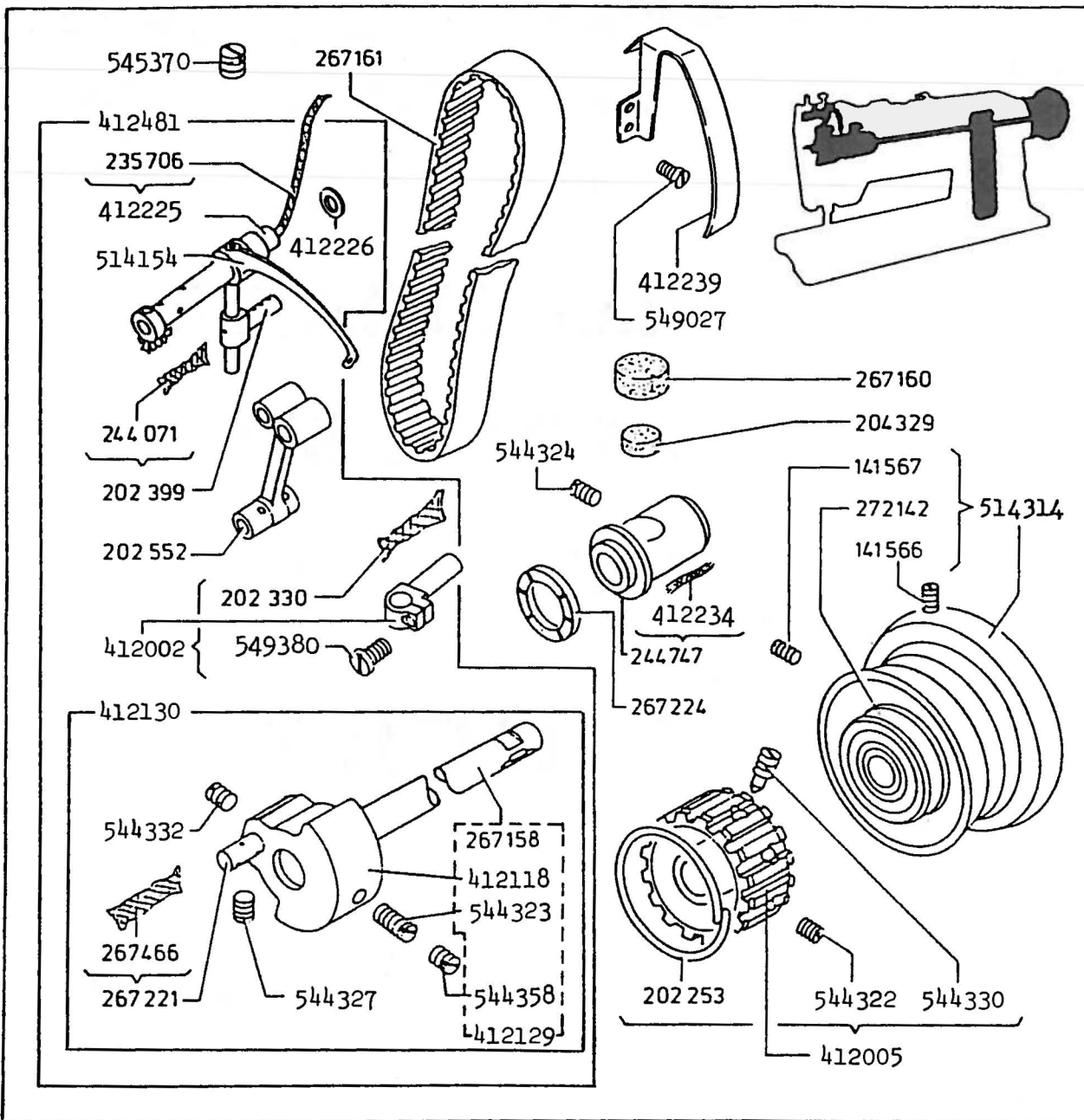
**FOR**

# **SINGER\***

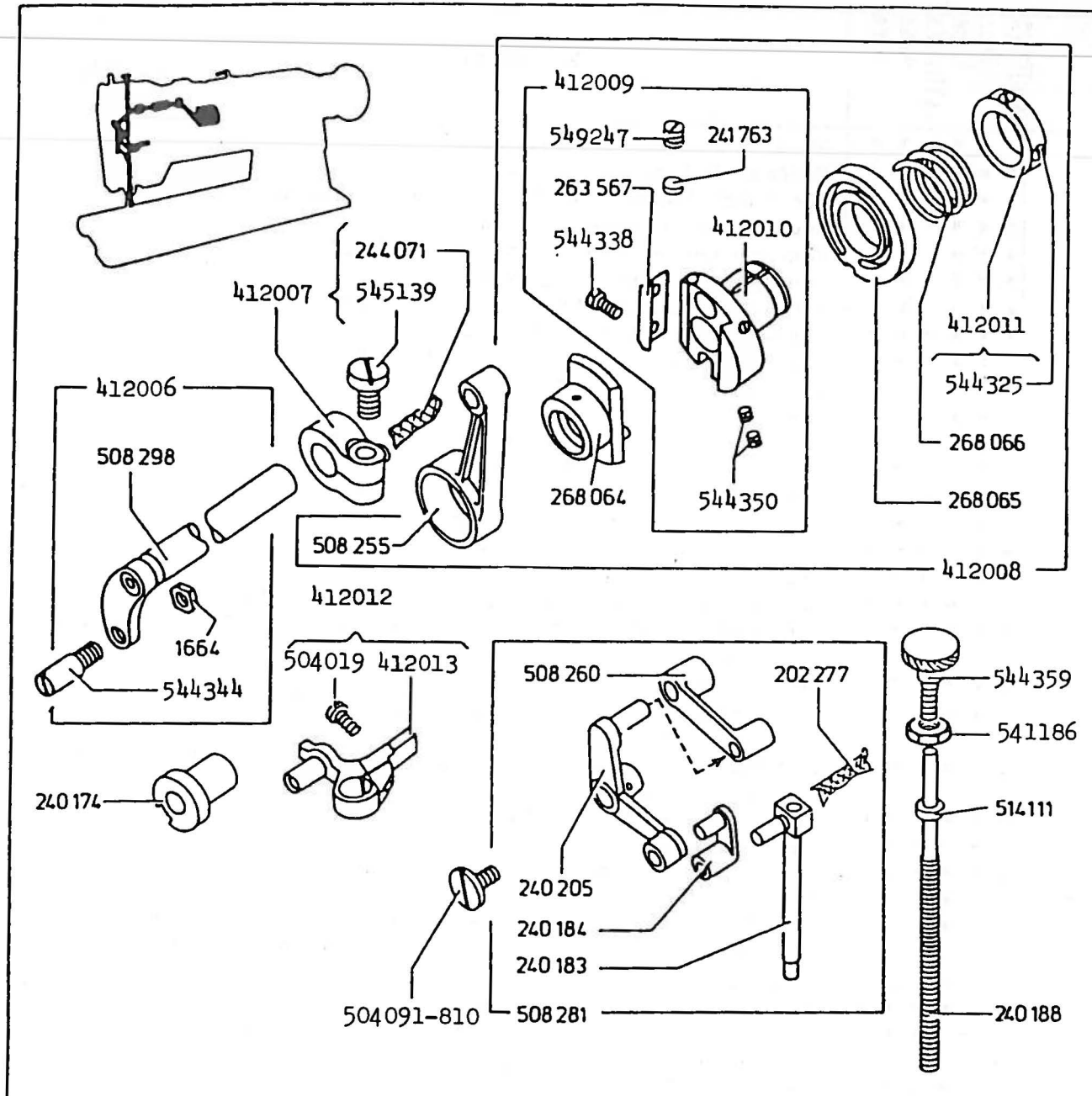
**MACHINE**

## **212U539A**

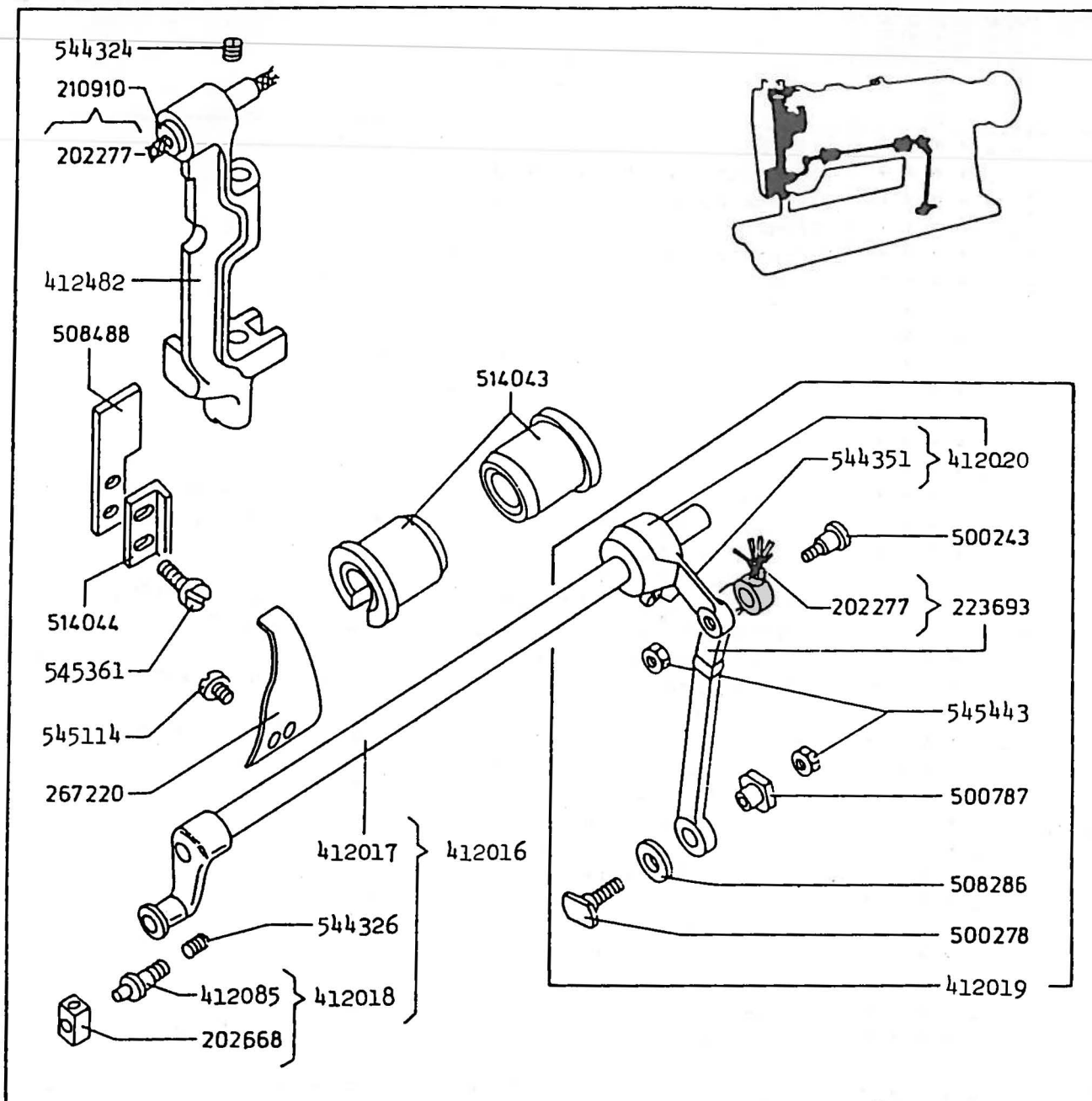
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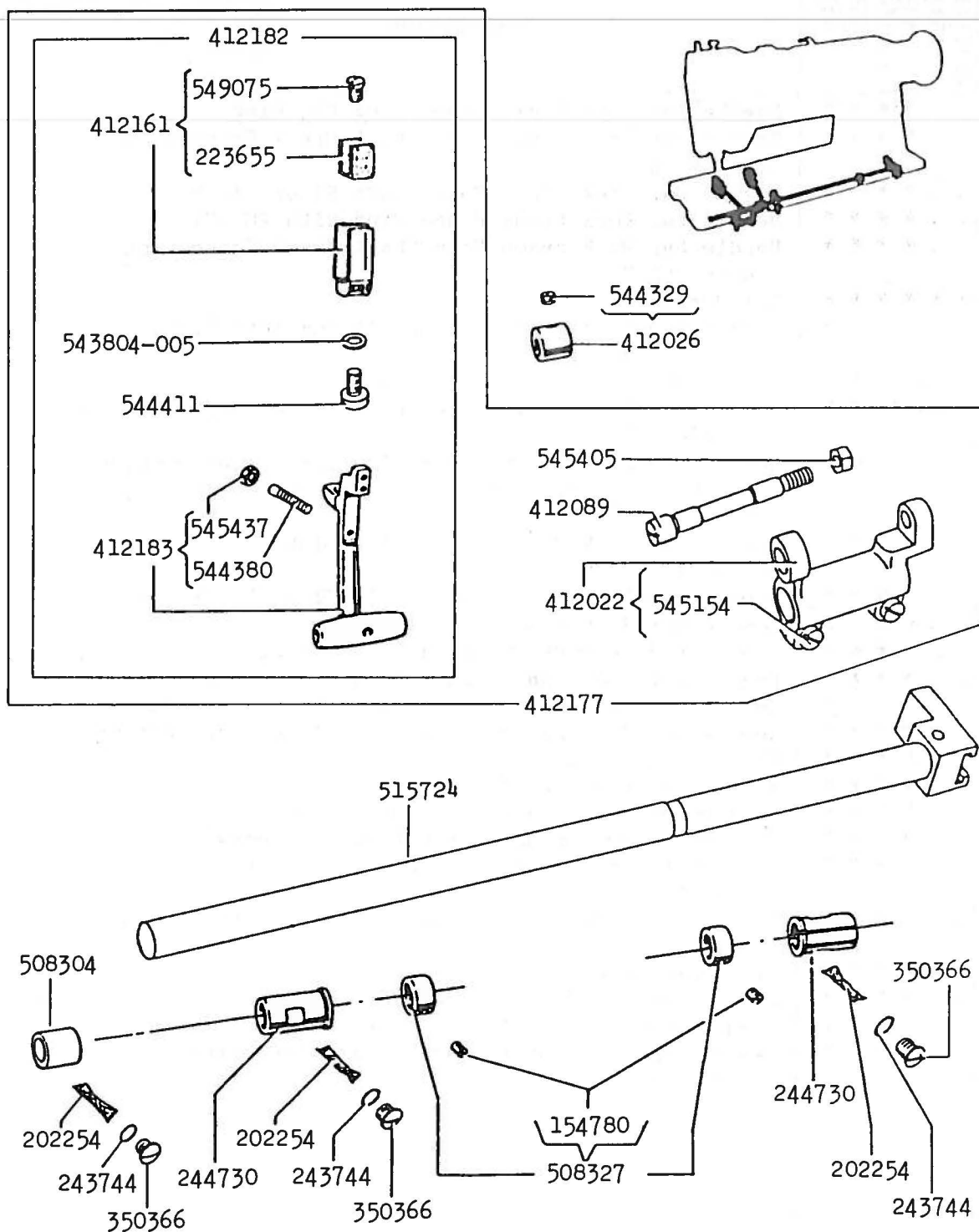
| No.    | 212U<br>541A<br>539A<br>211U<br>566A<br>567A | Description                                                                                                |
|--------|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 141566 | * * * * *                                    | Machine Pulley Position Screw                                                                              |
| 141567 | * * * * *                                    | Machine Pulley Set Screw                                                                                   |
| 202253 | * * * * *                                    | Arm Shaft Connecting Belt Pulley Spring Flange (2)                                                         |
| 202330 | * * * * *                                    | Needle Bar Connecting Stud Wick                                                                            |
| 202399 | * * * * *                                    | Take-up Lever Driving Stud with 244071                                                                     |
| 202552 | * * * * *                                    | Needle Bar Connecting Link                                                                                 |
| 204329 | * * * * *                                    | Arm Shaft Bushing (front) Oil Pad (felt) (lower)                                                           |
| 235706 | * * * * *                                    | Take-up Lever Hinge Stud Oil Wick                                                                          |
| 244071 | * * * * *                                    | Take-up Lever Driving Stud Oil Wick                                                                        |
| 244747 | * * * * *                                    | Arm Shaft Bushing (front) with 412234                                                                      |
| 267158 | * * * * *                                    | Arm Shaft                                                                                                  |
| 267160 | * * * * *                                    | Arm Shaft Bushing (front) Oil Pad (felt) (upper)                                                           |
| 267161 | * * * * *                                    | Arm Shaft Connecting Belt                                                                                  |
| 267221 | * * * * *                                    | Needle Bar Connecting Link Stud with 267466                                                                |
| 267224 | * * * * *                                    | Needle Bar Crank Friction Washer                                                                           |
| 267466 | * * * * *                                    | Needle Bar Connecting Link Stud Wick                                                                       |
| 272142 | * * * * *                                    | Machine Pulley Ball Bearing (back)                                                                         |
| 412002 | - - * * *                                    | Needle Bar Connecting Stud with 202330, 549380                                                             |
| 412005 | * * * * *                                    | Arm Shaft Connecting Belt Pulley with 202253 (2), 544322, 544330                                           |
| 412118 | - * * - * *                                  | Needle Bar Crank                                                                                           |
| 412129 | - * * - * *                                  | Arm Shaft, Needle Bar Crank complete 267158, 412118, 544323, 544358                                        |
| 412130 | - * * - * *                                  | Arm Shaft, Needle Bar Crank, Needle Bar Connecting Link Stud complete 267221, 412129, 544327, 544332       |
| 412225 | * * * * *                                    | Take-up Lever Hinge Stud with 235706                                                                       |
| 412226 | * * * * *                                    | Take-up Lever Hinge Stud Wearing Washer                                                                    |
| 412234 | * * * * *                                    | Arm Shaft Bushing (front) Oil Wick                                                                         |
| 412239 | * * * * *                                    | Take-up Lever Guard                                                                                        |
| 412481 | - - * - - -                                  | Arm Shaft, Needle Bar Crank, Take-up Lever complete 202399, 202552, 412002, 412130, 412225, 412226, 514154 |
| 514154 | - * * - - -                                  | Take-up Lever                                                                                              |
| 514314 | - - * * *                                    | Machine Pulley with 141566, 141567, 272142                                                                 |
| 544322 | * * * * *                                    | Arm Shaft Connecting Belt Pulley Set Screw                                                                 |
| 544323 | * * * * *                                    | Needle Bar Crank Position Screw                                                                            |
| 544324 | * * * * *                                    | Arm Shaft Bushing (front) Set Screw                                                                        |
| 544327 | * * * * *                                    | Needle Bar Connecting Link Stud Set Screw                                                                  |
| 544330 | * * * * *                                    | Arm Shaft Connecting Belt Pulley Position Screw                                                            |
| 544332 | * * * * *                                    | Needle Bar Connecting Link Stud Set Screw                                                                  |
| 544358 | * * * * *                                    | Needle Bar Crank Check Screw                                                                               |
| 545370 | * * * * *                                    | Take-up Lever Hinge Stud Set Screw                                                                         |
| 549027 | * * * * *                                    | Take-up Lever Guard Screw (3)                                                                              |
| 549380 | * * * * *                                    | Needle Bar Connecting Stud Pinch Screw                                                                     |



