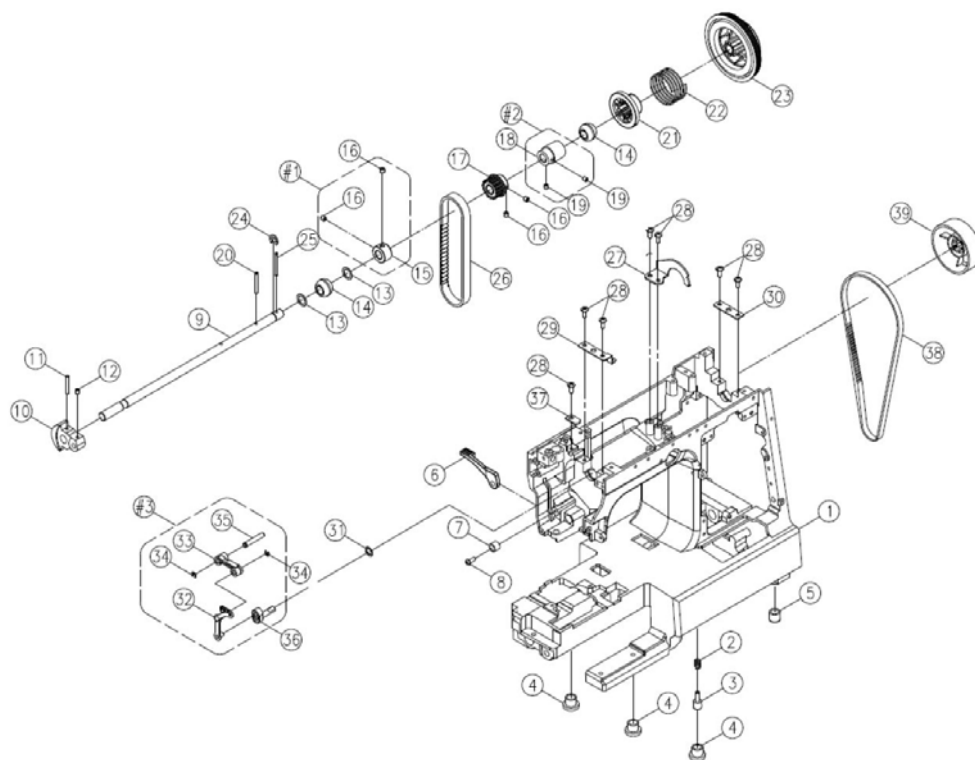


# **PARTS LIST**

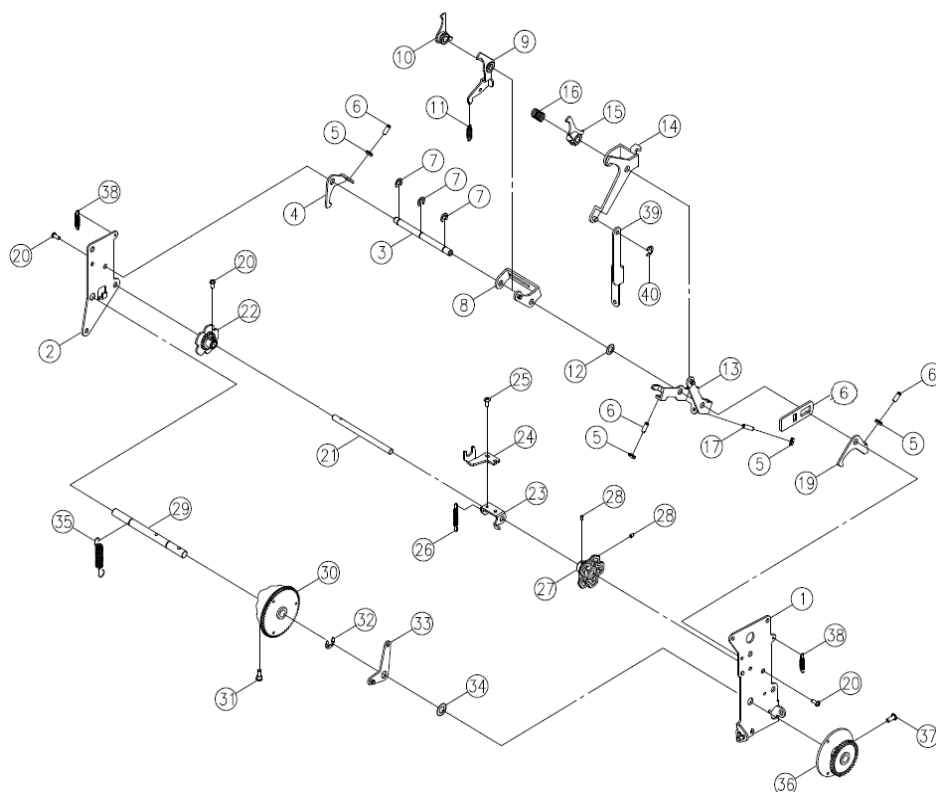
**HZL-353Z/355Z/357Z**



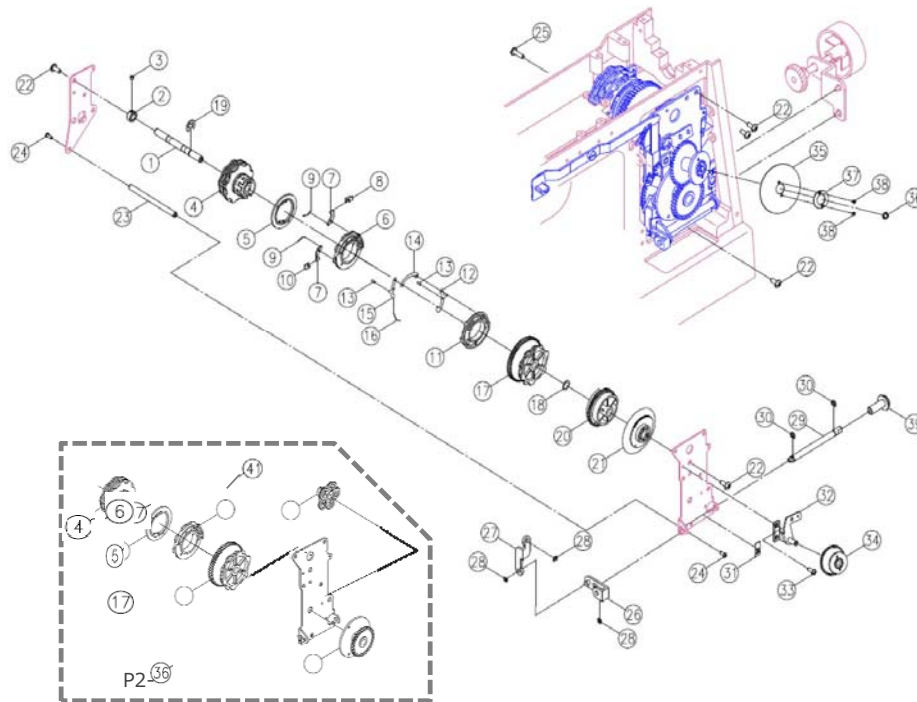
Ver.2



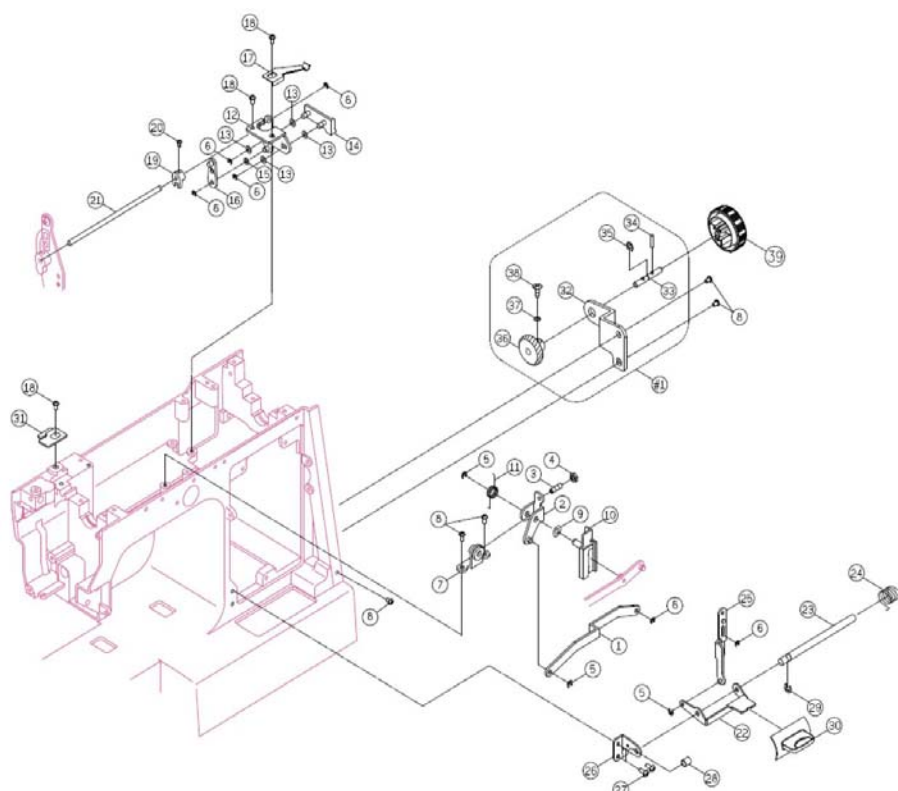
| P/No.    | Category No. | No. | Description                             |
|----------|--------------|-----|-----------------------------------------|
|          | 1            | 1   | ARM                                     |
|          | 1            | 2   | BASE PLATE ADJUSTMENT SCREW SPRING      |
|          | 1            | 3   | BASE PLATE ADJUSTMENT SCREW             |
| 40151579 | 1            | 4   | ADJUSTMENT FREE ARM BASE CUSHION RUBBER |
| 40151578 | 1            | 5   | FREE ARM BASE CUSHION RUBBER            |
|          | 1            | 6   | PRESSER BAR LIFTER LEVER                |
|          | 1            | 7   | PRESSER BAR LIFTER LEVER SCREW WASHER   |
|          | 1            | 8   | SCREW (M4×10 B)                         |
|          | 1            | 9   | ARM SHAFT                               |
|          | 1            | 10  | ARM SHAFT BALANCE                       |
|          | 1            | 11  | ARM SHAFT BALANCE PIN (Φ 3.5×24)        |
|          | 1            | 12  | SCREW(M4×6 C)                           |
|          | 1            | 13  | ENDURE ATTRITION WASHER (10.2×15×0.5)   |
|          | 1            | 14  | ARM SHAFT BUSHING                       |
|          | 1            | 15  | ARM SHAFT COLLAR                        |
|          | 1            | 16  | SCREW(M5×5 C)                           |
|          | 1            | 17  | ARM SHAFT SPROCKET                      |
|          | 1            | 18  | ARM SHAFT WORM                          |
|          | 1            | 19  | SCREW(11/64×40×5)                       |
|          | 1            | 20  | SPRING PIN(Φ 3×28)                      |
| 40151580 | 1            | 21  | ARM SHAFT COLLAR                        |
| 40151581 | 1            | 22  | ARM SHAFT CLUTCH ANNULUS SPRING         |
| 40151582 | 1            | 23  | ARM SHAFT DRIVER BELT PULLEY            |
|          | 1            | 24  | E-RING(ETW-8)                           |
|          | 1            | 25  | SPRING PIN(Φ 3×30)                      |
| 40151583 | 1            | 26  | MOTOR DRIVE BELT                        |
|          | 1            | 27  | MOTOR DRIVE BELT PROTECTION PLATE       |
|          | 1            | 28  | SCREW (M4×8 A)                          |
|          | 1            | 29  | ARM SHAFT BUSHING HOLDER PLATE          |
|          | 1            | 30  | ARM SHAFT BUSHING HOLDER PLATE          |
|          | 1            | 31  | ENDURE ATTRITION WASHER (6.2×12×0.25)   |
|          | 1            | 32  | THREAD TAKE UP LEVER COMPLETE           |
|          | 1            | 33  | THREAD TAKE UP LEVER SUPPORTER          |
|          | 1            | 34  | E-RING (ETW-6)                          |
|          | 1            | 35  | THREAD TAKE UP LEVER SUPPORTER SHAFT    |
|          | 1            | 36  | ARM SHAFT BALANCE PIN COMPLETE          |
|          | 1            | 37  | CARRYING HANDLE SHAFT                   |
| 40151584 | 1            | 38  | MOTOR DRIVE BELT(163XXL)                |
