

**PARTS CATALOGUE FOR**

**VX-1140 VX-1145 VX-1250**

**BS-2145 BS-2250**

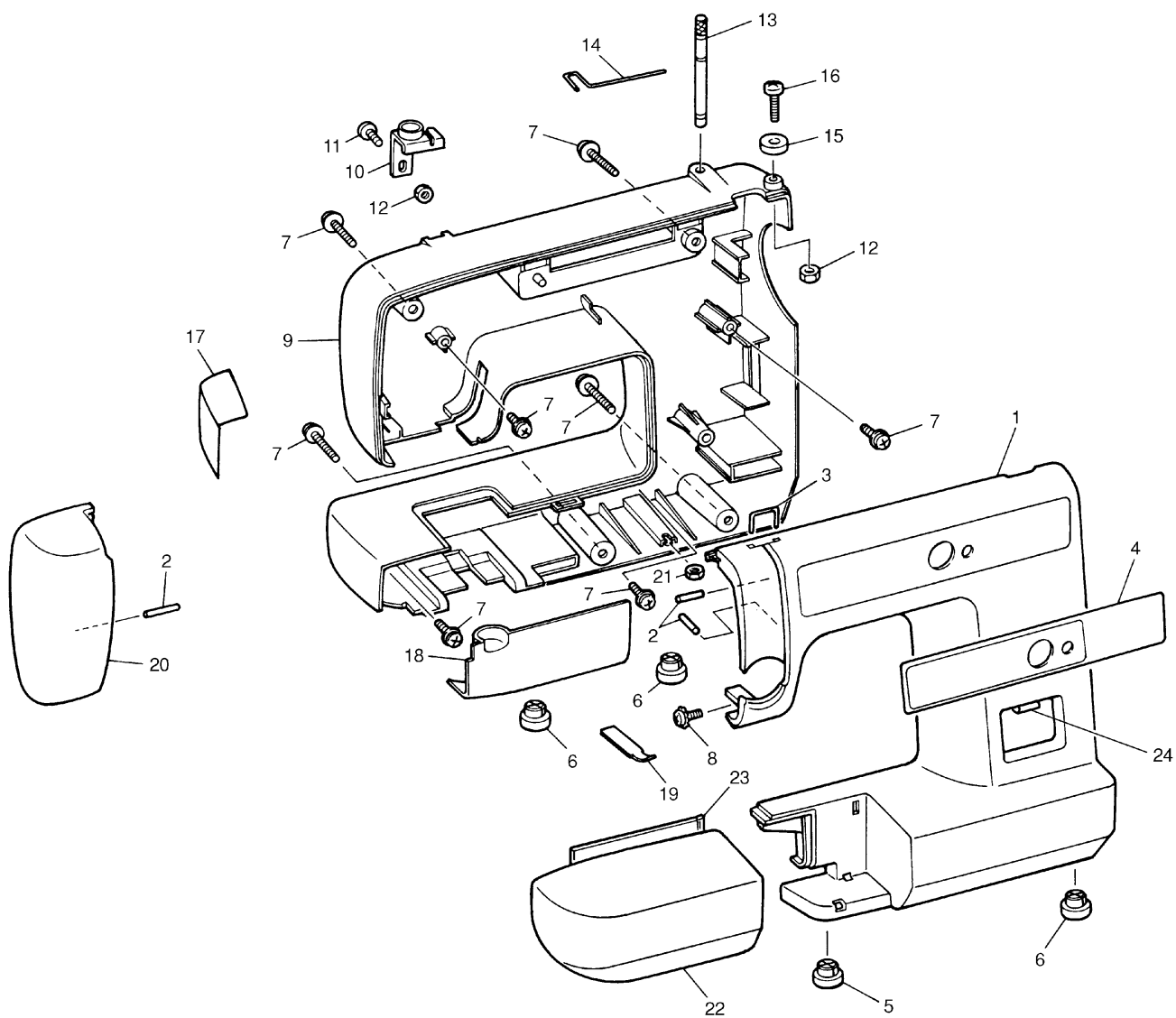
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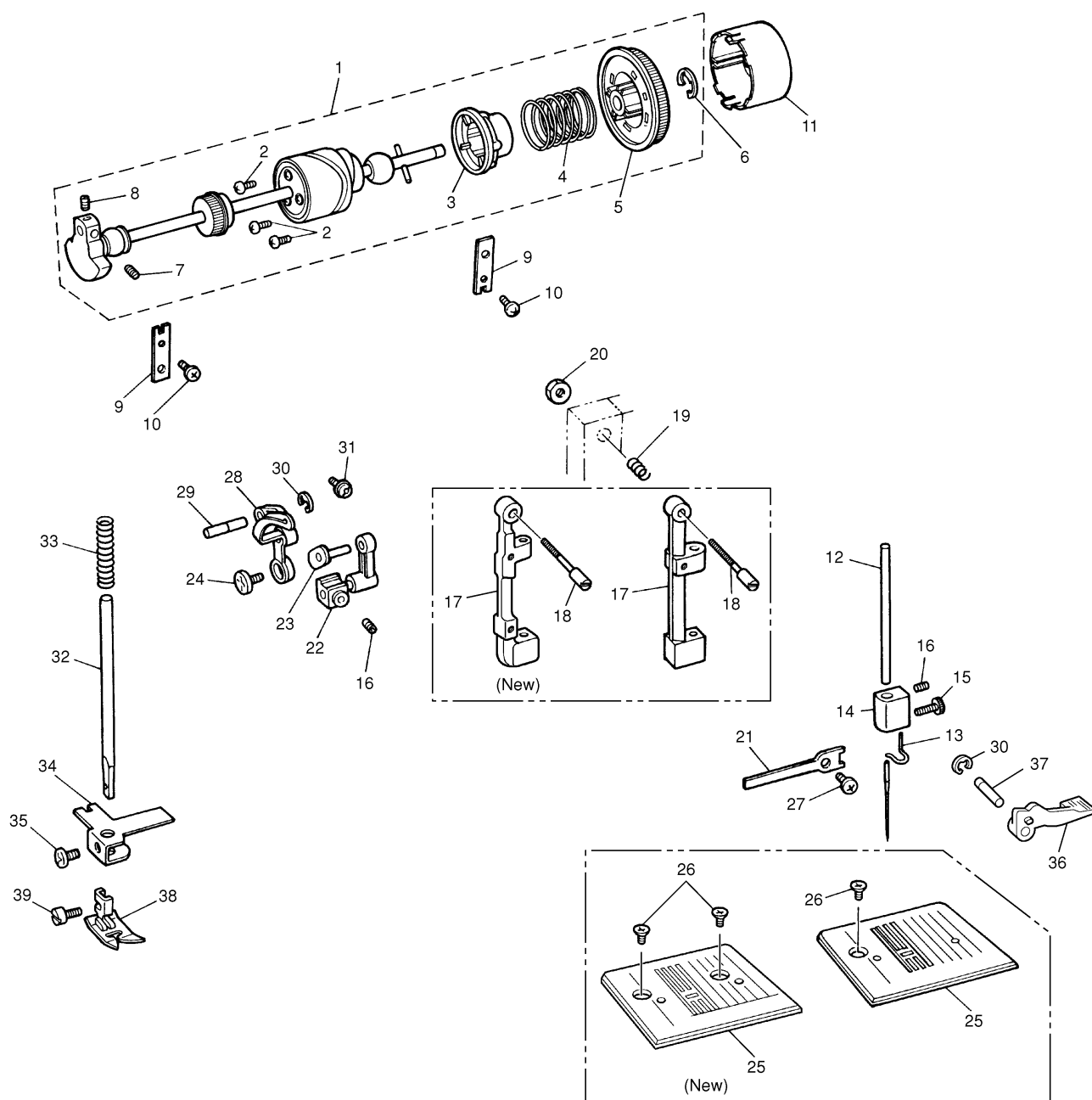
## (1) PRINCIPAL PARTS