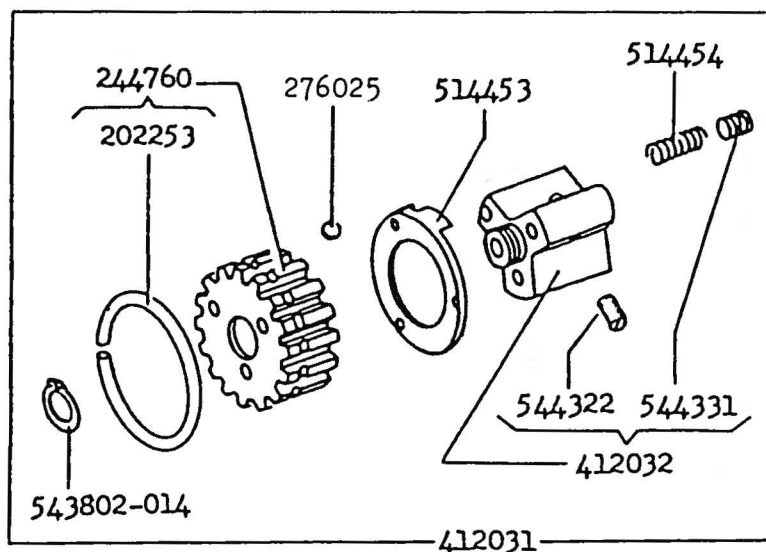
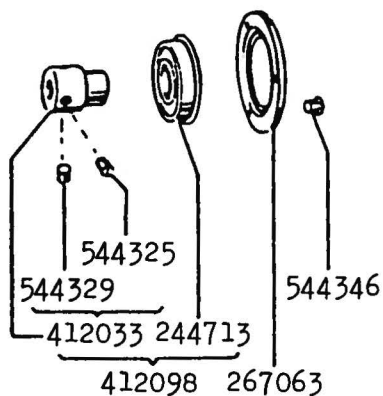
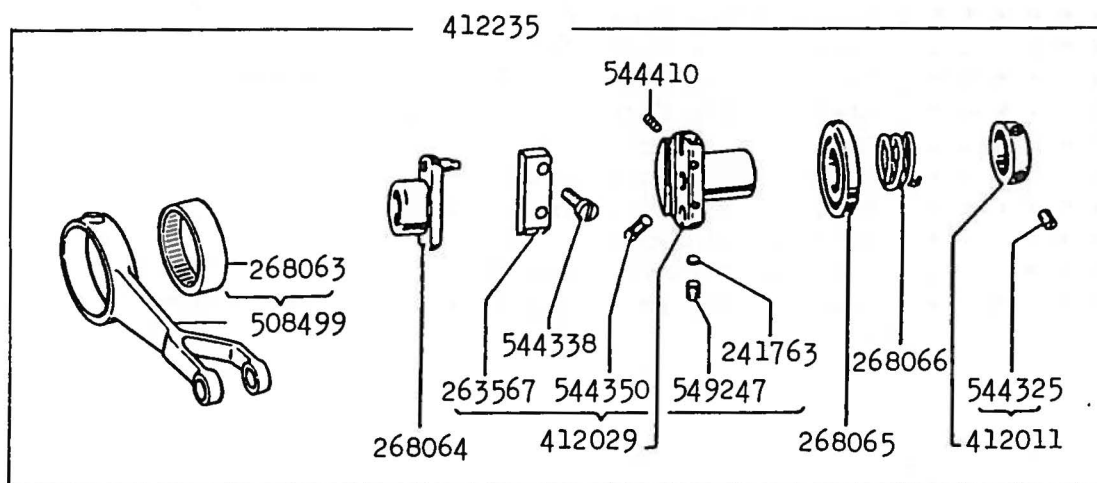
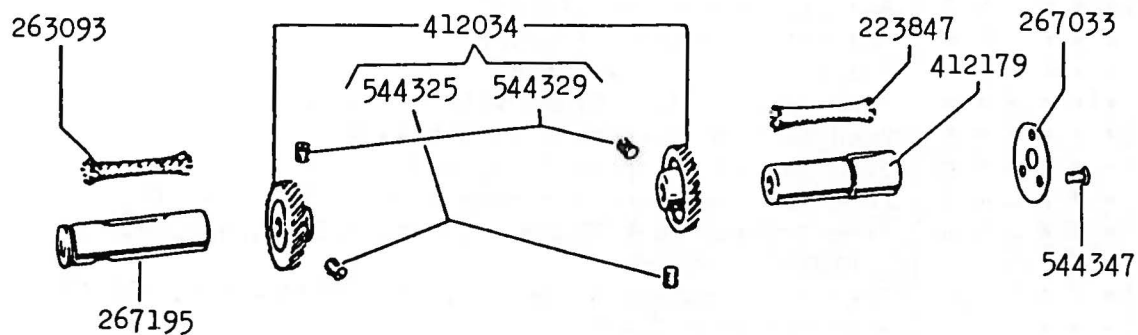
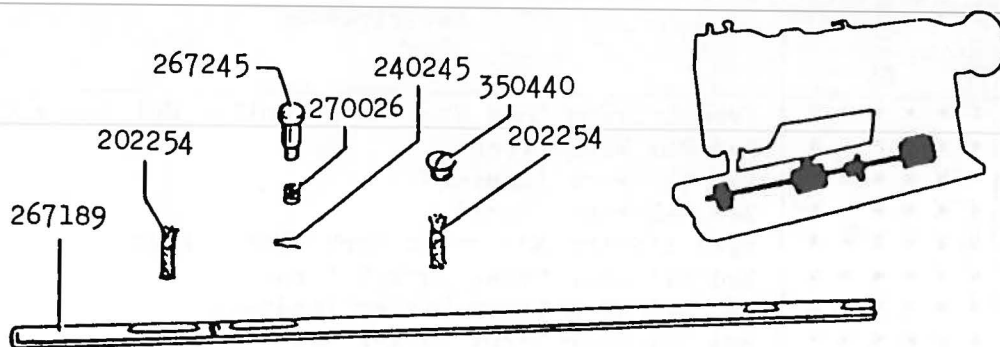
| No.        |          |      |      |          |      | Description                                                                                          |
|------------|----------|------|------|----------|------|------------------------------------------------------------------------------------------------------|
|            | 212U141A | 541A | 539A | 211U166A | 566A |                                                                                                      |
| 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 544325 (2)                                       |
| 412012     | -        | -    | *    | *        | *    | Presser Bar Lifting Bracket complete 412013, 504019                                                  |
| 412013     | -        | -    | *    | *        | *    | Presser Bar Lifting Bracket                                                                          |
| 504019     | -        | -    | *    | *        | *    | 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                                                                      |
| 541186     | -        | -    | *    | *        | *    | 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                                                       |
| 549247     | -        | -    | *    | *        | *    | Lifting Eccentric Friction Plate Screw Set Screw (2)                                                 |