| 40151585 | 1            | 39  | HAND WHEEL                              |
|          | 1            | #1  | ARM SHAFT COLLAR COMPLETE               |
|          | 1            | #2  | ARM SHAFT WORM COMPLETE                 |
|          | 1            | #3  | THREAD TAKE UP LEVER COMPLETE           |



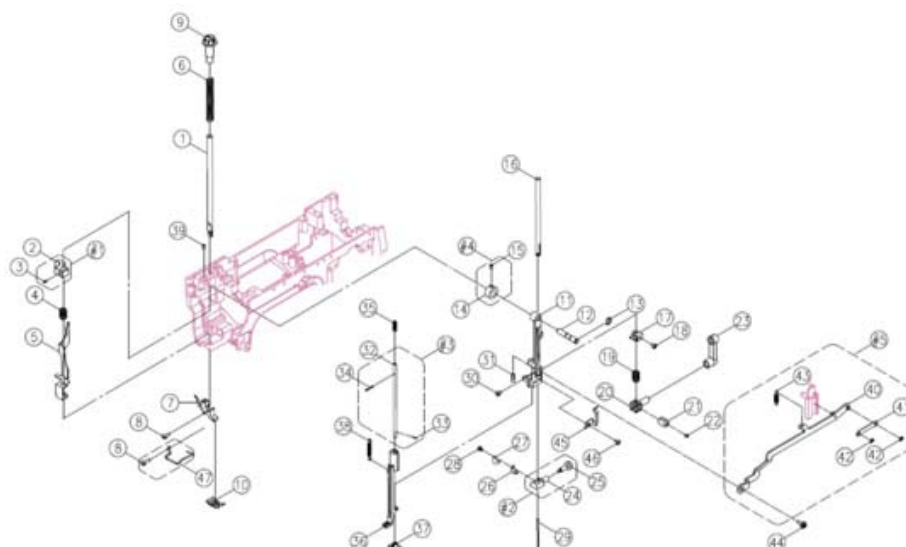
| P/No. | Category No. | No. | Description                           |
|-------|--------------|-----|---------------------------------------|
|       | 2            | 1   | PATTERN CAM CONTACT PLATE (FRONT)     |
|       | 2            | 2   | PATTERN CAM CONTACT PLATE (BACK)      |
|       | 2            | 3   | ZIGZAG CAM CONTACT SUPPORTER SHAFT    |
|       | 2            | 4   | ZIG ZAG RELEASE PLATE                 |
|       | 2            | 5   | SCREW (ALN-4)                         |
|       | 2            | 6   | SCREW (M4×0.7 L=9)                    |
|       | 2            | 7   | E-RING (ETW-5)                        |
|       | 2            | 8   | ZIGZAG CAM CONTACT SUPPORTER          |
|       | 2            | 9   | BH FEED CRANK                         |
|       | 2            | 10  | ZIGZAG CAM CONTACT                    |
|       | 2            | 11  | BH FEED CRANK SPRING                  |
|       | 2            | 12  | WASHER (6.6×14×0.25)                  |
|       | 2            | 13  | BH ADJUSTING CRANK                    |
|       | 2            | 14  | SS CAM CONTACT SUPPORTER              |
|       | 2            | 15  | SS CAM CONTACT                        |
|       | 2            | 16  | SS CAM CONTACT SPRING                 |
|       | 2            | 17  | SCREW (M4×0.7 L=12)                   |
|       | 2            | 18  | BH ADJUSTING PLATE                    |
|       | 2            | 19  | STRETCH STITCH RELEASE PLATE          |
|       | 2            | 20  | SCREW (M3×8 B)                        |
|       | 2            | 21  | PATTERN SELECTOR CAM SHAFT            |
|       | 2            | 22  | ZIGZAG CAM                            |
|       | 2            | 23  | ZIG ZAG MOVEMENT CONTACT              |
|       | 2            | 24  | MOVEMENT PLATE                        |
|       | 2            | 25  | SCREW (M3×6 A)                        |
|       | 2            | 26  | AUTO THREADED LEVER SPRING            |
|       | 2            | 27  | STRETCH STITCH RELEASE                |
|       | 2            | 28  | SCREW (M4×4 C)                        |
|       | 2            | 29  | PATTERN SELECTOR CAM SHAFT            |
|       | 2            | 30  | PATTERN SELECTOR CAM                  |
|       | 2            | 31  | SCREW (M4×7)                          |
|       | 2            | 32  | E-RING (ETW-6)                        |
|       | 2            | 33  | PATTERN SELECTOR ADJUSTING LEVER      |
|       | 2            | 34  | ENDURE ATTRITION WASHER ( 8.2×16×0.5) |
|       | 2            | 35  | FEED REGULATING CRANK SPRING          |
|       | 2            | 36  | ZIGZAG SELECTOR CAM                   |
|       | 2            | 37  | SCREW (M4×10B)                        |
|       | 2            | 38  | SPRING                                |
|       | 2            | 39  | FEED ROCK SHAFT                       |
|       | 2            | 40  | E-RING (ETW-3)                        |