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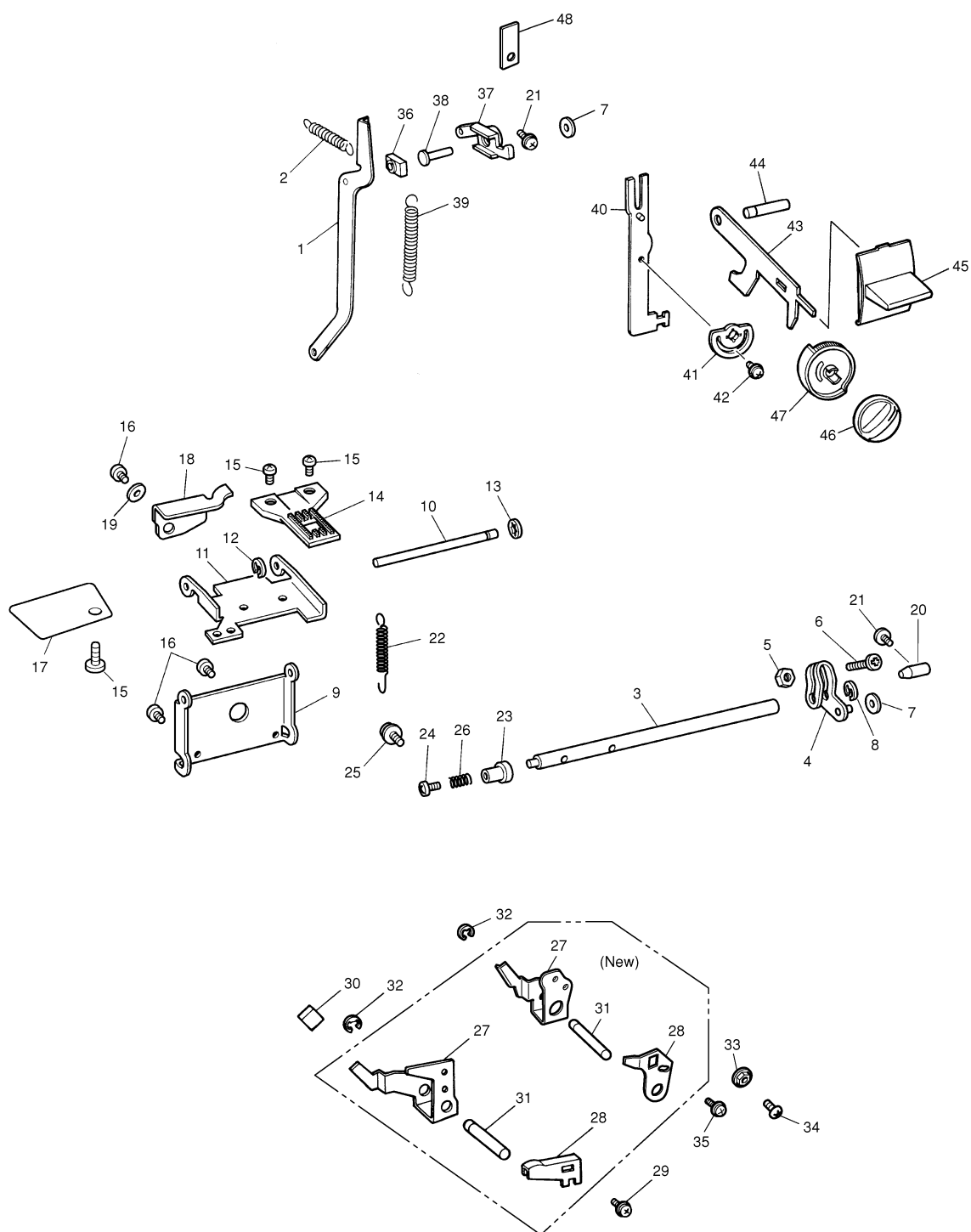
## (2) UPPER SHAFT AND NEEDLE BAR