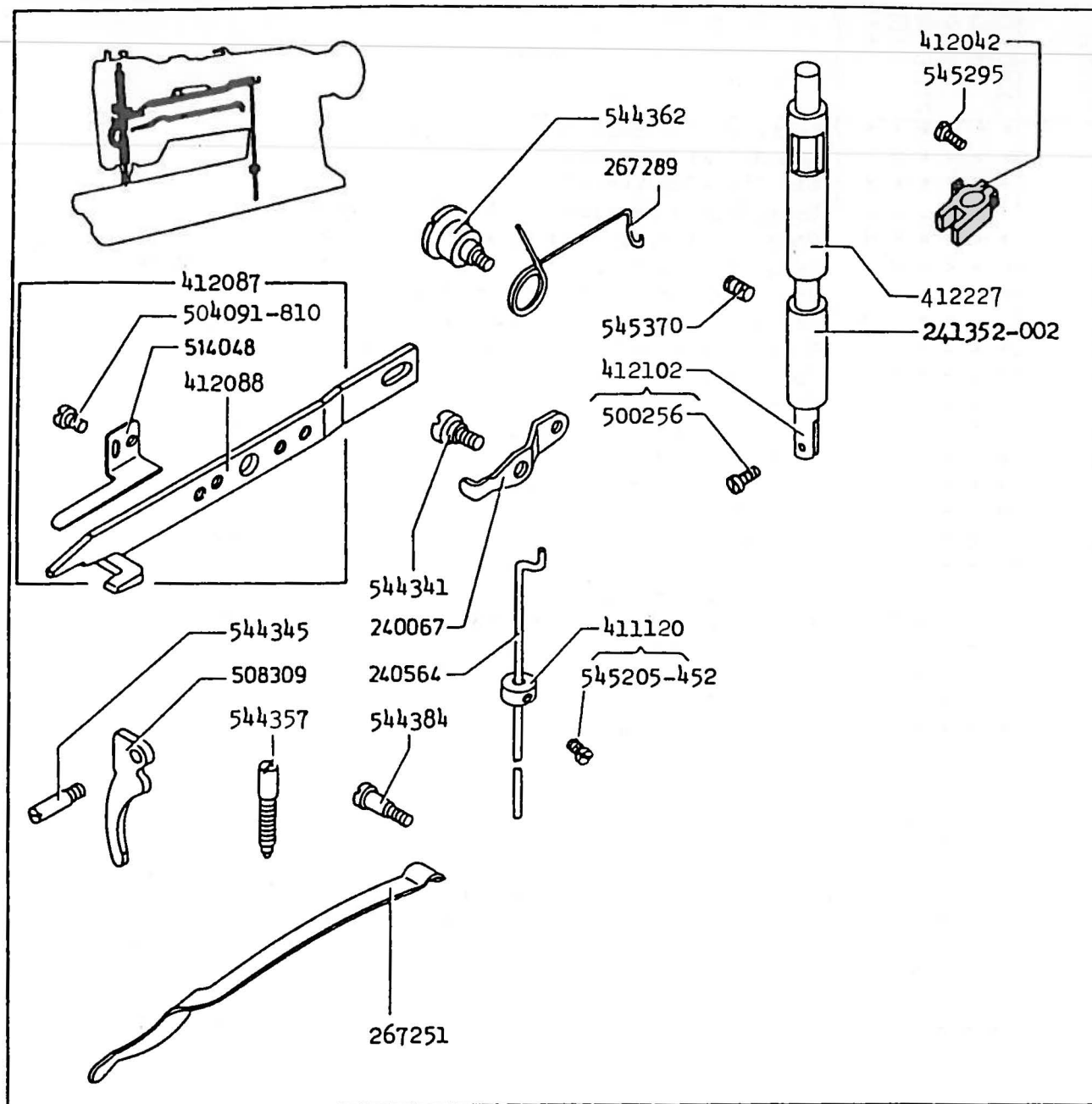
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|--------|------|-----|------|------|------|------|-----------------------------------------------------------------------------------------------------------------------|
|        | 212U | 41A | 541A | 539A | 211U | 566A |                                                                                                                       |
| 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                                                      |
| 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, 412085                                               |
| 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                                                                     |
| 412482 | -    | -   | *    | -    | -    | -    | Needle Bar Rock Frame                                                                                                 |
| 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                                                                                |
| 544324 | -    | -   | *    | *    | *    | *    | Needle Bar Rock Frame Hinge Stud Set Screw                                                                            |
| 544326 | -    | -   | *    | *    | *    | *    | Needle Bar Rock Frame Rock Shaft Slide Block<br>Stud Set Screw                                                        |
| 544351 | -    | -   | *    | *    | *    | *    | Needle Bar Rock Shaft Connection Link Crank Pinch<br>Screw                                                            |
| 545114 | *    | *   | *    | *    | *    | *    | Oil Guard Screw (2)                                                                                                   |
| 545361 | -    | -   | *    | *    | *    | *    | Presser Bar Guide Screw (2)                                                                                           |
| 545443 | -    | -   | *    | *    | *    | *    | Needle Bar Rock Shaft Crank Hinge Screw                                                                               |
| 545443 | -    | -   | *    | *    | *    | *    | Needle Bar Rock Shaft Crank Link Slide Screw<br>Lock Nut                                                              |



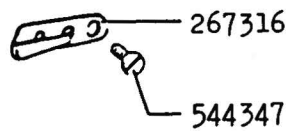
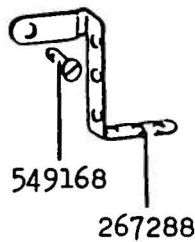
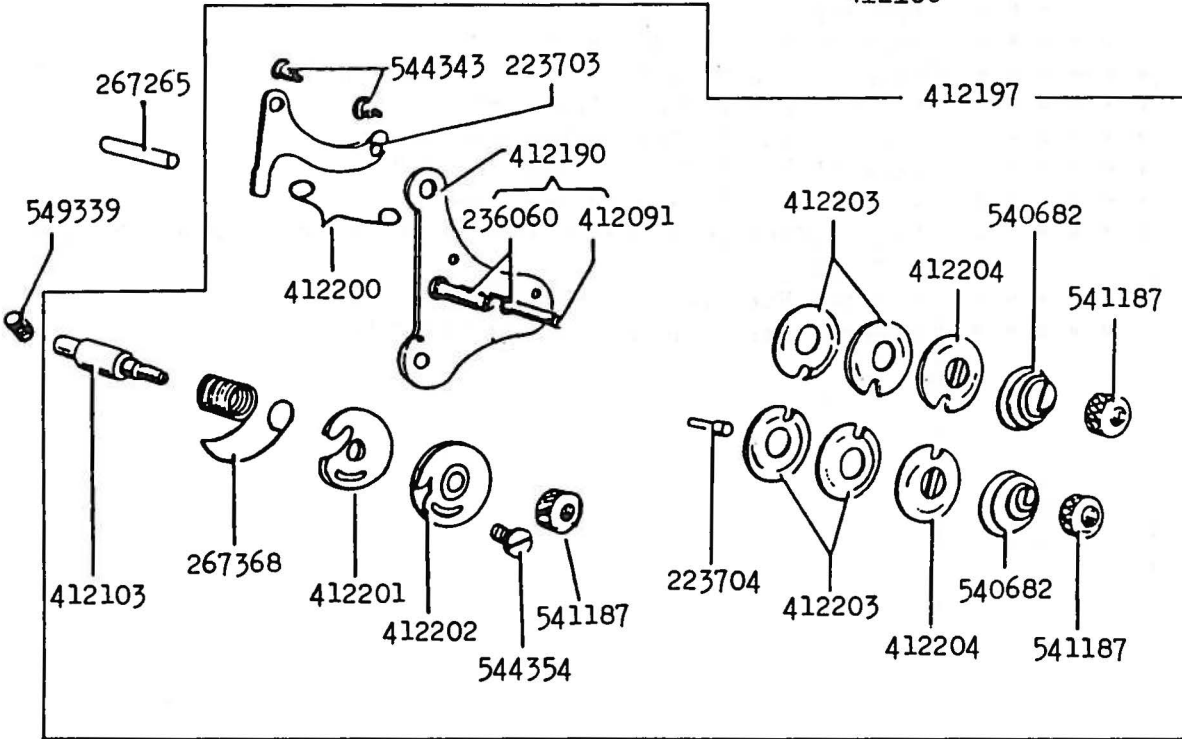
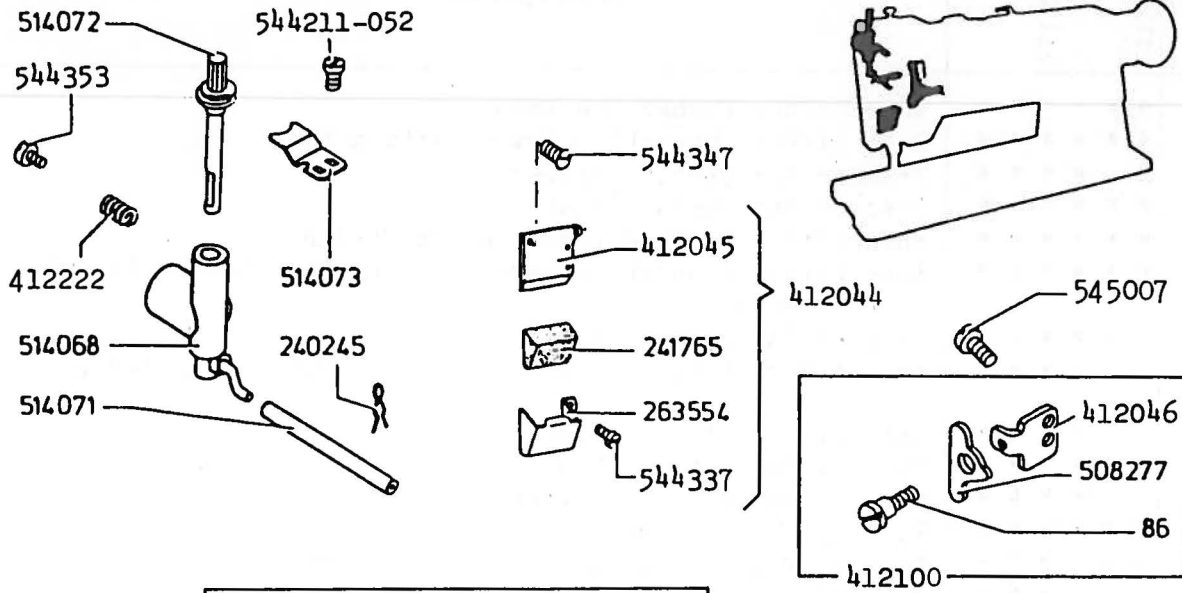
| No.        |          |      |      |          |      | Description                                                     |
|------------|----------|------|------|----------|------|-----------------------------------------------------------------|
|            | 212U141A | 541A | 539A | 211U166A | 566A |                                                                 |
| 154780     | *        | *    | *    | *        | *    | Feed Driving Rock Shaft Stop Collar Set Screw (4)               |
| 202254     | *        | *    | *    | *        | *    | Bed Oil Wick (front)                                            |
| 202254     | *        | *    | *    | *        | *    | Bed Oil Wick (center)                                           |
| 202254     | *        | *    | *    | *        | *    | Bed Oil Wick (back)                                             |
| 223655     | *        | *    | *    | *        | *    | Feed Lifting Eccentric Fork Oiling Felt                         |
| 243744     | *        | *    | *    | *        | *    | Bed Oil Stop Screw Gasket (front)                               |
| 243744     | *        | *    | *    | *        | *    | Bed Oil Stop Screw Gasket (center)                              |
| 243744     | *        | *    | *    | *        | *    | Bed Oil Stop Screw Gasket (back)                                |
| 244730     | *        | *    | *    | *        | *    | Feed Driving Rock Shaft Bushing (center)                        |
| 244730     | *        | *    | *    | *        | *    | Feed Driving Rock Shaft Bushing (back)                          |
| 350366     | *        | *    | *    | *        | *    | Bed Oil Stop Screw (front)                                      |
| 350366     | *        | *    | *    | *        | *    | Bed Oil Stop Screw (center)                                     |
| 350366     | *        | *    | *    | *        | *    | Bed Oil Stop Screw (back)                                       |
| 412022     | *        | *    | *    | *        | *    | Feed Driving Rock Frame with 545154 (2)                         |
| 412026     | *        | *    | *    | *        | *    | Feed Lifting Eccentric with 544329                              |
| 412089     | *        | *    | *    | *        | *    | Feed Bar Hinge Screw (driving)                                  |
| 412161     | *        | *    | *    | -        | -    | Feed Lifting Eccentric Fork with 223655, 549075                 |
| 412177     | *        | *    | *    | -        | -    | Feed Driving Rock Frame complete 412022, 412089, 412182, 545405 |
| 412182     | *        | *    | *    | -        | -    | Feed Bar complete 412161, 412183, 543804-005, 544411            |
| 412183     | *        | *    | *    | -        | -    | Feed Bar with 544380, 545437                                    |
| 508304     | *        | *    | *    | *        | *    | Feed Driving Rock Shaft Bushing (front)                         |
| 508327     | *        | *    | *    | *        | *    | Feed Driving Rock Shaft Stop Collar (2) with 154780 (2)         |
| 515724     | *        | *    | *    | -        | -    | Feed Driving Rock Shaft                                         |
| 543804-005 | *        | *    | *    | *        | *    | Feed Lifting Eccentric Fork Screw Washer                        |
| 544329     | *        | *    | *    | *        | *    | Feed Lifting Eccentric Set Screw                                |
| 544380     | *        | *    | *    | -        | -    | Feed Dog Support Screw                                          |
| 544411     | *        | *    | *    | *        | *    | Feed Lifting Fork Screw                                         |
| 545154     | *        | *    | *    | *        | *    | Feed Driving Rock Frame Pinch Screw (2)                         |
| 545405     | *        | *    | *    | *        | *    | Feed Bar Hinge Screw Nut                                        |
| 545437     | *        | *    | *    | -        | -    | Feed Dog Support Screw Nut                                      |
| 549075     | *        | *    | *    | *        | *    | Feed Lifting Eccentric Fork Oiling Felt Screw                   |