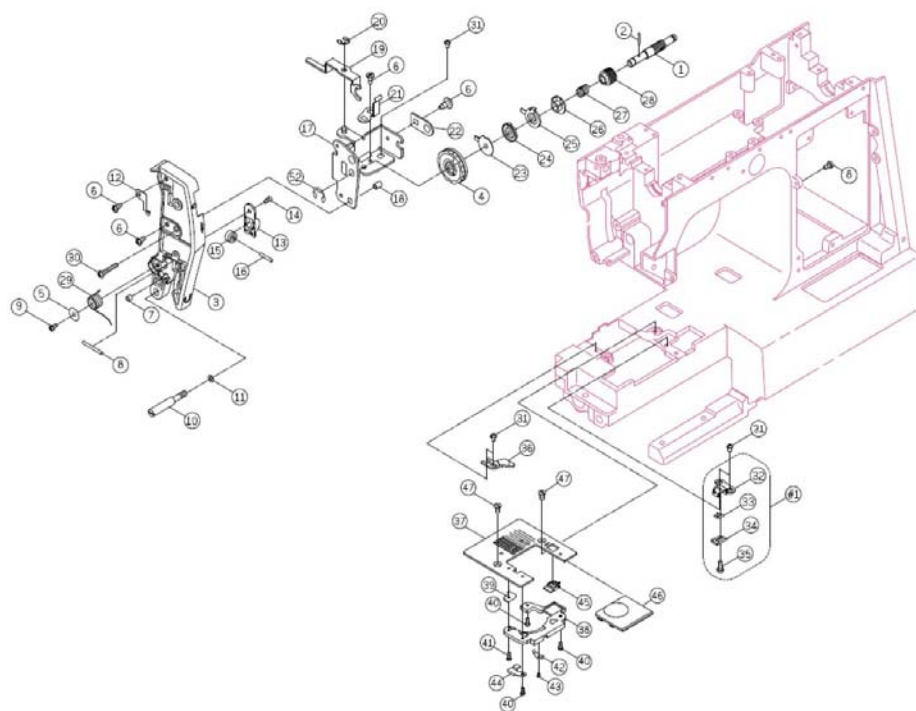
| P/No.    | Category No. | No. | Description                         |
|----------|--------------|-----|-------------------------------------|
|          | 3            | 1   | PATTERN CAM SHAFT                   |
|          | 3            | 2   | PATTERN CAM SHAFT COLLAR            |
|          | 3            | 3   | SET SCREW (M4×4 C)                  |
|          | 3            | 4   | PATTERN CAM                         |
|          | 3            | 5   | STRAIGHT STITCH CAM                 |
|          | 3            | 6   | BH CAM                              |
|          | 3            | 7   | BH CONTACT                          |
|          | 3            | 8   | BH SLIDE BLOCK B                    |
|          | 3            | 9   | BH CONTACT SPRING PLATE             |
|          | 3            | 10  | BH SLIDE BLOCK A                    |
|          | 3            | 11  | BH FEED REGULATOR CAM               |
|          | 3            | 12  | BH CLUTCH CONTACT A                 |
|          | 3            | 13  | BH CLUTCH SHAFT                     |
|          | 3            | 14  | BH CLUTCH LEVER                     |
|          | 3            | 15  | BH CLUTCH CONTACT B                 |
|          | 3            | 16  | BH CLUTCH SPRING PLATE              |
|          | 3            | 17  | SS CAM                              |
|          | 3            | 18  | WASHER (8.2×14×0.5)                 |
|          | 3            | 19  | E-RING (ETW-6)                      |
|          | 3            | 20  | FEED REGULATOR CAM                  |
|          | 3            | 21  | STRETCH STITCH SELECTOR CAM         |
|          | 3            | 22  | SCREW (M4×8 A)                      |
|          | 3            | 23  | PATTERN CAM CONTACT SUPPORTER SHAFT |
|          | 3            | 24  | SCREW (M3×8 B)                      |
|          | 3            | 25  | SET SCREW (M4×10 B)                 |
|          | 3            | 26  | BH ADJUSTING HOOK HOLDER            |
|          | 3            | 27  | BH ADJUSTING ROD                    |
|          | 3            | 28  | E-RING (ETW-3)                      |
|          | 3            | 29  | ADJUSTING SHAFT                     |
|          | 3            | 30  | E-RING (ETW-4)                      |
|          | 3            | 31  | NUT                                 |
|          | 3            | 32  | PATTERN GEAR PLATE COMPLETE         |
|          | 3            | 33  | SCREW (M4×6 B)                      |
|          | 3            | 34  | PATTERN GEAR                        |
|          | 3            | 35  | PATTERN SELECTOR PLATE              |
|          | 3            | 36  | CS RING (CSTW-4)                    |
|          | 3            | 37  | PATTERN SELECTOR PLATE              |
|          | 3            | 38  | SCREW (M2×0.4 L=6)                  |
| 40151593 | 3            | 39  | BH MICRO ADJUSTING KNOB             |
|          | 3            | -   | PATTERN CAM SHAFT COLLAR COMPLETE   |
| 40151586 | 3            | 41  | PATTERN CAM CONTACT COMPLETE        |



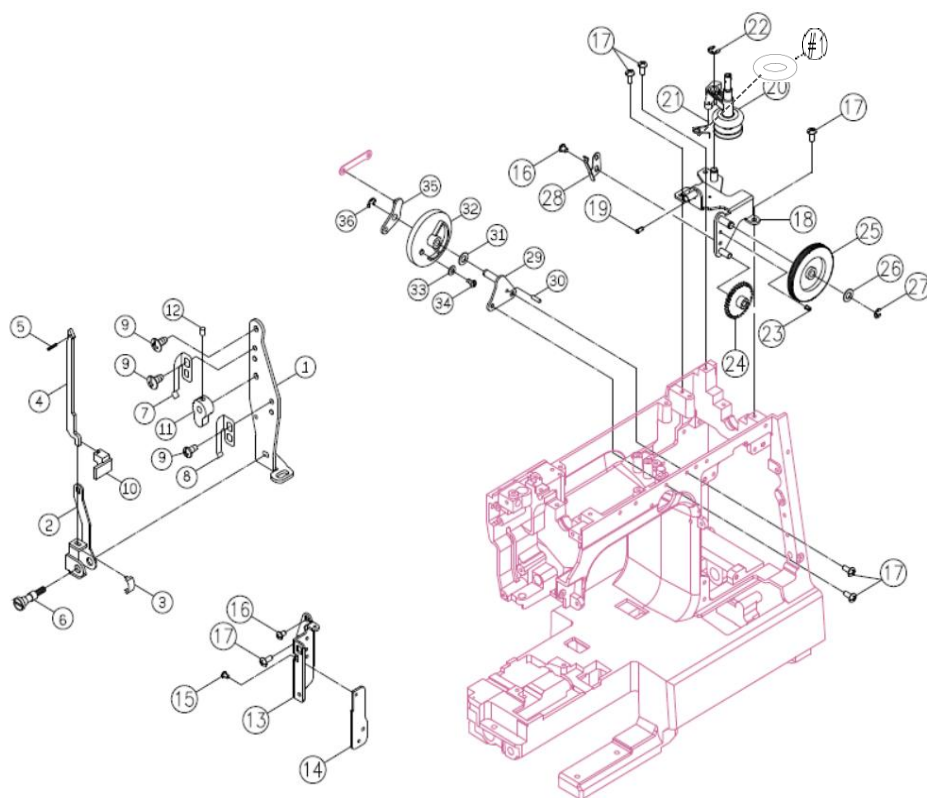
| P/No.    | Category No. | No. | Description                       |
|----------|--------------|-----|-----------------------------------|
|          | 4            | 1   | ROD                               |
|          | 4            | 2   | ZIGZAG REGULATOR CRANK            |
|          | 4            | 3   | SCREW (M4×0.7 L12)                |
|          | 4            | 4   | NUT (ALN-4)                       |
|          | 4            | 5   | E-RING (ETW-4)                    |
|          | 4            | 6   | E-RING (ETW-3)                    |
|          | 4            | 7   | ZIGZAG WIDTH REGULATING CAM PLATE |
|          | 4            | 8   | SCREW (M4×8 B)                    |
|          | 4            | 9   | WASHER (5.2×10×0.2)               |
|          | 4            | 10  | ZIGZAG WIDTH REGULATING CAM       |
|          | 4            | 11  | ZIGZAG WIDTH SPRING               |
|          | 4            | 12  | BH SELECTOR PLATE (1)             |
|          | 4            | 13  | WASHER (4.2×9×0.5)                |
|          | 4            | 14  | BH SLIDE PLATE                    |
|          | 4            | 15  | WASHER (4.2×12×1.2)               |
|          | 4            | 16  | BH SELECTOR PLATE (2)             |
|          | 4            | 17  | BH CAM PLATE                      |
|          | 4            | 18  | SCREW (M4×6 B)                    |
|          | 4            | 19  | BH SELECT CRANK                   |
|          | 4            | 20  | SCREW (M3×6 A)                    |
|          | 4            | 21  | BH SELECT CRANK SHAFT             |
|          | 4            | 22  | REVERSE CRANK                     |
|          | 4            | 23  | REVERSE CRANK SHAFT               |
|          | 4            | 24  | REVERSE ROD SPRING                |
|          | 4            | 25  | REVERSE ROD (1)                   |
|          | 4            | 26  | REVERSE PLATE                     |
|          | 4            | 27  | SCREW (M4×8 A)                    |
|          | 4            | 28  | REVERSE PLATE ROLLER              |
|          | 4            | 29  | E-RING (ETW-5)                    |
|          | 4            | 30  | REVERSE BUTTON                    |
|          | 4            | 31  | TENSION REGULATING PLATE          |
|          | 4            | 32  | SELECTOR DIAL PLATE               |
|          | 4            | 33  | SELECTOR DIAL SHAFT               |
|          | 4            | 34  | SPRING PIN (φ 2.5×12)             |
|          | 4            | 35  | E-RING (ETW-5)                    |
|          | 4            | 36  | SELECTOR GEAR                     |
|          | 4            | 37  | WASHER (3.2×8×0.8)                |
|          | 4            | 38  | SCREW (M3×8 B)                    |
| 40151594 | 4            | 39  | SELECTOR DIAL                     |
|          | 4            | #1  | SELECTOR DIAL PLATE COMPLETE      |



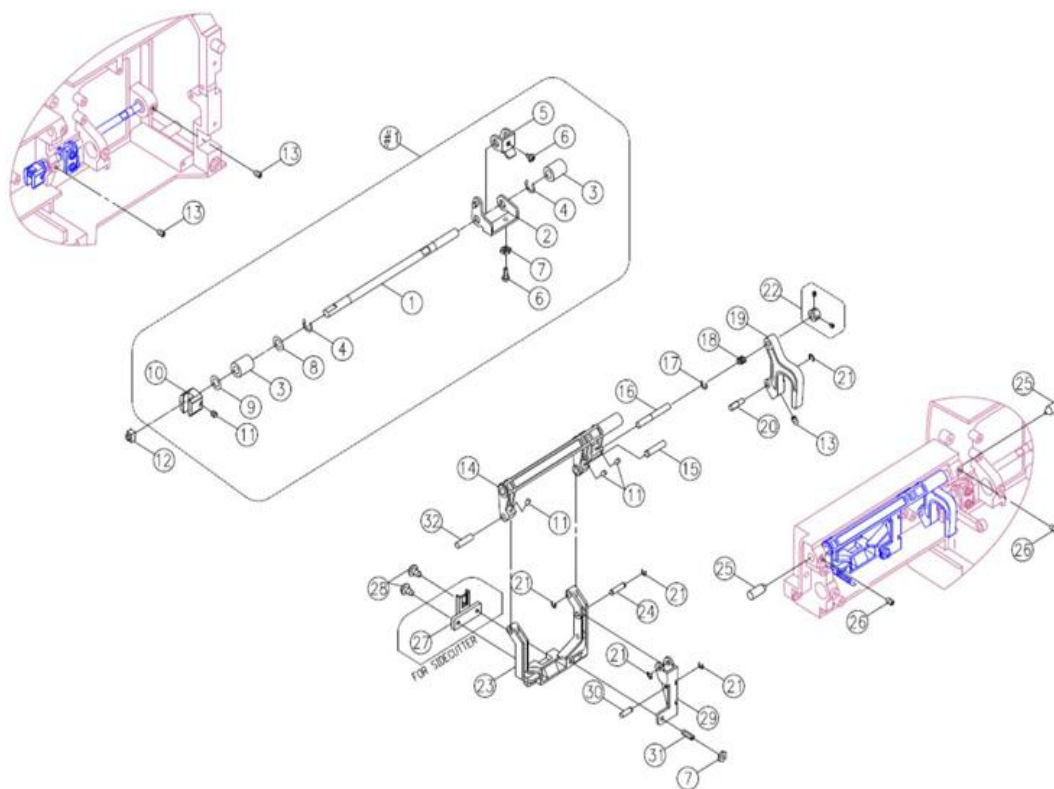
| P/No.    | Category No. | No. | Description                              |
|----------|--------------|-----|------------------------------------------|
|          | 5            | 1   | PRESSER BAR                              |
|          | 5            | 2   | PRESSER BAR BRACKET                      |
|          | 5            | 3   | SCREW (M6×5 C)                           |
|          | 5            | 4   | TENSION LEVER LIFTER SPRING              |
|          | 5            | 5   | TENSION LEVER LIFTER                     |
|          | 5            | 6   | PRESSER BAR SPRING                       |
|          | 5            | 7   | SHANK COMPLETE                           |
| 40151605 | 5            | 8   | SCREW (9/64×40×7)                        |
| 40151606 | 5            | 9   | PRESSER BAR REGULATING SCREW             |
| 40151600 | 5            | 10  | ALL PURPOSE FOOT ( C )                   |
|          | 5            | 11  | NEEDLE BAR SUPPORTER                     |
|          | 5            | 12  | NEEDLE BAR SUPPORTER PIN                 |
|          | 5            | 13  | RING (BETW-5)                            |
|          | 5            | 14  | NEEDLE BAR SUPPORTER PIN COLLAR          |
|          | 5            | 15  | SCREW (M3×3 C)                           |
|          | 5            | 16  | NEEDLE BAR                               |
|          | 5            | 17  | AUTO THREADED STOPPER                    |
|          | 5            | 18  | SCREW (M3×8 A)                           |
|          | 5            | 19  | TENSION LEVER LIFTER SPRING              |
|          | 5            | 20  | NEEDLE PLATE BRACKET (1)                 |
|          | 5            | 21  | NEEDLE PLATE BRACKET (2)                 |
|          | 5            | 22  | SCREW (M4×4 C)                           |
|          | 5            | 23  | NEEDLE BAR CRANK ROD                     |
|          | 5            | 24  | NEEDLE CLAMP                             |
|          | 5            | 25  | NEEDLE CLAMP SCREW (9/64×40)             |
|          | 5            | 26  | NEEDLE GUIDE PLATE                       |
|          | 5            | 27  | NEEDLE BAR THREAD GUIDE                  |
|          | 5            | 28  | SCREW (3/32×56×4.1)                      |
|          | 5            | 29  | NEEDLE                                   |
|          | 5            | 30  | SCREW (9/64×40×7)                        |
|          | 5            | 31  | NEEDLE BAR SUPPORTER SCREW               |
|          | 5            | 32  | AUTO THREADED SHAFT                      |
|          | 5            | 33  | SPRING PIN (Ø 2×14)                      |
|          | 5            | 34  | SPRING PIN (Ø2×6 T=0.4)                  |
|          | 5            | 35  | AUTO THREADED SHAFT SPRING               |
|          | 5            | 36  | AUTO THREADED LEVER                      |
| 40151607 | 5            | 37  | AUTO THREADED                            |
|          | 5            | 38  | AUTO THREADED LEVER SPRING               |
|          | 5            | 39  | SET SCREW (M4×5 C )                      |
|          | 5            | 40  | NEEDLE BAR DRIVING ROD                   |
|          | 5            | 41  | ZIGZAG WIDTH ROD                         |
|          | 5            | 42  | E-RING (ETW-3)                           |
|          | 5            | 43  | SPRING                                   |
|          | 5            | 44  | NEEDLE BAR DRIVING ROD PIN               |
|          | 5            | 45  | NEEDLE BAR DRIVING ROD SPRING PLATE      |
|          | 5            | 46  | SCREW (M3×5A)                            |
|          | 5            | 47  | FINGER PROTECTOR                         |
|          | 5            | #1  | PRESSER BAR BRACKET COMPLETE             |
| 40151601 | 5            | #2  | NEEDLE CLAMP COMPLETE                    |
|          | 5            | #3  | AUTO THREADED SHAFT COMPLETE             |
|          | 5            | #4  | NEEDLE BAR SUPPORTER PIN COLLAR COMPLETE |
|          | 5            | #5  | NEEDLE BAR DRIVING ROD COMPLETE          |