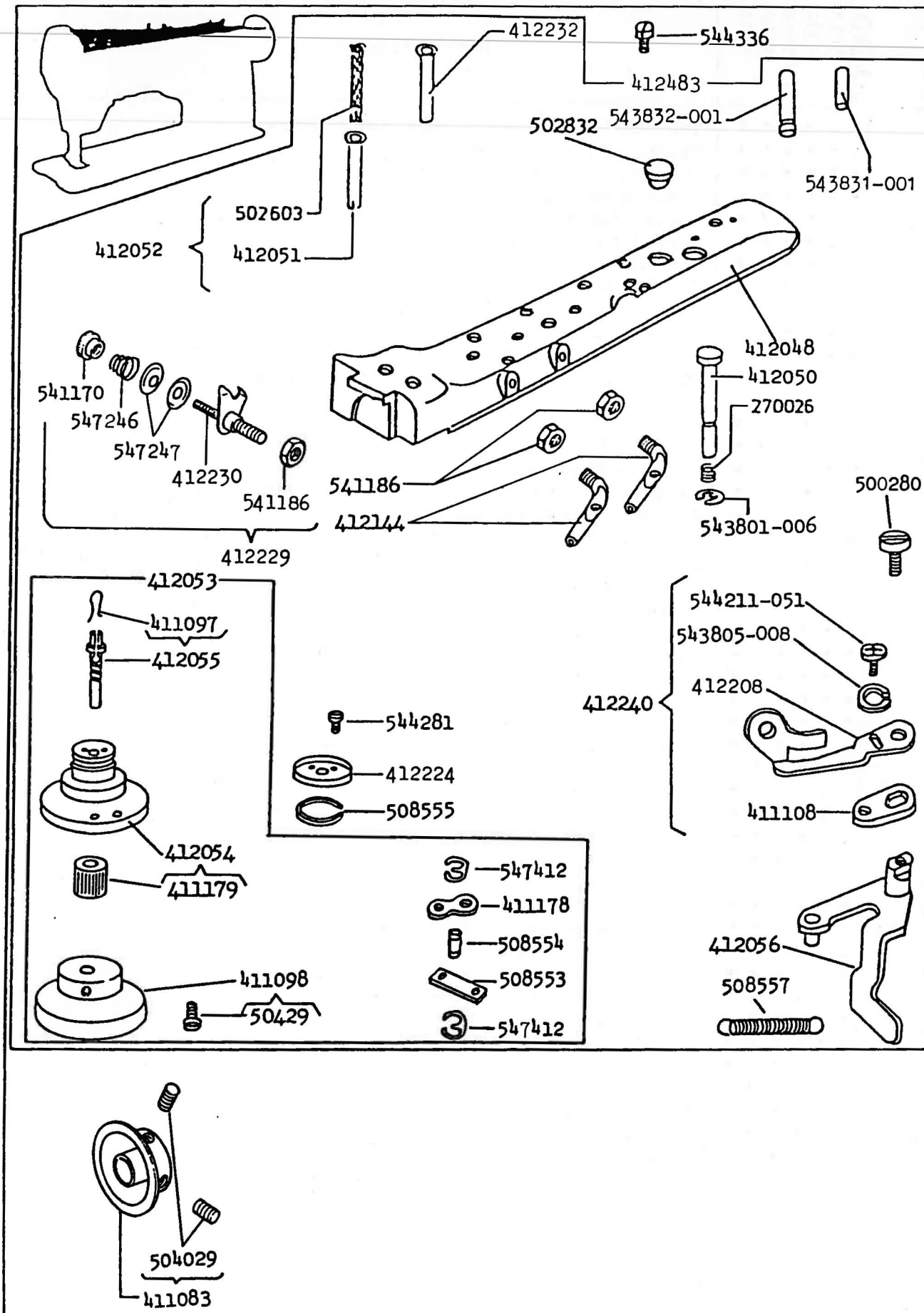
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|------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| 202253     | * * * * *                                            | Safty Clutch Belt Pulley Spring                                                        |
| 202254     | * * * * *                                            | Bed Oil Wick (front)                                                                   |
| 202254     | * * * * *                                            | Bed Oil Wick (back)                                                                    |
| 223847     | * * * - -                                            | Hook Saddle Bearing (right) Oil Packing (wick)                                         |
| 240245     | * * * * *                                            | Feed Regulating Stud Retaining Spring                                                  |
| 241763     | * * * * *                                            | Feed Driving Eccentric Plate Screw Set Screw Packing (brass) (2)                       |
| 244713     | * * * * *                                            | Hook Driving Shaft Ball Bearing                                                        |
| 244760     | - - * * *                                            | Safty Clutch Belt Pulley with 202253                                                   |
| 263093     | * * * * *                                            | Hook Saddle Bearing (left) Oil Packing (wick)                                          |
| 263567     | * * * * *                                            | Feed Driving Flange Friction Plate                                                     |
| 267033     | * * * * *                                            | Feed Driving Eccentric Connection Friction Washer                                      |
| 267063     | * * * * *                                            | Hook Driving Shaft Ball Bearing Retaining Washer                                       |
| 267189     | * * * - -                                            | Hook Driving Shaft                                                                     |
| 267195     | * * * - -                                            | Hook Saddle Bearing (left)                                                             |
| 267245     | * * * * *                                            | Feed Regulating Stud                                                                   |
| 268063     | * * * * *                                            | Feed Driving Eccentric Connection Needle Bearing                                       |
| 268064     | * * * * *                                            | Feed Driving Eccentric                                                                 |
| 268065     | * * * * -                                            | Feed Driving Eccentric Adjusting Disc                                                  |
| 268066     | * * * * *                                            | Feed Driving Eccentric Adjusting Disc Spring                                           |
| 270026     | * * * * *                                            | Feed Regulating Stud Spring                                                            |
| 276025     | - - * * *                                            | Safty Clutch Driving Ball (7/32 in. diameter) (3)                                      |
| 350440     | * * * * *                                            | Bed Oil Screw                                                                          |
| 412011     | * * * * -                                            | Feed Driving Eccentric Adjusting Disc Spring Collar with<br>544325 (2)                 |
| 412029     | * * * * -                                            | Feed Driving Flange with 241763 (2), 263567, 544350,<br>544388 (2), 544410, 549247 (2) |
| 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, 544329                             |
| 412034     | * * * * *                                            | Hook Driving Gear (spiral) (2) with 544325, 544329                                     |
| 412098     | * * * * *                                            | Hook Driving Shaft Ball Bearing complete 244713, 412033                                |
| 412179     | * * * - -                                            | Hook Saddle Bearing (right)                                                            |
| 412235     | * * * - -                                            | Feed Driving Eccentric complete 268064, 268065, 268066,<br>412011, 412029, 508499      |
| 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     | * * * * *                                            | Hook Driving Gear Set Screw (2)                                                        |
| 544325     | * * * * *                                            | Feed Driving Eccentric Adjusting Disc Spring Collar Set<br>Screw (2)                   |
| 544325     | * * * * *                                            | Hook Driving Shaft Ball Bearing Collar Set Screw                                       |
| 544329     | * * * * *                                            | Hook Driving Gear Position Screw (2)                                                   |
| 544329     | * * * * *                                            | Hook Driving Shaft Ball Bearing Collar Position Screw                                  |
| 544331     | - - * * *                                            | Safty Clutch Over Load Pulley Adjusting Screw (3)                                      |
| 544338     | * * * * *                                            | Feed Driving Flange Friction Plate Screw (2)                                           |
| 544346     | * * * * *                                            | Hook Driving Shaft Ball Bearing Retaining Washer Screw (3)                             |
| 544347     | * * * * *                                            | Feed Driving Eccentric Connection Friction Washer Screw (3)                            |
| 544350     | * * * * *                                            | Feed Driving Flange Set Screw                                                          |
| 544410     | * * * * *                                            | Feed Driving Flange Position Screw                                                     |
| 549247     | * * * * *                                            | Feed Driving Eccentric Friction Plate Screw Set Screw (2)                              |



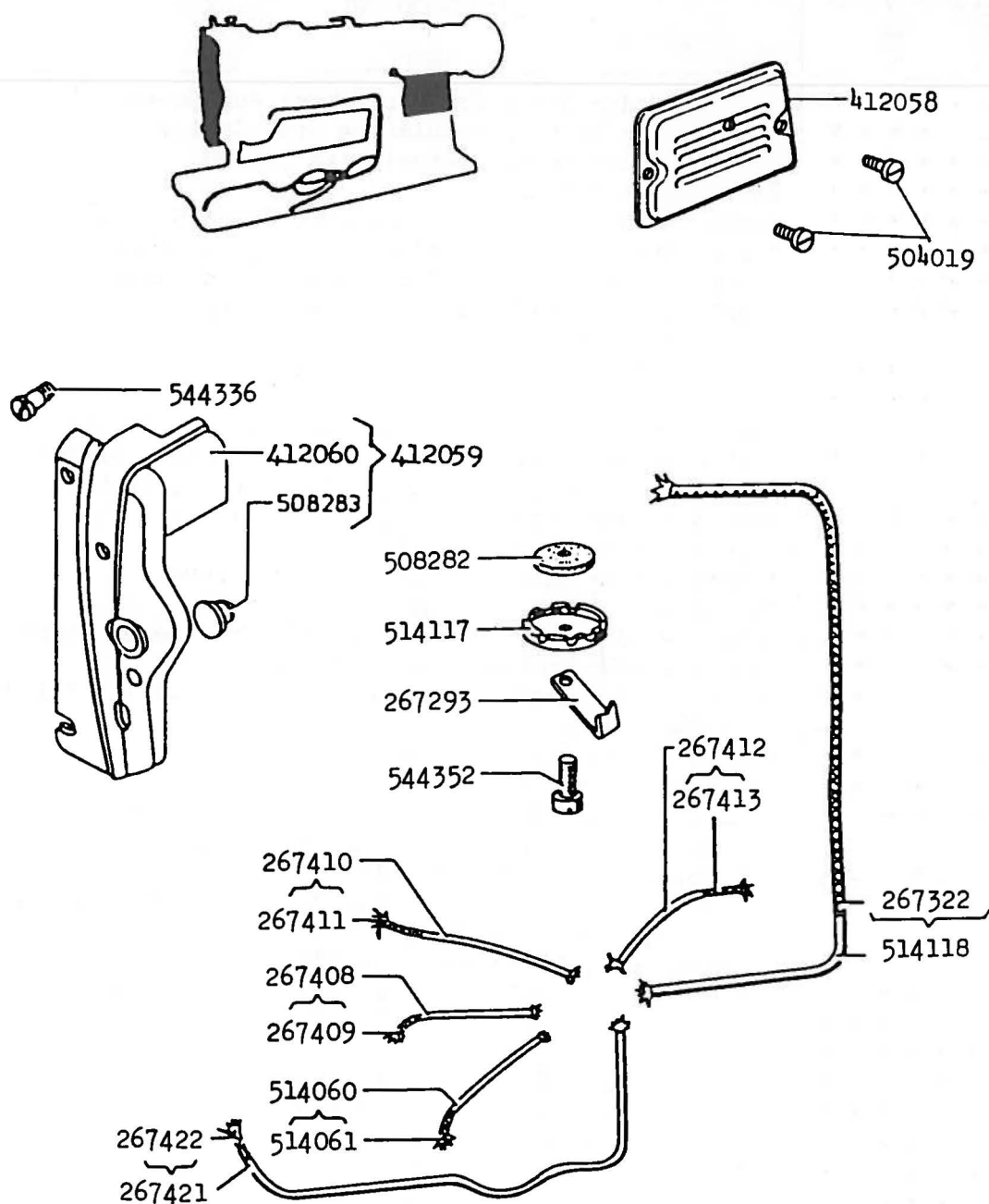
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                             |
|------------|------------------------------------------------------|-------------------------------------------------------------------------|
| 240067     | * * * * *                                            | 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<br>545205-452 |
| 412042     | - - * * *                                            | Presser Bar Spring Bracket with 545295                                  |
| 412087     | - - * * *                                            | Knee Lifter Lifting Lever complete 412088, 504091-810,<br>514048        |
| 412088     | - - * * *                                            | Knee Lifter Lifting Lever                                               |
| 412102     | * * * * *                                            | Presser Bar with 500256                                                 |
| 412227     | - - * * *                                            | Presser Bar Bushing (upper)                                             |
| 500256     | * * * * *                                            | Lifting Presser Foot Screw                                              |
| 504091-810 | - - * * *                                            | Tension Release Actuating Spring Screw                                  |
| 508309     | - - * * *                                            | Presser Bar Lifter                                                      |
| 514048     | - - * * *                                            | Tension Release Actuating Spring                                        |
| 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<br>Screw       |
| 545295     | * * * * *                                            | Presser Bar Spring Bracket Pinch Screw                                  |
| 545370     | * * * * *                                            | Presser Bar Bushing (lower) Set Screw                                   |