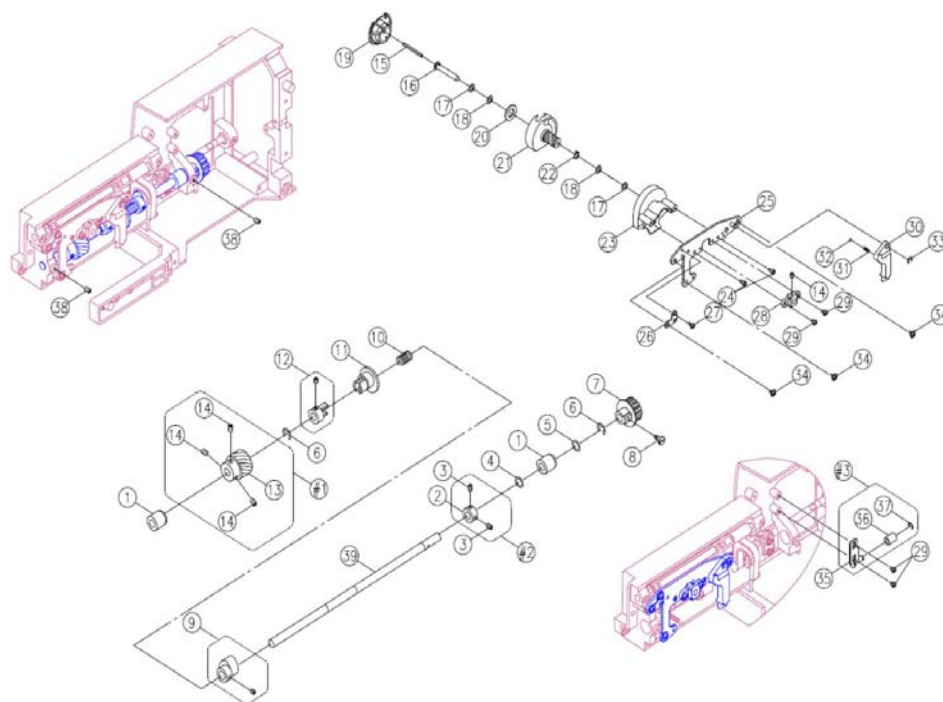
| P/No.    | Category No. | No. | Description                        |
|----------|--------------|-----|------------------------------------|
|          | 6            | 1   | DIAL TENSION CRANK                 |
|          | 6            | 2   | SHANK COMPLETE SET SCREW           |
|          | 6            | 3   | DIAL TENSION SUPPORTER PLATE COVER |
|          | 6            | 4   | DIAL TENSION KNOB                  |
|          | 6            | 5   | WASHER(3.2×10.5×0.5)               |
|          | 6            | 6   | SET SCREW (M3×6 A)                 |
|          | 6            | 7   | THREAD SPRING STOPPER              |
|          | 6            | 8   | THREAD GUIDE PIN                   |
|          | 6            | 9   | SET SCREW (M3×6B)                  |
|          | 6            | 10  | SET SCREW (M4)                     |
|          | 6            | 11  | WASHER( $\phi$ 4.1× $\phi$ 8×1)    |
|          | 6            | 12  | DIAL TENSION SPRING                |
|          | 6            | 13  | THREAD GUIDE ROLLER SUPPORTER      |
|          | 6            | 14  | SET SCREW (M3×6)                   |
|          | 6            | 15  | THREAD GUIDE ROLLER                |
|          | 6            | 16  | THREAD GUIDE ROLLER PIN            |
|          | 6            | 17  | DIAL TENSION SUPPORTER PLATE       |
|          | 6            | 18  | DIAL TENSION GUIDE SPRING TUBE     |
|          | 6            | 19  | DIAL TENSION WAFT PLATE            |
|          | 6            | 20  | E-RING (ETW-4)                     |
|          | 6            | 21  | DIAL TENSION SET SPRING            |
|          | 6            | 22  | DIAL TENSION SET PLATE             |
|          | 6            | 23  | DIAL TENSION DISK PLATE            |
|          | 6            | 24  | DIAL TENSION DISC (LEFT)           |
|          | 6            | 25  | DIAL TENSION DISC (RIGHT)          |
|          | 6            | 26  | DIAL TENSION SPRING REGULATOR      |
|          | 6            | 27  | DIAL TENSION SPRING PIN            |
|          | 6            | 28  | DIAL TENSION REGULATE NUT          |
|          | 6            | 29  | THREAD GUIDE SPRING                |
|          | 6            | 30  | SET SCREW (M4×25 B)                |
|          | 6            | 31  | SET SCREW (M4×6 B)                 |
|          | 6            | 32  | ROTARY HOOK PLATE (2)              |
|          | 6            | 33  | ROTARY HOOK PLATE SPRING (2)       |
|          | 6            | 34  | ROTARY HOOK PLATE SPRING (1)       |
|          | 6            | 35  | SET SCREW (M2×2.5)                 |
|          | 6            | 36  | ROTARY HOOK PLATE (1)              |
| 40151595 | 6            | 37  | NEEDLE PLATE                       |
|          | 6            | 38  | NEEDLE PLATE COVER                 |
|          | 6            | 39  | NEEDLE PLATE COVER PLATE (2)       |
|          | 6            | 40  | SET SCREW (SM3/32×56 L=3)          |
|          | 6            | 41  | SET SCREW (SM3/32×56 L=5)          |
|          | 6            | 42  | NEEDLE PLATE COVER SPRING          |
|          | 6            | 43  | SET SCREW (M2.5×3)                 |
|          | 6            | 44  | NEEDLE PLATE SPRING                |
|          | 6            | 45  | NEEDLE PLATE COVER OPEN            |
| 40151596 | 6            | 46  | NEEDLE PLATE COVER                 |
| 40151597 | 6            | 47  | SET SCREW (M4×6)                   |



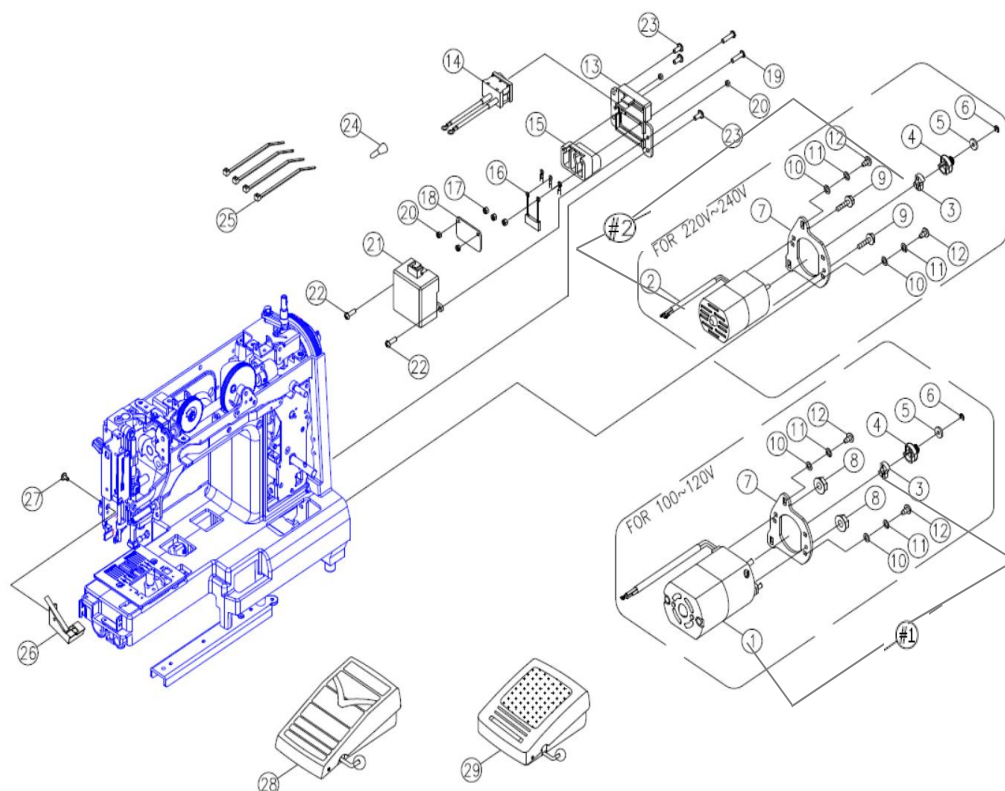
| P/No.    | Category No. | No. | Description                  |
|----------|--------------|-----|------------------------------|
|          | 7            | 1   | BH LEVER PLATE               |
|          | 7            | 2   | BH LEVER CRANK               |
|          | 7            | 3   | BH LEVER SPRING PLATE        |
|          | 7            | 4   | BH LEVER                     |
|          | 7            | 5   | PIN (Ø1.6×5)                 |
|          | 7            | 6   | BH LEVER PLATE SET SCREW     |
|          | 7            | 7   | BH POSITIONED PLATE          |
|          | 7            | 8   | BH POSITIONED PLATE          |
|          | 7            | 9   | SET SCREW (M4×6 B)           |
| 40151604 | 7            | 10  | BH LEVER BUTTON              |
|          | 7            | 11  | BH MOVEMENT CRANK            |
|          | 7            | 12  | SET SCREW (M3×3 C)           |
|          | 7            | 13  | LAMP FIXED BOARD             |
|          | 7            | 14  | LED BRACKET                  |
|          | 7            | 15  | SET SCREW (M3×5 B)           |
|          | 7            | 16  | SET SCREW (M4×5)             |
|          | 7            | 17  | SET SCREW (M4×8 A)           |
|          | 7            | 18  | BOBBIN WINDER FRAME          |
|          | 7            | 19  | SPRING PIN (φ 3×8×0.6)       |
|          | 7            | 20  | BOBBIN WINDER CRANK COMPLETE |
|          | 7            | 21  | BOBBIN WINDER CRANK SPRING   |
|          | 7            | 22  | E-RING (ETW-5)               |
|          | 7            | 23  | SPRING PIN (φ 3×6×0.6)       |
|          | 7            | 24  | FEED REGULATOR GEAR          |
|          | 7            | 25  | FEED REGULATOR DIAL          |
|          | 7            | 26  | WASHER (6.2×12×0.5)          |
|          | 7            | 27  | E-RING (ETW-4)               |
|          | 7            | 28  | FEED REGULATOR SET PLATE     |
|          | 7            | 29  | ZIGZAG WIDTH DIAL PLATE      |
|          | 7            | 30  | SPRING PIN(Ø3×10)            |
|          | 7            | 31  | WASHER(Ø 6.2×12×2.0X0.15)    |
|          | 7            | 32  | ZIGZAG WIDTH DIAL            |
|          | 7            | 33  | WASHER (4.2×9×0.5)           |
|          | 7            | 34  | SET SCREW (M4×10 B)          |
|          | 7            | 35  | ZIGZAG WIDTH CRANK           |
|          | 7            | 36  | E-RING (ETW-4)               |
|          | 7            | #1  | BOBBIN WINDER RUBBER PULLEY  |



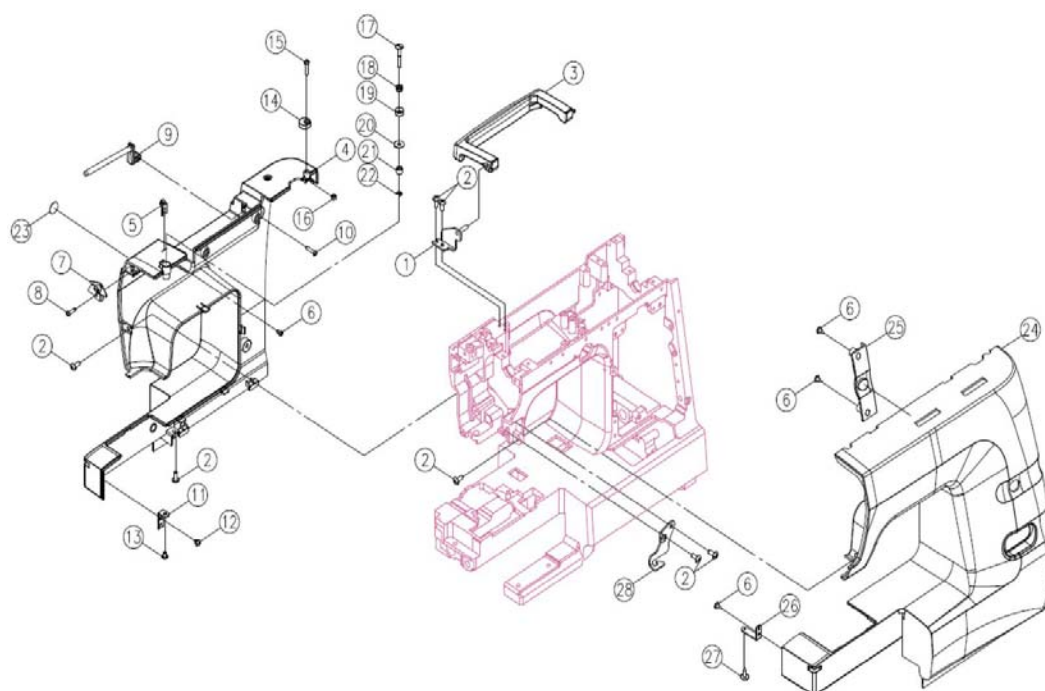
| P/No.    | Category No. | No. | Description                           |
|----------|--------------|-----|---------------------------------------|
|          | 8            | 1   | FEED REGULATING SHAFT                 |
|          | 8            | 2   | FEED REGULATING CRANK                 |
|          | 8            | 3   | FEED ROCK BUSHING                     |
|          | 8            | 4   | E-RING (ETW-5)                        |
|          | 8            | 5   | FEED CRANK                            |
|          | 8            | 6   | SET SCREW (M4×10 B)                   |
|          | 8            | 7   | ADJUSTING NUT(ALN-4)                  |
|          | 8            | 8   | WASHER (6.7×12×1)                     |
|          | 8            | 9   | ENDURE ATTRITION WASHER(6.7×11.8×0.5) |
|          | 8            | 10  | FEED REGULATING                       |
|          | 8            | 11  | SET SCREW (M4×4 C)                    |
|          | 8            | 12  | FEED REGULATING BLOCK                 |
|          | 8            | 13  | SET SCREW (M4×6 C)                    |
|          | 8            | 14  | FEED ROCK SHAFT                       |
|          | 8            | 15  | FEED ROCK FRAME SHAFT (1)             |
|          | 8            | 16  | FEED ROCK BUSHING PIN                 |
|          | 8            | 17  | E-RING (ETW-4)                        |
|          | 8            | 18  | FEED SHAFT SPRING                     |
|          | 8            | 19  | FEED ROCK CRANK                       |
|          | 8            | 20  | FEED ROCK CRANK PIN                   |
|          | 8            | 21  | E-RING (ETW-3)                        |
|          | 8            | 22  | FEED COCK SHAFT COLLAR COMPLETE       |
|          | 8            | 23  | FEED ROCK FRAME                       |
|          | 8            | 24  | FEED ROCK CRANK PIN                   |
|          | 8            | 25  | FEED CRANK SHAFT                      |
|          | 8            | 26  | SET SCREW (M4×5 C)                    |
| 40151610 | 8            | 27  | FEED DOG                              |
|          | 8            | 28  | SET SCREW (1/8×44×5)                  |
|          | 8            | 29  | FEED ROCK CRANK                       |
|          | 8            | 30  | FEED LIFTING ROCK CRANK (2)           |
|          | 8            | 31  | FEED BACK CRANK SCREW                 |
|          | 8            | 32  | FEED ROCK FRAME SHAFT (2)             |
|          | 8            | #1  | FEED REGULATING PLATE COMPLETE        |