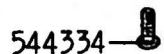
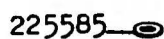
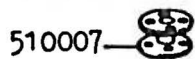
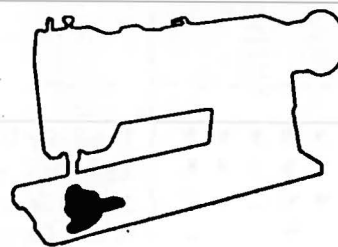
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                                                                                           |
|------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 86         | - - * * * *                                          | Tension Release Bell Crank Hinge Screw                                                                                                                                |
| 223703     | * * * * *                                            | Tension Release Lever                                                                                                                                                 |
| 223704     | * * * * *                                            | Tension Release Plunger (2)                                                                                                                                           |
| 236060     | * * * * *                                            | Tension Disc Position Pin (2)                                                                                                                                         |
| 240245     | - - * * * *                                          | Thread Lubricating Reservoir Oil Tube Clamp                                                                                                                           |
| 241765     | - - * * * *                                          | Thread Lubricator Oil Pad (felt)                                                                                                                                      |
| 263554     | - - * * * *                                          | Thread Lubricator Oil Pad Holder                                                                                                                                      |
| 267265     | * * * * *                                            | Tension Release Lever Rod                                                                                                                                             |
| 267288     | * * * - - -                                          | Thread Retainer                                                                                                                                                       |
| 267316     | * * * * *                                            | Thread Guide                                                                                                                                                          |
| 267368     | * * * * *                                            | Thread Controller Spring                                                                                                                                              |
| 412044     | - - * * * *                                          | Thread Lubricator Oil Pad Holder complete 241765, 263554,<br>412045, 544337 (2)                                                                                       |
| 412045     | - - * * * *                                          | Thread Lubricator Plate                                                                                                                                               |
| 412046     | - - * * * *                                          | Tension Release Bracket                                                                                                                                               |
| 412091     | * * * * *                                            | Tension Stud (2)                                                                                                                                                      |
| 412100     | - - * * * *                                          | Tension Release Bracket complete 86, 412046, 508277                                                                                                                   |
| 412103     | * * * * *                                            | Thread Controller Stud                                                                                                                                                |
| 412190     | * * * - - -                                          | Tension Bracket with 236060 (2), 412091 (2)                                                                                                                           |
| 412197     | * * * - - -                                          | Tension Bracket complete 223703, 223704 (2), 267368, 412103,<br>412190, 412200, 412201, 412202, 412203 (4), 412204 (2),<br>540682 (2), 541187 (3), 544343 (2), 544354 |
| 412200     | * * * * *                                            | Tension Release Lever Spring                                                                                                                                          |
| 412201     | * * * * *                                            | Thread Controller Spring Stop                                                                                                                                         |
| 412202     | * * * * *                                            | Thread Controller Disc                                                                                                                                                |
| 412203     | * * * * *                                            | Tension Disc (4)                                                                                                                                                      |
| 412204     | * * * * *                                            | Tension Release Washer (2)                                                                                                                                            |
| 412222     | - - * * * *                                          | Thread Lubricating Reservoir Clamping Spring                                                                                                                          |
| 508277     | - - * * * *                                          | Tension Release Bell Crank                                                                                                                                            |
| 514068     | - - * * * *                                          | Thread Lubricating Reservoir                                                                                                                                          |
| 514071     | - - * * * *                                          | Thread Lubricating Reservoir Oil Tube                                                                                                                                 |
| 514072     | - - * * * *                                          | Thread Lubricating Reservoir Stud                                                                                                                                     |
| 514073     | - - * * * *                                          | Thread Lubricating Regulator Spring                                                                                                                                   |
| 540682     | * * * - - -                                          | Tension Spring (2)                                                                                                                                                    |
| 541187     | * * * * *                                            | Tension Thumb Nut (3)                                                                                                                                                 |
| 544211-052 | - - * * * *                                          | Thread Lubricating Regulator Spring Set Screw (2)                                                                                                                     |
| 544337     | - - * * * *                                          | Thread Lubricator Oil Pad Holder Screw (2)                                                                                                                            |
| 544343     | * * * * *                                            | Tension Release Lever Hinge Screw (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.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                                                                                                                                          |
|------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                                                      |                                                                                                                                                                                                                      |
| 50429      | * * * * *                                            | Bobbin Winder Shaft Friction Wheel Set Screw (2)                                                                                                                                                                     |
| 270026     | - - * * * *                                          | 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                                                                                                                                                                           |
| 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,<br>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                                                                                                                                                                           |
| 412144     | * * * * *                                            | Thread Guide (Arm Top Cover) (2)                                                                                                                                                                                     |
| 412208     | * * * * *                                            | Bobbin Winder Shaft Bushing (Ecc.) Trip Lever (Long)                                                                                                                                                                 |
| 412224     | * * * * *                                            | Bobbin Winder Bushing (Ecc.) Thread Guard                                                                                                                                                                            |
| 412229     | * * * * *                                            | Bobbin Winder Tension complete 412230, 541170, 541186,<br>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<br>411108, 412208, 543805-008, 544211-051                                                                                                                     |
| 412483     | - - * - - -                                          | Arm Cover (Top) complete 270026, 412048, 412050, 412052,<br>412053, 412056, 412144 (2), 412224, 412229, 412232, 412240,<br>500280, 502832, 508555, 508557, 541186 (2), 543801-006,<br>543831-001, 543832-001, 544281 |
| 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 (2)                                                                                                                                                                            |
| 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<br>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.    | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                  |
|--------|------------------------------------------------------|--------------------------------------------------------------|
| 267293 | * * * * *                                            | Feed Driving Eccentric Connection Oil Tube Support           |
| 267322 | * * * * *                                            | Bed Oil Supply Tube Oil Wick                                 |
| 267408 | * * * - - -                                          | Hook Saddle Bearing (right) Oil Tube with 267409             |
| 267409 | * * * - - -                                          | Hook Saddle Bearing (right) Oil Tube Wick                    |
| 267410 | * * * - - -                                          | Feed Driving Rock Shaft Bushing (left) Oil Tube with 267411  |
| 267411 | * * * * *                                            | Feed Driving Rock Shaft Bushing (left) Oil Tube Wick         |
| 267412 | * * * - - -                                          | Feed Driving Rock Shaft Bushing (right) Oil Tube with 267413 |
| 267413 | * * * - - -                                          | Feed Driving Rock Shaft Bushing (right) Oil Tube Wick        |
| 267421 | * * * - - -                                          | Hook Saddle Bearing (left) Oil Tube with 267422              |
| 267422 | * * * - - -                                          | Hook Saddle Bearing (left) Oil Tube Wick                     |
| 412058 | * * * * *                                            | Arm Cover (side)                                             |
| 412059 | - - * * *                                            | Face Plate complete 412060, 508283                           |
| 412060 | - - * * *                                            | Face Plate Body                                              |
| 504019 | * * * * *                                            | Arm Cover (side) Screw (2)                                   |
| 508282 | * * * * *                                            | Bed Oil Tube Clamp Oiling Felt                               |
| 508283 | * * * * *                                            | Face Plate Plug                                              |
| 514060 | * * * - - -                                          | Feed Driving Eccentric Connection Oil Tube with 514061       |
| 514061 | * * * - - -                                          | Feed Driving Eccentric Connection Oil Tube Wick              |
| 514117 | * * * * *                                            | Bed Oil Tube Clamp                                           |
| 514118 | * * * - - -                                          | Bed Oil Supply Tube with 267322                              |
| 544336 | * * * * *                                            | Face Plate Screw (2)                                         |
| 544352 | * * * * *                                            | Bed Oil Tube Clamp Screw                                     |



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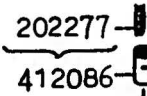
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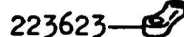
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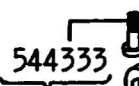
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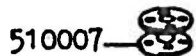
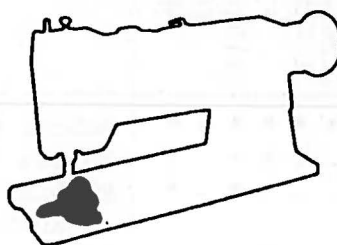
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| No.        |          |      |      |          |      | Description                                                                                                    |
|------------|----------|------|------|----------|------|----------------------------------------------------------------------------------------------------------------|
|            | 212U141A | 541A | 539A | 211U166A | 566A |                                                                                                                |
| 202056     | *        | *    | *    | *        | *    | Bobbin Case Latch Pin                                                                                          |
| 202277     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Hinge Stud Oil Packing Wick                                                           |
| 203101     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Driving Screw Stud Oil Packing Wick                                                   |
| 223623     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Link                                                                                  |
| 224019     | -        | -    | *    | *        | *    | Hook Bushing (lower)                                                                                           |
| 224022     | -        | -    | *    | *        | *    | Hook Driving Pinion Thrust Washer                                                                              |
| 225585     | *        | *    | *    | *        | *    | Hook Saddle Screw Washer                                                                                       |
| 412037     | -        | -    | *    | *        | *    | Hook Driving Pinion with 544325, 544329                                                                        |
| 412084     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Driving Screw Stud                                                                    |
| 412086     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Hinge Stud                                                                            |
| 412299     | -        | -    | *    | *        | *    | Hook Saddle and Hook complete 223623, 224022, 412037<br>412086, 412300, 412304, 412305, 412307, 545056, 549027 |
| 412300     | -        | -    | *    | *        | *    | Hook Saddle complete 224019, 412301, 412303, 545237 (2)                                                        |
| 412301     | -        | -    | *    | *        | *    | Hook Saddle with 544333                                                                                        |
| 412303     | -        | -    | *    | *        | *    | Hook Bushing (upper)                                                                                           |
| 412304     | -        | -    | *    | *        | *    | Bobbin Case Opener                                                                                             |
| 412305     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever with 203101, 412084, 541185                                                           |
| 412307     | -        | -    | *    | *        | *    | Hook and Bobbin Case complete 412309, 412307                                                                   |
| 412309     | -        | -    | *    | *        | *    | Hook complete 412310, 412311, 412312, 412313, 412314, 412315,<br>412316, 414607, 500520, 500521, 510013        |
| 412310     | -        | -    | *    | *        | *    | Hook Body                                                                                                      |
| 412311     | -        | -    | *    | *        | *    | Hook Gib                                                                                                       |
| 412312     | -        | -    | *    | *        | *    | Hook Shaft Oil Wick                                                                                            |
| 412313     | -        | -    | *    | *        | *    | Hook Shaft Oil Cap                                                                                             |
| 412314     | -        | -    | *    | *        | *    | Hook Oil Wick                                                                                                  |
| 412315     | -        | -    | *    | *        | *    | Hook Oil Wick Cap                                                                                              |
| 412316     | -        | -    | *    | *        | *    | Hook Oil Hole Cap                                                                                              |
| 412317     | -        | -    | *    | *        | *    | Bobbin Case with 202056, 412319, 412320, 414608, 500519,<br>510009-902, 510009-903                             |
| 412319     | -        | -    | *    | *        | *    | Bobbin Case Latch Spring                                                                                       |
| 412320     | -        | -    | *    | *        | *    | Bobbin Case Tension Spring                                                                                     |
| 414607     | -        | -    | *    | *        | *    | Hook Shaft Oil Wick Holder                                                                                     |
| 414608     | -        | -    | *    | *        | *    | Bobbin Case Tension Spring Screw                                                                               |
| 500519     | -        | *    | *    | *        | *    | Bobbin Case Tension Spring Regulating Screw                                                                    |
| 500520     | -        | *    | *    | *        | *    | Hook Gib Screw (3)                                                                                             |
| 500521     | -        | *    | *    | *        | *    | Hook Needle Guard Screw (2)                                                                                    |
| 510007     | -        | *    | *    | *        | *    | Bobbin                                                                                                         |
| 510009-902 | -        | *    | *    | *        | *    | Bobbin Case Latch                                                                                              |
| 510009-903 | -        | *    | *    | *        | *    | Bobbin Case Latch Plunger                                                                                      |
| 510013     | -        | *    | *    | *        | *    | Hook Needle Guard                                                                                              |
| 541185     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Driving Screw Stud Nut                                                                |
| 544325     | -        | -    | *    | *        | *    | Hook Driving Pinion Set Screw                                                                                  |
| 544329     | -        | -    | *    | *        | *    | Hook Driving Pinion Position Screw                                                                             |
| 544333     | -        | -    | *    | *        | *    | Hook Saddle Pinch Screw                                                                                        |
| 544334     | *        | *    | *    | *        | *    | Hook Saddle Screw                                                                                              |
| 545056     | -        | -    | *    | *        | *    | Bobbin Case Opener Lever Hinge Stud Set Screw                                                                  |
| 545237     | -        | -    | *    | *        | *    | Hook Bushing (lower) Set Screw                                                                                 |
| 545237     | -        | -    | *    | *        | *    | Hook Bushing (upper) Set Screw                                                                                 |
| 549027     | *        | *    | *    | *        | *    | Bobbin Case Opener Screw                                                                                       |



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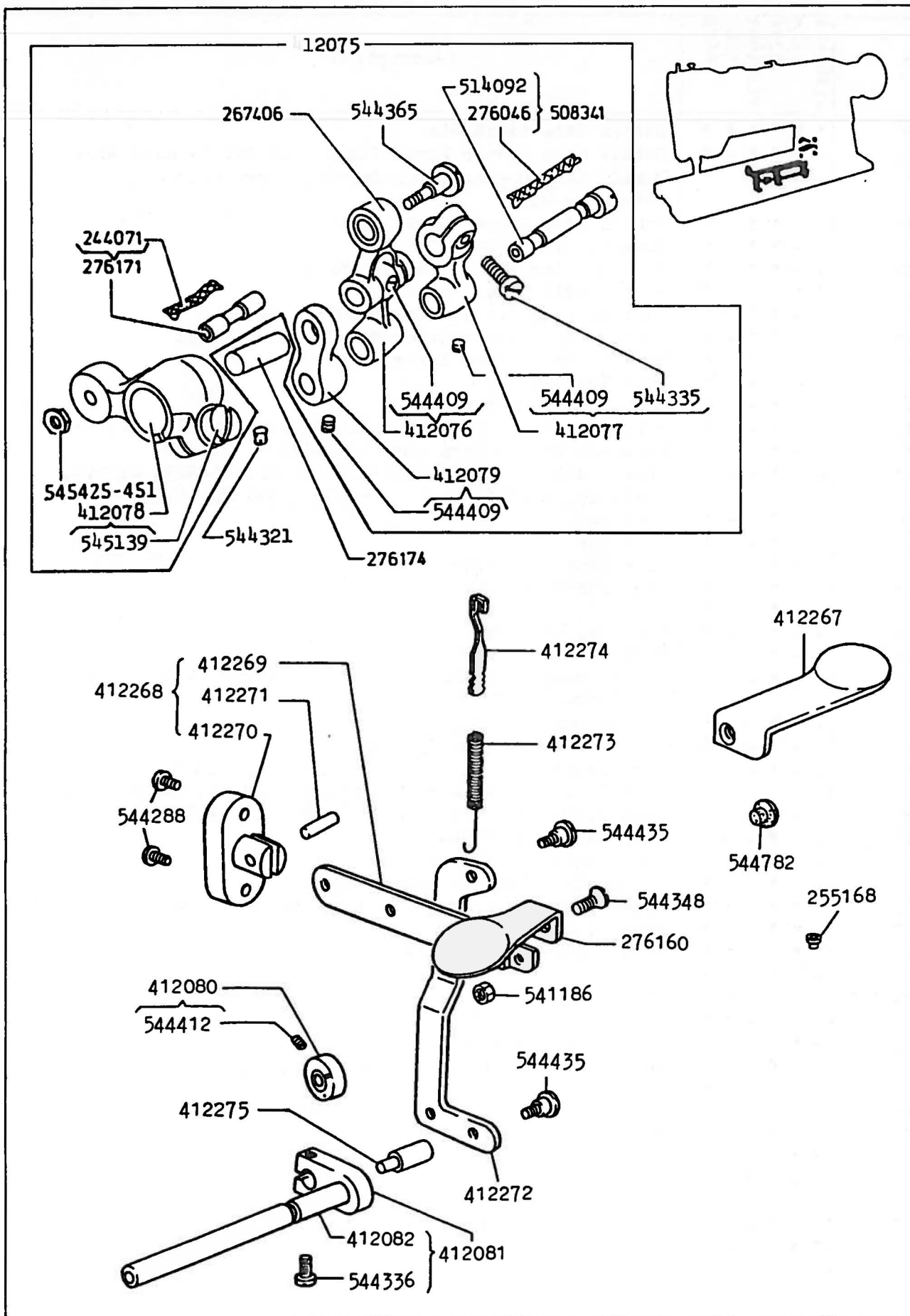
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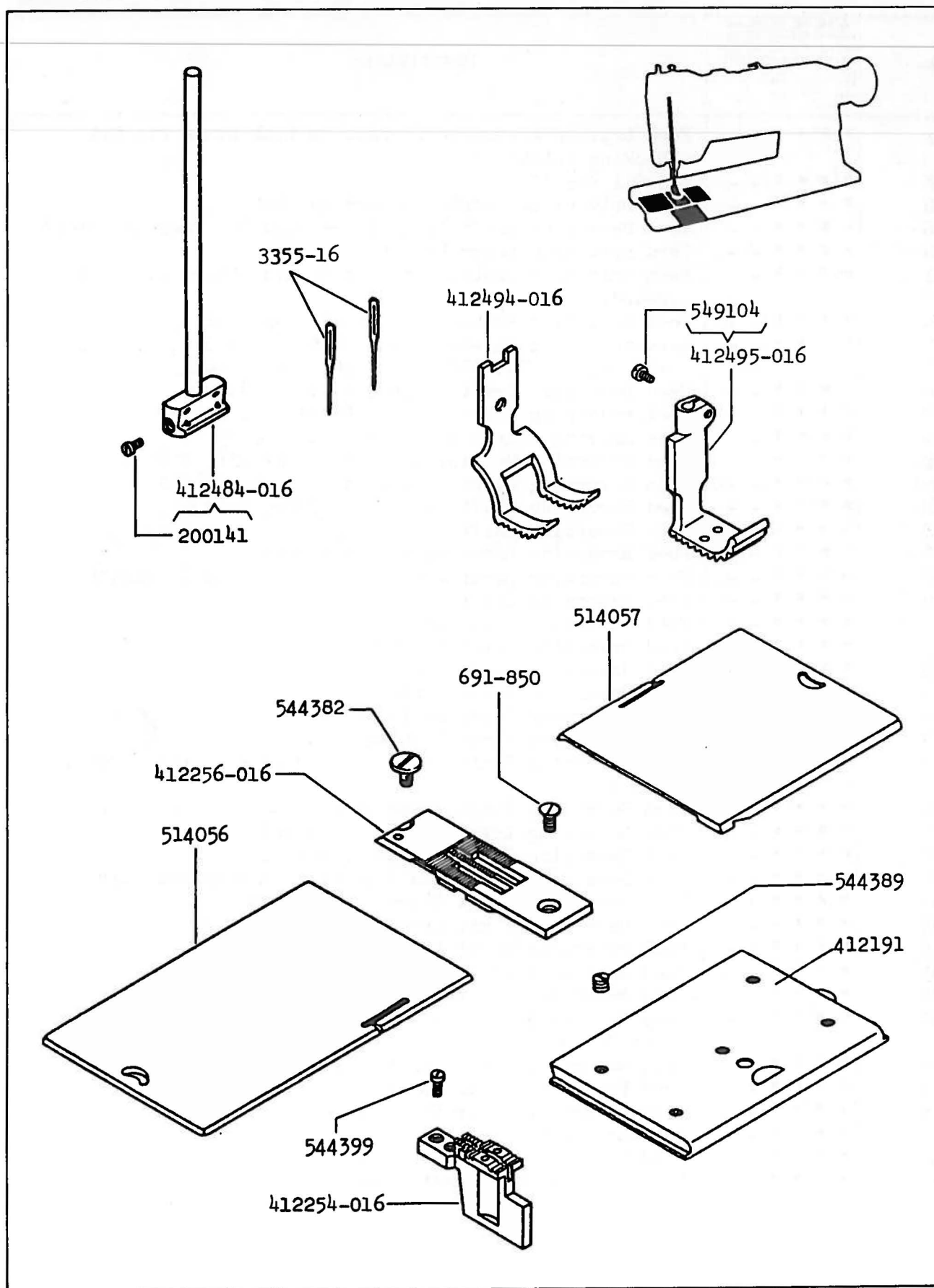
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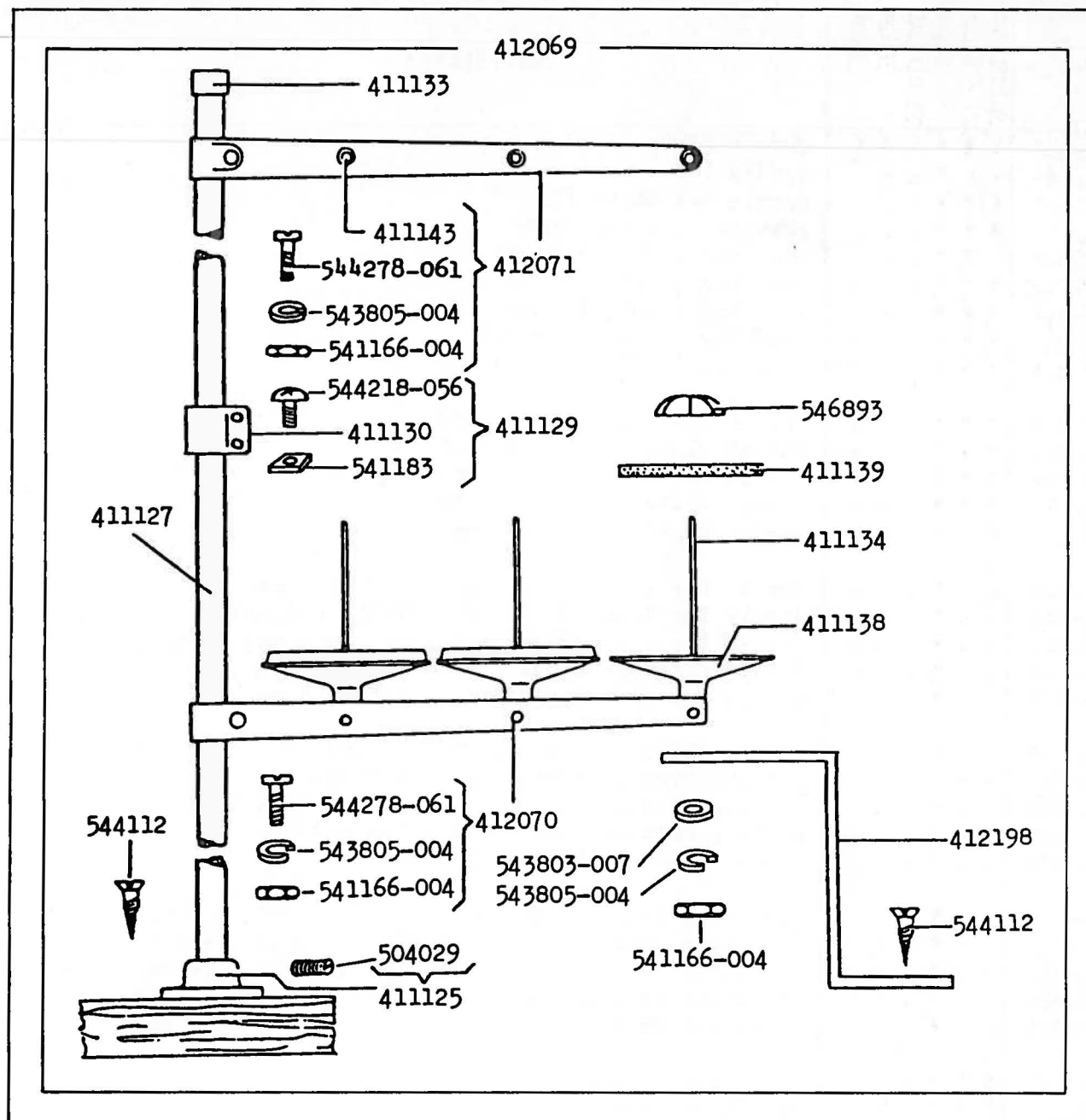
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                                 |
|------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 202056     | * * * * *                                            | Bobbin Case Latch Pin                                                                                       |
| 202277     | - - * * - *                                          | Bobbin Case Opener Lever Hinge Stud Oil Packing Wick                                                        |
| 203101     | - - * * - *                                          | Bobbin Case Opener Lever Driving Screw Stud Oil Packing Wick                                                |
| 223623     | - - * * - *                                          | Bobbin Case Opener Lever Link                                                                               |
| 224019     | - - * * - *                                          | Hook Bushing (lower)                                                                                        |
| 224022     | - - * * - *                                          | Hook Driving Pinion Thrust Washer                                                                           |
| 225585     | * * * * *                                            | Hook Saddle Screw Washer                                                                                    |
| 412037     | - - * * - *                                          | Hook Driving Pinion with 544325, 544329                                                                     |
| 412084     | - - * * - *                                          | Bobbin Case Opener Lever Driving Screw Stud                                                                 |
| 412086     | - - * * - *                                          | Bobbin Case Opener Lever Hinge Stud                                                                         |
| 412303     | - - * - - *                                          | Hook Bushing (upper)                                                                                        |
| 412304     | - - * - - *                                          | Bobbin Case Opener                                                                                          |
| 412305     | - - * - - *                                          | Bobbin Case Opener Lever with 203101, 412084, 541185                                                        |
| 412307     | - - * - - *                                          | Hook and Bobbin Case complete 412309, 412307                                                                |
| 412309     | - - * - - *                                          | Hook complete 412310, 412311, 412312, 412313, 412314, 412315, 412316, 414607, 500520, 500521, 510013        |
| 412310     | - - * - - *                                          | Hook Body                                                                                                   |
| 412311     | - - * - - *                                          | Hook Gib                                                                                                    |
| 412312     | - - * - - *                                          | Hook Shaft Oil Wick                                                                                         |
| 412313     | - - * - - *                                          | Hook Shaft Oil Cap                                                                                          |
| 412314     | - - * - - *                                          | Hook Oil Wick                                                                                               |
| 412315     | - - * - - *                                          | Hook Oil Wick Cap                                                                                           |
| 412316     | - - * - - *                                          | Hook Oil Hole Cap                                                                                           |
| 412317     | - - * - - *                                          | Bobbin Case with 202056, 412319, 412320, 414608, 500519 510009-902, 510009-903                              |
| 412319     | - - * - - *                                          | Bobbin Case Latch Spring                                                                                    |
| 412320     | - - * - - *                                          | Bobbin Case Tension Spring                                                                                  |
| 412486     | - - * - - -                                          | Hook Saddle and Hook complete 223623, 224022, 412037 412086, 412304, 412305, 412307, 412487, 545056, 549027 |
| 412487     | - - * - - -                                          | Hook Saddle complete 224019, 412303, 412488, 545237 (2)                                                     |
| 412488     | - - * - - -                                          | Hook Saddle with 544333                                                                                     |
| 414607     | - - * - - *                                          | Hook Shaft Oil Wick Holder                                                                                  |
| 414608     | - - * - - *                                          | Bobbin Case Tension Spring Screw                                                                            |
| 500519     | - * * - * *                                          | Bobbin Case Tension Spring Regulating Screw                                                                 |
| 500520     | - * * - * *                                          | Hook Gib Screw (3)                                                                                          |
| 500521     | - * * - * *                                          | Hook Needle Guard Screw (2)                                                                                 |
| 510007     | - * * - * *                                          | Bobbin                                                                                                      |
| 510009-902 | - * * - * *                                          | Bobbin Case Latch                                                                                           |
| 510009-903 | - * * - * *                                          | Bobbin Case Latch Plunger                                                                                   |
| 510013     | - * * - * *                                          | Hook Needle Guard                                                                                           |
| 541185     | - - * * - *                                          | Bobbin Case Opener Lever Driving Screw Stud Nut                                                             |
| 544325     | - - * * - *                                          | Hook Driving Pinion Set Screw                                                                               |
| 544329     | - - * * - *                                          | Hook Driving Pinion Position Screw                                                                          |
| 544333     | - - * * - *                                          | Hook Saddle Pinch Screw                                                                                     |
| 544334     | * * * * *                                            | Hook Saddle Screw                                                                                           |
| 545056     | - - * * - *                                          | Bobbin Case Opener Lever Hinge Stud Set Screw                                                               |
| 545237     | - - * * - *                                          | Hook Bushing (lower) Set Screw                                                                              |
| 545237     | - - * * - *                                          | Hook Bushing (upper) Set Screw                                                                              |
| 549027     | * * * * *                                            | Bobbin Case Opener Screw                                                                                    |