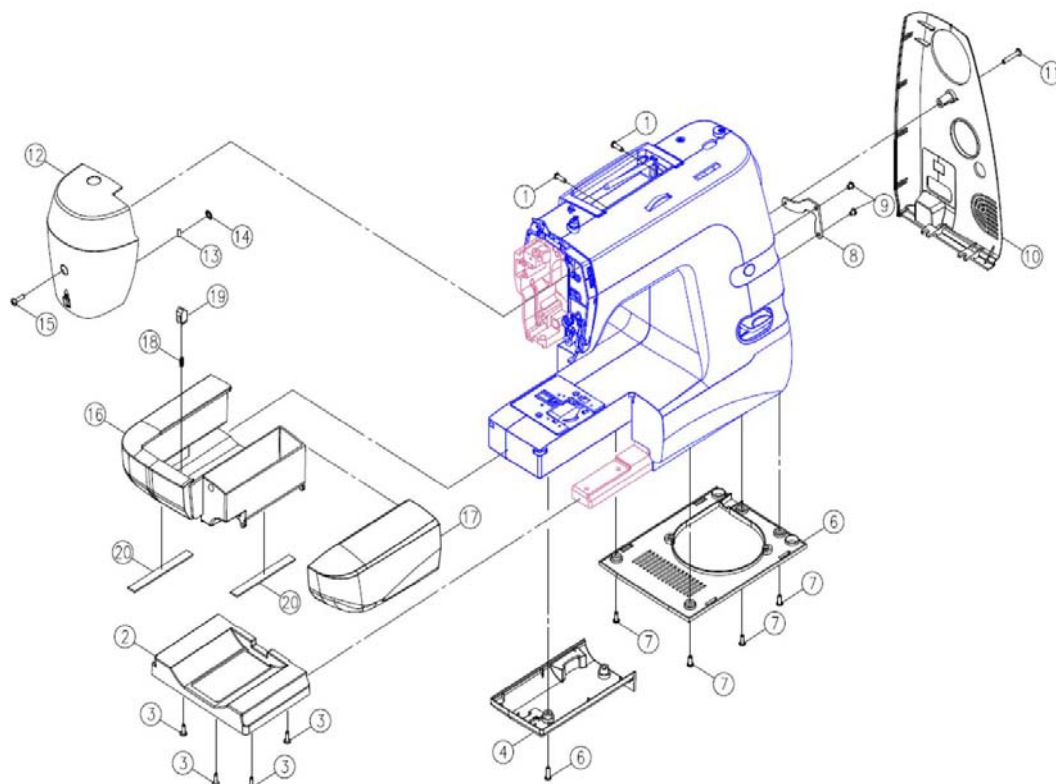
| P/No.    | Category No. | No. | Description                           |
|----------|--------------|-----|---------------------------------------|
|          | 9            | 1   | LOWER SHAFT BUSHING                   |
|          | 9            | 2   | LOWER SHAFT COLLAR                    |
|          | 9            | 3   | SET SCREW (M4×4C)                     |
|          | 9            | 4   | ENDURE ATTRITION WASHER (8.2×12×0.5)  |
|          | 9            | 5   | WASHER (8.2×12×0.5)                   |
|          | 9            | 6   | E-RING (ETW-6)                        |
|          | 9            | 7   | LOWER SHAFT BELT PULLEY               |
|          | 9            | 8   | SET SCREW (M3×14.5)                   |
|          | 9            | 9   | FEED ROCK CAM COMPLETE                |
|          | 9            | 10  | LOWER SHAFT SPRING                    |
|          | 9            | 11  | FEED LIFTING ROCK CAM                 |
|          | 9            | 12  | FEED LIFTING ROCK CAM COMPLETE        |
|          | 9            | 13  | LOWER SHAFT GEAR                      |
|          | 9            | 14  | SET SCREW (M4×5C)                     |
|          | 9            | 15  | BOBBIN SHAFT OIL CLOTH                |
|          | 9            | 16  | BOBBIN SHAFT                          |
|          | 9            | 17  | BOBBIN SHAFT WASHER (2)               |
|          | 9            | 18  | ENDURE ATTRITION WASHER (6.2×9.6×0.5) |
| 40151611 | 9            | 19  | SHUTTLE HOOK COMPLETE                 |
|          | 9            | 20  | MAGNET                                |
|          | 9            | 21  | SHUTTLE HOOK HOLDER COMPLETE          |
|          | 9            | 22  | BOBBIN SHAFT WASHER (3)               |
|          | 9            | 23  | SHUTTLE HOOK COVER                    |
|          | 9            | 24  | SET SCREW (M3×12)                     |
|          | 9            | 25  | ROTARY HOOK HOLDER                    |
|          | 9            | 26  | ROTARY HOOK HOLDER POSITIONED PLATE   |
|          | 9            | 27  | SET SCREW (M4×6 B)                    |
|          | 9            | 28  | ROTARY HOOK SUPPORTER                 |
|          | 9            | 29  | SET SCREW (M4×8 A)                    |
|          | 9            | 30  | FEED LIFTING SHAFT                    |
|          | 9            | 31  | FEED LIFTING SHAFT SPRING             |
|          | 9            | 32  | STEEL BALL                            |
|          | 9            | 33  | E-RING (ETW-4)                        |
|          | 9            | 34  | SET SCREW (M4×8)                      |
|          | 9            | 35  | BELT ADJUSTING PLATE                  |
|          | 9            | 36  | BELT ADJUSTING PLATE PULLEY           |
|          | 9            | 37  | E-RING (ETW-4)                        |
|          | 9            | 38  | SET SCREW (M4×6C)                     |
|          | 9            | 39  | LOWER SHAFT                           |
|          | 9            | #1  | LOWER SHAFT GEAR COMPLETE             |
|          | 9            | #2  | LOWER SHAFT COLLAR COMPLETE           |
|          | 9            | #3  | BELT ADJUSTING PLATE COMPLETE         |



| P/No.    | Category No. | No. | Description                 | 120V | 230V |
|----------|--------------|-----|-----------------------------|------|------|
|          | 10           | 1   | MOTOR COMPLETE (HF-07150)   | ○    |      |
|          | 10           | 2   | MOTOR COMPLETE (HF-07250)   |      | ○    |
| 40151615 | 10           | 3   | CUSHION RUBBER              | ○    | ○    |
|          | 10           | 4   | BELT WHEEL                  | ○    | ○    |
| 40151616 | 10           | 5   | MOTOR FEED REGULATOR COLLAR | ○    | ○    |
|          | 10           | 6   | E-RING (ETW-3)              | ○    | ○    |
|          | 10           | 7   | MOTOR BRACKET               |      |      |
|          | 10           | 8   | NUT (M4 T=5.5)              |      |      |
|          | 10           | 9   | SCREW (M4×10.2)             | ○    | ○    |
|          | 10           | 10  | WASHER (5.4×10×0.9)         |      |      |
|          | 10           | 11  | SPRING WASHER (5.2×9×1)     |      |      |
|          | 10           | 12  | SET SCREW (M5×12)           |      |      |
|          | 10           | 13  | RECEPTACLE HOLDER           |      |      |
|          | 10           | 14  | SWITCH ASSY                 |      |      |
|          | 10           | 15  | RECEPTACLE                  |      |      |
|          | 10           | 16  | CONDENSER                   |      |      |
|          | 10           | 17  | NUT (M3×4)                  |      |      |
|          | 10           | 18  | CONCERT INSULATION PLATE    |      |      |
|          | 10           | 19  | SET SCREW (M3×20 B)         |      |      |
|          | 10           | 20  | NUT (M3 T=2.3)              |      |      |
|          | 10           | 21  | RECEPTACLE HOLDER COVER     |      |      |
|          | 10           | 22  | SET SCREW (M3×8 B)          |      |      |
|          | 10           | 23  | SET SCREW (M4×10 A)         |      |      |
|          | 10           | 24  | END TERMED                  |      |      |
|          | 10           | 25  | CORD CLIP                   |      |      |
| 40151598 | 10           | 26  | LED HOLDER COMPLETE(120V)   | ○    |      |
| 40151599 | 10           |     | LED HOLDER COMPLETE(230V)   |      | ○    |
|          | 10           | 27  | SET SCREW (M3×5)            |      |      |
| 40151618 | 10           | 28  | FOOT CONTROLLER (KD-1902)   | ○    |      |
| 40151619 | 10           | 29  | FOOT CONTROLLER (KD-2902)   |      | ○    |
| 40150828 | 10           | #1  | MOTOR KIT(UL)               | ○    |      |
| 40150829 | 10           | #2  | MOTOR KIT(CE)               |      | ○    |

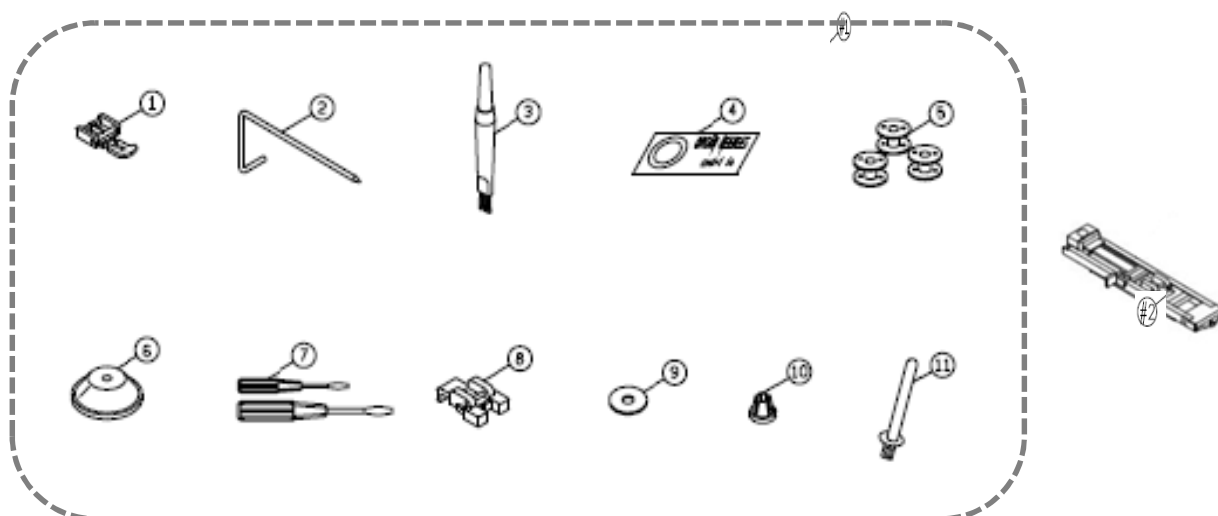


| P/No.    | Category No. | No. | Description                                |
|----------|--------------|-----|--------------------------------------------|
|          | 11           | 1   | HANDLE BRACKET COMPLETE                    |
|          | 11           | 2   | SCREW (M4×8 A)                             |
|          | 11           | 3   | HANDLE                                     |
|          | 11           | 4   | BACK COVER                                 |
|          | 11           | 5   | THREAD GUIDE                               |
|          | 11           | 6   | SCREW (M3×8.5)                             |
|          | 11           | 7   | THREAD GUIDE COMPLETE                      |
|          | 11           | 8   | SET SCREW (M3×12)                          |
| 40151620 | 11           | 9   | SPOOL ROD                                  |
|          | 11           | 10  | SET SCREW (M3×1.06 B)                      |
|          | 11           | 11  | ARM BACK COVER SET PLATE                   |
|          | 11           | 12  | SCREW (M3×6)                               |
|          | 11           | 13  | SCREW (M4×6 B)                             |
|          | 11           | 14  | BOBBIN WINDER STOPPER                      |
|          | 11           | 15  | SET SCREW ( 9/64X40X16 B)                  |
|          | 11           | 16  | NUT (9/64X40 T=3)                          |
|          | 11           | 17  | BOBBIN WINDER THREAD GUIDE ADJUSTING SCREW |
|          | 11           | 18  | BOBBIN WINDER THREAD GUIDE SPRING          |
|          | 11           | 19  | BOBBIN WINDER SPRING DISC                  |
|          | 11           | 20  | BOBBIN WINDER THREAD GUIDE                 |
|          | 11           | 21  | SPACER                                     |
|          | 11           | 22  | E-RING (ETW-3)                             |
|          | 11           | 23  | PLATE (1)                                  |
|          | 11           | 24  | FRONT COVER                                |
|          | 11           | 25  | PATTERN DISPLAY WINDOW                     |
|          | 11           | 26  | ARM FRONT COVER SET PLATE                  |
|          | 11           | 27  | SET SCREW (M3×12)                          |
|          | 11           | 28  | ARM TOP COVER THREAD GUIDE PLATE           |



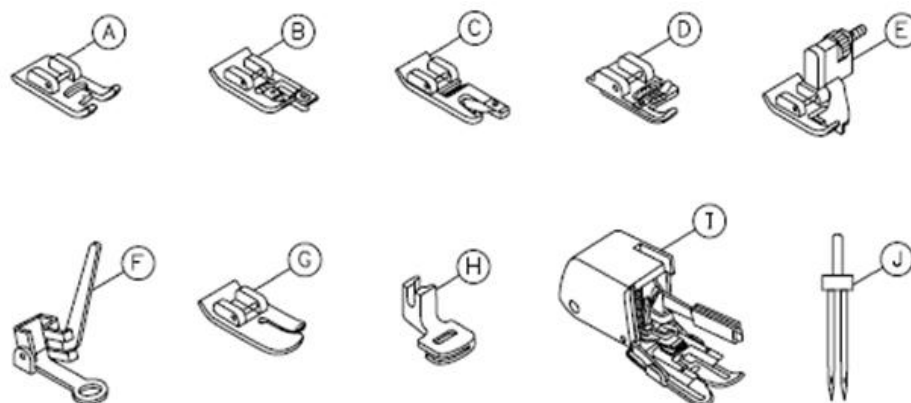
| P/No. | Category No. | No. | Description                    |
|-------|--------------|-----|--------------------------------|
|       | 12           | 1   | SCREW (M4×10 B)                |
|       | 12           | 2   | FREE ARM FOOT BUSH             |
|       | 12           | 3   | SCREW (M3×12)                  |
|       | 12           | 4   | FREE ARM BASE                  |
|       | 12           | 5   | SCREW (M4×15 B)                |
|       | 12           | 6   | CORD REEL COVER                |
|       | 12           | 7   | SCREW (M4×10 B)                |
|       | 12           | 8   | MOTOR DRIVE BELT COVER FRAME   |
|       | 12           | 9   | SCREW (M4×6 B)                 |
|       | 12           | 10  | MOTOR DRIVE BELT COVER         |
|       | 12           | 11  | SCREW (M4×0.7 L=25)            |
|       | 12           | 12  | FACE PLATE                     |
|       | 12           | 13  | THREAD CUTTER                  |
|       | 12           | 14  | CS RING (CSTW-5)               |
|       | 12           | 15  | SET SCREW (M4×12 A)            |
|       | 12           | 16  | SEWING TABLE BODY              |
|       | 12           | 17  | SEWING TABLE BODY COVER        |
|       | 12           | 18  | SEWING TABLE BODY GUIDE SPRING |
|       | 12           | 19  | SEWING TABLE BODY GUIDE        |
|       | 12           | 20  | SEWING TABLE BODY FELT         |

## STANDARD ACCESSORIES



| P/No.    | Category No. | No. | Description                  |
|----------|--------------|-----|------------------------------|
| 40151621 | 13           | #1  | ACCESSORIES KIT              |
| 40151622 | 13           | 1   | ZIPPER FOOT (I)              |
| 40151624 | 13           | 2   | QUILTING BAR                 |
| 40151625 | 13           | 3   | BRUSH & SEAM RIPPER COMPLETE |
| 40151626 | 13           | 4   | NEEDLES                      |
| 40151627 | 13           | 5   | BOBBIN                       |
| 40151628 | 13           | 6   | SPOOL HOLDER ( LARGE )       |
| 40151629 | 13           | 7   | SCREWDRIVER                  |
| 40151630 | 13           | 8   | BUTTON SEW-ON FOOT           |
| 40151631 | 13           | 9   | SPOOL PIN FELT               |
| 40151632 | 13           | 10  | SPOOL HOLDER ( SMALL )       |
| 40151633 | 13           | 11  | SECOND SPOOL PIN             |
|          | 13           | -   | ACCESSORY BAG (PRINTED)      |
| 40151623 | 13           | #2  | BUTTONHOLE FOOT              |

## OPTIONAL ACCESSORIES



| P/No.    | Category No. | No. | Description          |
|----------|--------------|-----|----------------------|
| 40145868 | 14           | A   | DECORATE STITCH FOOT |
| 40145869 | 14           | B   | OVERCASTING FOOT     |
| 40145870 | 14           | C   | ROLLED HEMMING FOOT  |
| 40145871 | 14           | D   | CORDING FOOT         |
| 40145872 | 14           | E   | BLIND HEM FOOT       |
| 40145873 | 14           | F   | QUILT FOOT           |
| 40145874 | 14           | G   | STRAIGHT STITCH FOOT |
| 40145875 | 14           | H   | GATHERING FOOT       |
| 40145876 | 14           | I   | WALKING FOOT         |
| 40145877 | 14           | J   | TWIN NEEDLE          |