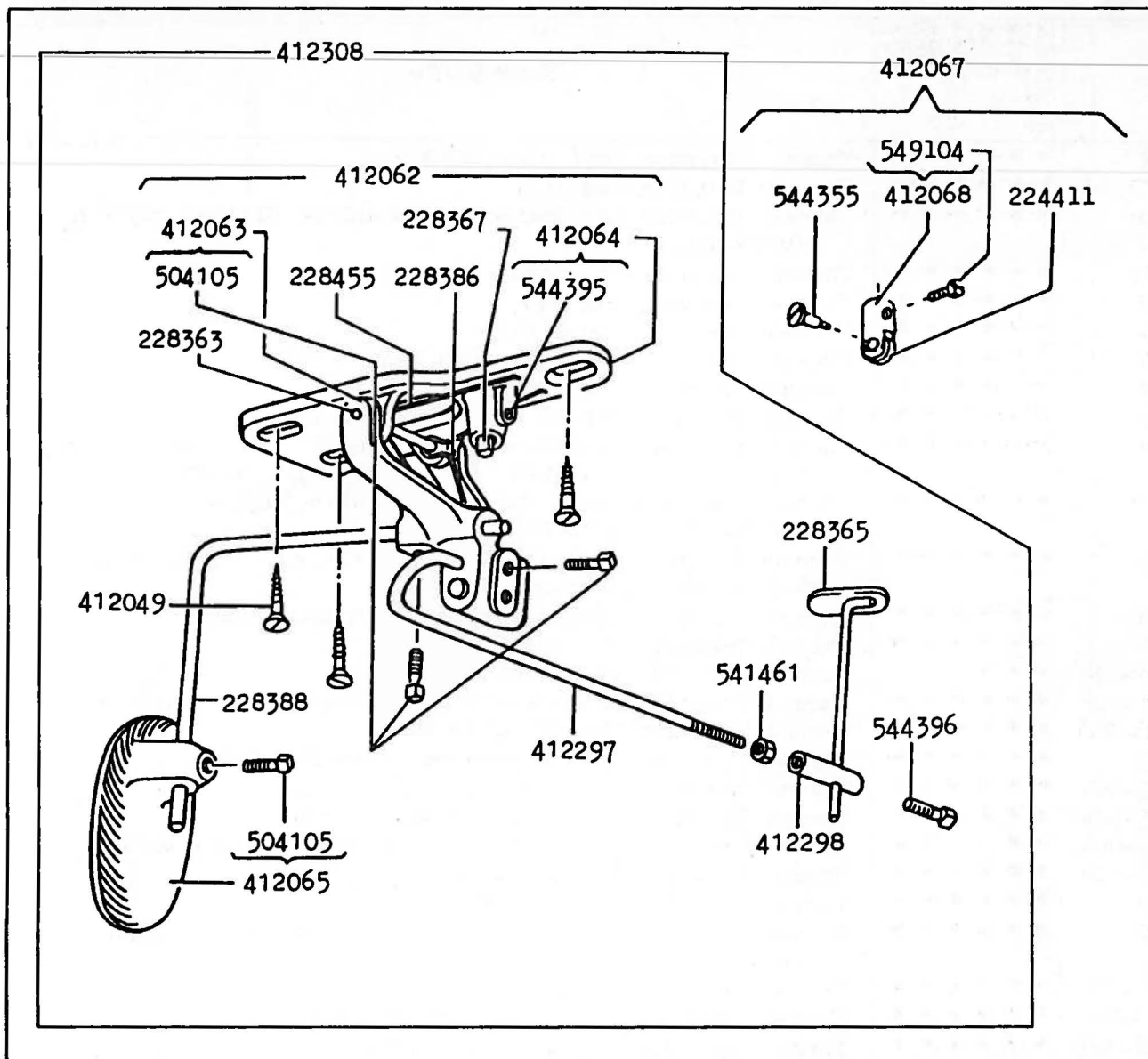
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                      |
|------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 244071     | * * * * - -                                          | Feed Driving Eccentric Connection Link Hinge Pin Oil Packing (wick)                              |
| 255168     | * * * * - -                                          | Bed Oil Cup (2)                                                                                  |
| 267406     | * * * * - -                                          | Feed Driving Eccentric Connection Link                                                           |
| 276046     | * * * * - -                                          | Feed Reversing Shaft Crank Hinge Stud Oil Packing (wick)                                         |
| 276160     | * * * * - -                                          | Feed Reversing Lever Handle                                                                      |
| 276171     | * * * * - -                                          | Feed Driving Eccentric Connection Link Hinge Pin with 244071                                     |
| 276174     | * * * * - -                                          | Feed Reversing Mechanism Support Link Stud                                                       |
| 412075     | * * * * - -                                          | Reverse Feed complete 267406, 276171, 412076, 412077, 412078, 412079, 508341, 544365, 545425-451 |
| 412076     | * * * * - -                                          | Feed Reversing Shaft Crank Link with 544409                                                      |
| 412077     | * * * * - -                                          | Feed Reversing Shaft Crank with 544335, 544409                                                   |
| 412078     | * * * * - -                                          | Feed Driving Rock Shaft Crank with 545139                                                        |
| 412079     | * * * * - -                                          | Feed Reversing Mechanism Support Link with 544409                                                |
| 412080     | * * * * - -                                          | Feed Reversing Lever Spring Collar with 544412 (2)                                               |
| 412081     | * * * * - -                                          | Feed Reversing Shaft complete 412082, 544336                                                     |
| 412082     | * * * * - -                                          | Feed Reversing Shaft                                                                             |
| 412267     | * * * * - -                                          | Feed Reversing Lever Handle (optional)                                                           |
| 412268     | * * * * - -                                          | Feed Reversing Lever complete 412269, 412270, 412271                                             |
| 412269     | * * * * - -                                          | Feed Reversing Lever                                                                             |
| 412270     | * * * * - -                                          | Feed Reversing Lever Bracket                                                                     |
| 412271     | * * * * - -                                          | Feed Reversing Lever Hinge Pin                                                                   |
| 412272     | * * * * - -                                          | Feed Reversing Lever Link                                                                        |
| 412273     | * * * * - -                                          | Feed Reversing Lever Spring                                                                      |
| 412274     | * * * * - -                                          | Feed Reversing Lever Spring Hook                                                                 |
| 412275     | * * * - - -                                          | Feed Reversing Shaft Driving Stud                                                                |
| 508341     | * * * * - -                                          | Feed Reversing Shaft Crank Hinge Stud complete 276046, 514092                                    |
| 514092     | * * * * - -                                          | Feed Reversing Shaft Crank Hinge Stud                                                            |
| 541186     | * * * * - -                                          | Feed Reversing Lever Handle Screw Nut                                                            |
| 544288     | * * * * - -                                          | Feed Reversing Lever Bracket Screw (2)                                                           |
| 544321     | * * * * - -                                          | Feed Reversing Mechanism Support Link Stud Set Screw                                             |
| 544335     | * * * * - -                                          | Feed Reversing Shaft Crank Pinch Screw                                                           |
| 544336     | * * * * - -                                          | Feed Reversing Shaft Driving Stud Pinch Screw                                                    |
| 544348     | * * * * - -                                          | Feed Reversing Lever Handle Screw                                                                |
| 544365     | * * * * - -                                          | Feed Driving Rock Shaft Crank Hinge Screw                                                        |
| 544409     | * * * * - -                                          | Feed Reversing Shaft Crank Hinge Stud Set Screw                                                  |
| 544409     | * * * * - -                                          | Feed Driving Eccentric Connection Link Hinge Pin Set Screw                                       |
| 544409     | * * * * - -                                          | Feed Reversing Shaft Crank Hinge Stud Set Screw                                                  |
| 544412     | * * * * - -                                          | Feed Reversing Lever Spring Collar Set Screw (2)                                                 |
| 544435     | * * * * - -                                          | Feed Reversing Lever Hinge Screw (2)                                                             |
| 544782     | * * * * - -                                          | Arm Cap (rear)                                                                                   |
| 545139     | * * * * - -                                          | Feed Driving Rock Shaft Crank Pinch Screw                                                        |
| 545425-451 | * * * * - -                                          | Feed Driving Rock Shaft Crank Hinge Screw Nut                                                    |



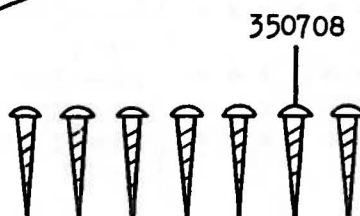
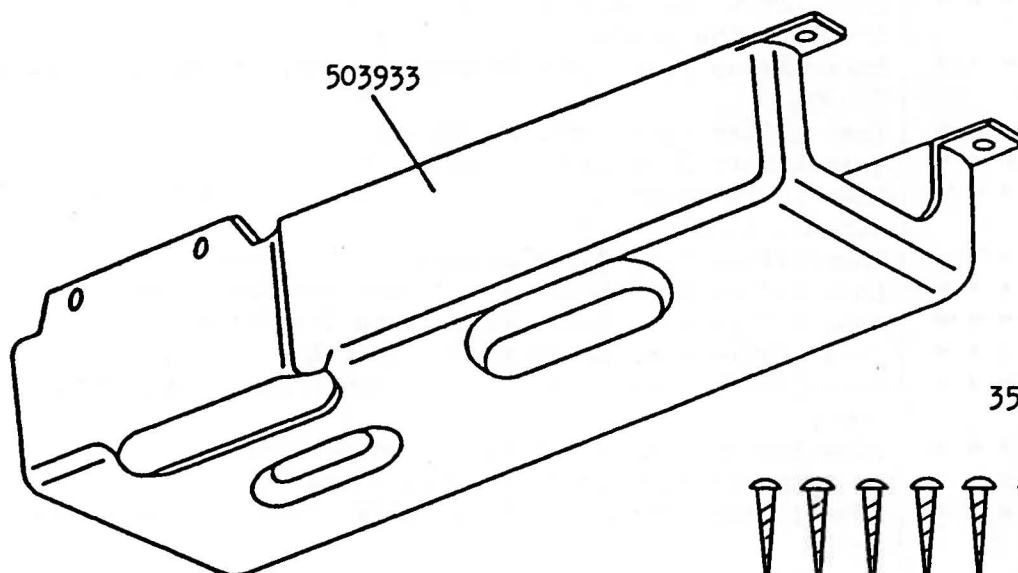
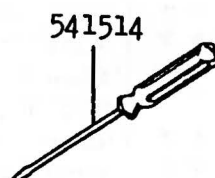
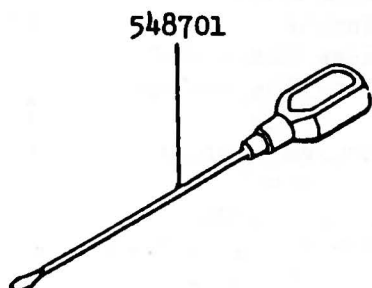
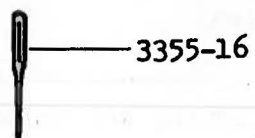
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                  |
|------------|------------------------------------------------------|--------------------------------------------------------------|
| 691-850    | * * * * *                                            | Throat Plate Screw                                           |
| 3355-16    | - - * - -                                            | Needle (2)                                                   |
| 200141     | * * * - -                                            | Needle Set Screw (2)                                         |
| 412191     | * * * - -                                            | Attachment Slide Plate                                       |
| 412266-008 | * * * - -                                            | Feed Dog (1/8", 3.2 mm)                                      |
| 412253-012 | * * * - -                                            | Feed Dog (3/16", 4.8 mm)                                     |
| 412254-016 | * * * - -                                            | Feed Dog (1/4", 6.4 mm) (Standard)                           |
| 412254-020 | * * * - -                                            | Feed Dog (5/16", 7.9 mm)                                     |
| 412254-024 | * * * - -                                            | Feed Dog (3/8", 9.5 mm)                                      |
| 412256-008 | * * * - -                                            | Throat Plate (1/8", 3.2 mm)                                  |
| 412256-012 | * * * - -                                            | Throat Plate (3/16", 4.8 mm)                                 |
| 412256-016 | * * * - -                                            | Throat Plate (1/4", 6.4 mm) (Standard)                       |
| 412256-020 | * * * - -                                            | Throat Plate (5/16", 7.9 mm)                                 |
| 412256-024 | * * * - -                                            | Throat Plate (3/8", 9.5 mm)                                  |
| 412484-008 | - - * - -                                            | Needle Bar with 200141 (2) (1/8", 3.2 mm)                    |
| 412484-012 | - - * - -                                            | Needle Bar with 200141 (2) (3/16", 4.8 mm)                   |
| 412484-016 | - - * - -                                            | Needle Bar with 200141 (2) (1/4", 6.4 mm) (Standard)         |
| 412484-020 | - - * - -                                            | Needle Bar with 200141 (2) (5/16", 7.9 mm)                   |
| 412484-024 | - - * - -                                            | Needle Bar with 200141 (2) (3/8", 9.5 mm)                    |
| 412494-008 | - - * - -                                            | Lifting Presser Foot (1/8", 3.2 mm)                          |
| 412494-012 | - - * - -                                            | Lifting Presser Foot (3/16", 4.8 mm)                         |
| 412494-016 | - - * - -                                            | Lifting Presser Foot (1/4", 6.4 mm) (Standard)               |
| 412494-020 | - - * - -                                            | Lifting Presser Foot (5/16", 7.9 mm)                         |
| 412494-024 | - - * - -                                            | Lifting Presser Foot (3/8", 9.5 mm)                          |
| 412495-008 | - - * - -                                            | Vibrating Presser Foot with 549104 (1/8", 3.2 mm)            |
| 412495-012 | - - * - -                                            | Vibrating Presser Foot with 549104 (3/16", 4.8 mm)           |
| 412495-016 | - - * - -                                            | Vibrating Presser Foot with 549104 (1/4", 6.4 mm) (Standard) |
| 412495-020 | - - * - -                                            | Vibrating Presser Foot with 541904 (5/16", 7.9 mm)           |
| 412495-024 | - - * - -                                            | Vibrating Presser Foot with 541904 (3/8", 9.5 mm)            |
| 514056     | * * * - -                                            | Bed Slide (front)                                            |
| 514057     | * * * - -                                            | Bed Slide (back)                                             |
| 544389     | * * * - -                                            | Attachment Slide Plate Lock Screw                            |
| 544399     | * * * * *                                            | Feed Dog Screw (2)                                           |
| 549104     | - - * * *                                            | Vibrating Presser Foot Pinch Screw                           |



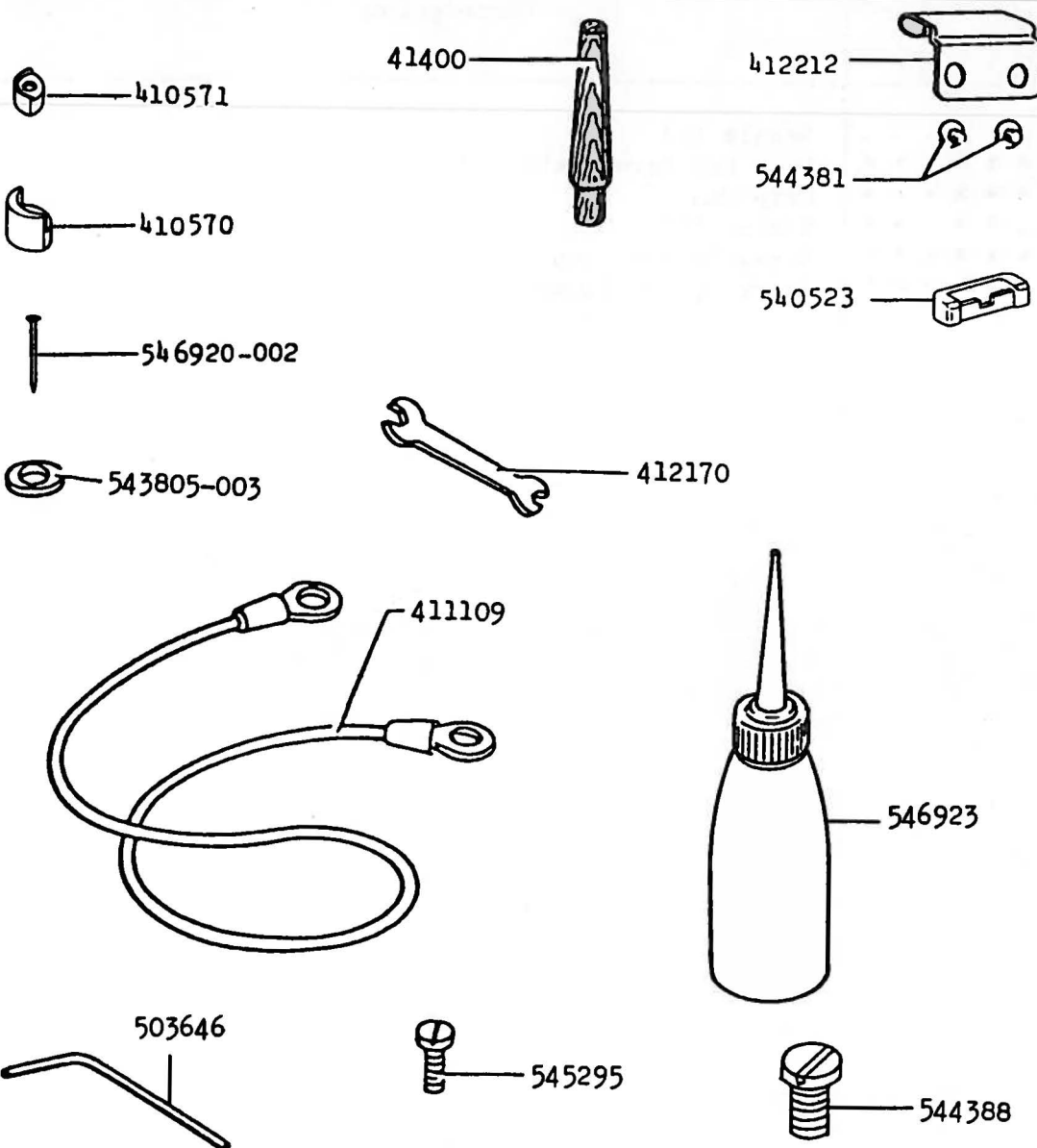
| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                             |
|------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 411125     | * * * * *                                            | Thread Unwinder Foot with 504029                                                                        |
| 411127     | * * * * *                                            | Thread Unwinder Rod (2)                                                                                 |
| 411129     | * * * * *                                            | Thread Unwinder Rod Connection complete 411130, 541183, 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)                                                                |
| 412069     | * * * * *                                            | Thread Unwinder complete 411125, 411127, 411129, 411133, 411138, 411139, 412070, 412071, 544112, 546893 |
| 412070     | * * * * *                                            | Thread Unwinder Spool Carrier Arm with 541166-001, 543805-004, 544278-061                               |
| 412071     | * * * * *                                            | Thread Unwinder Thread Guide with 411143, 541166-001, 543805-004, 544278-061                            |
| 412198     | * * * * *                                            | Thread Unwinder Spool Carrier Arm Holder Plate                                                          |
| 504029     | * * * * *                                            | Thread Unwinder Rod Set Screw (2)                                                                       |
| 541166-004 | * * * * *                                            | Thread Unwinder Spool Nut (3)                                                                           |
| 541166-004 | * * * * *                                            | Thread Unwinder Spool Carrier Arm Screw Nut                                                             |
| 541166-004 | * * * * *                                            | Thread Unwinder Thread Guide Nut                                                                        |
| 541183     | * * * * *                                            | Thread Unwinder Rod Connection Screw Nut (2)                                                            |
| 543803-007 | * * * * *                                            | 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 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.    | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | 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 (3)                                                                         |
| 412062 | * * * * *                                            | Knee Lifter Rock Lever Bracket complete 228363, 228367, 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                                          |
| 412067 | * * * * *                                            | Knee Lifter Connection Lever Lifting Rod Roller complete 224411, 412068, 544355        |
| 412068 | * * * * *                                            | Knee Lifter Connection Lever Lifting Rod Roller Bracket with 549104                    |
| 412296 | * * * * *                                            | Knee Lifter Rock Lever Extension complete 412297, 412298, 544396                       |
| 412297 | * * * * *                                            | Knee Lifter Rock Lever Extension                                                       |
| 412298 | * * * * *                                            | Knee Lifter Rock Lever Holder                                                          |
| 412308 | * * * * *                                            | Knee Lifter Rock Lever complete 228365, 228388, 412049 (3), 412062, 412065, 412296     |
| 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                                            |
| 541461 | * * * * *                                            | Knee Lifter Rock Lever Holder Lock Nut                                                 |
| 544355 | * * * * *                                            | Knee Lifter Connection Lever Lifting Rod Roller Hinge 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 Screw                            |

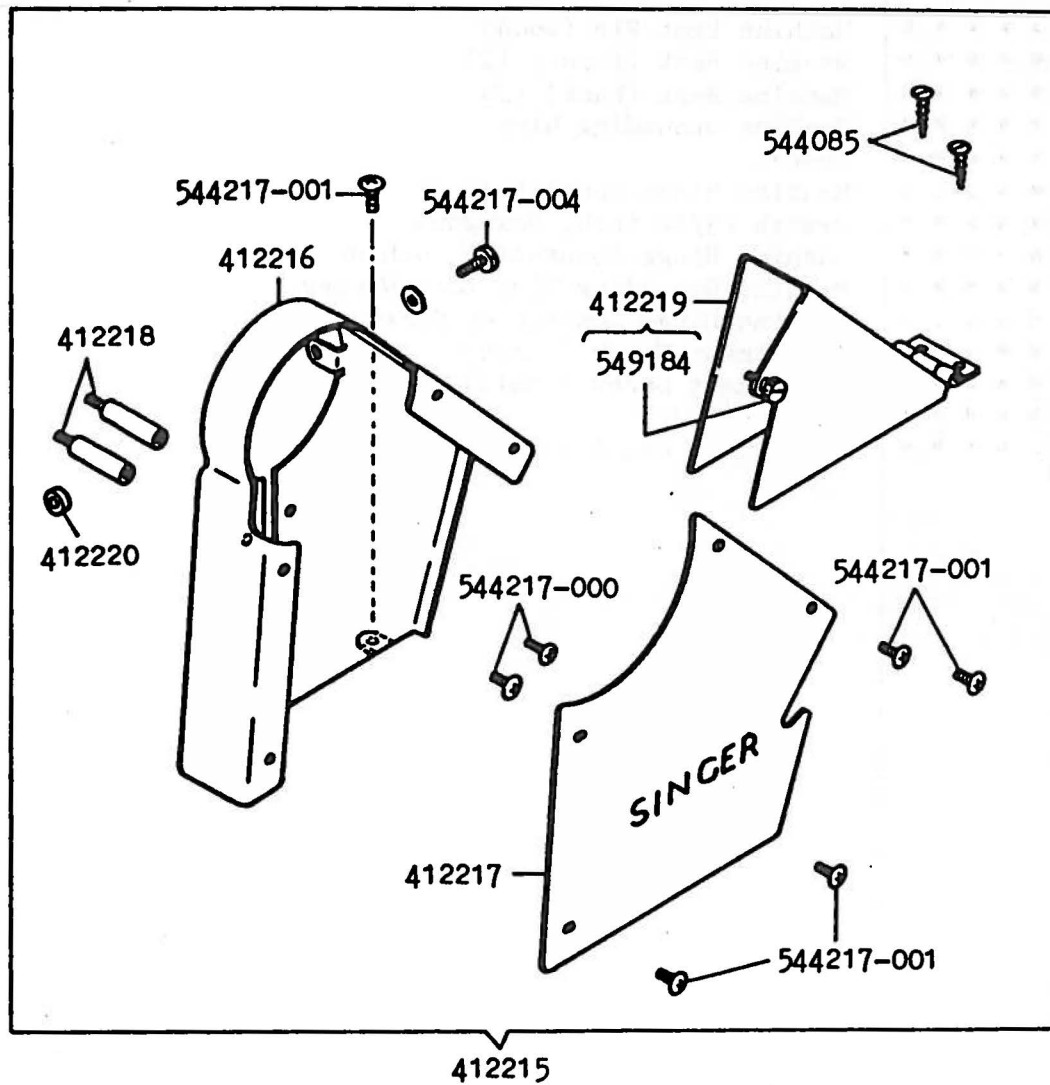


| No.                                                       | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A                           | Description                                                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 3355-16<br>350708<br>503933<br>510007<br>541514<br>548701 | - - * - - -<br>* * * * *<br>* * * * *<br>- * * - * *<br>* * * * *<br>* * * * * | Needle (5)<br>Drip Pan Screw Nail (7)<br>Drip Pan<br>Bobbin (4)<br>Screw Driver (small)<br>Screw Driver (long) |



| No.        | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                          |
|------------|------------------------------------------------------|--------------------------------------|
| 41400      | * * * * *                                            | Machine Rest Pin (wood)              |
| 410570     | * * * * *                                            | Machine Rest (front) (2)             |
| 410571     | * * * * *                                            | Machine Rest (back) (2)              |
| 411109     | * * * * *                                            | Machine Grounding Wire               |
| 412170     | * * * * *                                            | Wrench                               |
| 412212     | * * * - - -                                          | Machine Hinge Connection (2)         |
| 503646     | * * * * *                                            | Wrench (3/32 inch, Hexagon)          |
| 540523     | * * * * *                                            | Machine Hinge Connection Cushion (2) |
| 543805-003 | * * * * *                                            | Machine Grounding Wire Lock Washer   |
| 544381     | * * * - - -                                          | Machine Hinge Connection Screw (4)   |
| 544388     | * * * - - -                                          | Attachment Screw (large)             |
| 545295     | * * * * *                                            | Attachment Screw (small)             |
| 546920-002 | * * * * *                                            | Nail (4)                             |
| 546923     | - - * * * *                                          | Oiler (130 cc, A type)               |

OPTIONAL PARTS



| No. | 212U141A<br>541A<br>539A<br>211U166A<br>566A<br>567A | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                      | <p><u>OPTION</u></p> <p>412215 * * * * * Belt Guard Cpl. 412216, 412217, 412218 (2), 412219,<br/>412220, 544085 (2), 544217-001 (7), 544217-004</p> <p>412216 * * * * * Belt Guard</p> <p>412217 * * * * * Belt Guard Plate</p> <p>412218 * * * * * Belt Guard Screw Stud (2)</p> <p>412219 * * * * * Belt Guard (lower) with 549184</p> <p>412220 * * * * * Belt Guard Screw Collar</p> <p>544085 * * * * * Belt Guard (lower) Wood Screw (2)</p> <p>544217-001 * * * * * Belt Guard Screw (3)</p> <p>544217-001 * * * * * Belt Guard Plate Screw (4)</p> <p>544217-004 * * * * * Belt Guard Screw (long)</p> <p>549184 * * * * * Belt Guard (lower) Thumb Screw</p> |