| No. | CODE      | PARTS NAME                      | REMARKS |
|-----|-----------|---------------------------------|---------|
| 1   | XA0630421 | Upper shaft assembly            |         |
| 2   | 085301615 | Screw                           |         |
| 3   | XA0637120 | Clutch plate                    |         |
| 4   | XA0636020 | Clutch spring                   |         |
| 5   | XA0638120 | Timing wheel                    |         |
| 6   | 048080346 | Stop ring                       |         |
| 7   | X54013051 | Screw                           |         |
| 8   | 123006051 | Screw                           |         |
| 9   | X52478051 | Bushing presser                 |         |
| 10  | X57908051 | Screw                           |         |
| 11  | XA0639021 | Balance wheel                   |         |
| 12  | XA0641051 | Needle bar                      |         |
| 13  | XA0642120 | Needle bar thread guide         |         |
| 14  | XA0643151 | Needle clamp                    |         |
| 15  | XA0644051 | Needle clamp screw              |         |
| 16  | 012400432 | Screw                           |         |
| 17  | X57909251 | Needle bar supporter            |         |
|     | XA3476051 | Needle bar supporter (New)      |         |
| 18  | XA0645151 | Needle bar supporter stud       |         |
|     | XA3477051 | Needle bar supporter stud (New) |         |
| 19  | X54369021 | Spring                          |         |
| 20  | X56851051 | Locknut                         |         |
| 21  | XA6940051 | Needle bar supporter presser    |         |
| 22  | XA1289051 | Needle bar crank rod assembly   |         |
| 23  | XA1113051 | Needle bar crank                |         |
| 24  | 132051052 | Screw                           |         |
| 25  | XA0647251 | Zigzag needle plate             |         |
|     | XA3954051 | Zigzag needle plate (New)       |         |
| 26  | X50487051 | Screw                           |         |
| 27  | X57908051 | Screw                           |         |
| 28  | XA1112151 | Thread take-up lever assembly   |         |
| 29  | XA0648150 | Thread take-up lever stud       |         |
| 30  | 048050346 | Stop ring                       |         |
| 31  | XA0649051 | Screw                           |         |
| 32  | 128437050 | Presser bar                     |         |
| 33  | X55770051 | Presser bar spring              |         |
| 34  | XA0975051 | Presser bar guide bracket       |         |
| 35  | X52760021 | SET SCREW, PAN M6 x 12          | CHG     |
| 36  | XA2511151 | Presser foot lifter             |         |
| 37  | XA0977150 | Presser foot lifter stud        |         |
| 38  | 131046051 | Zigzag presser foot assembly    |         |
| 39  | 132730151 | Presser foot screw              |         |
|     |           |                                 |         |
|     |           |                                 |         |



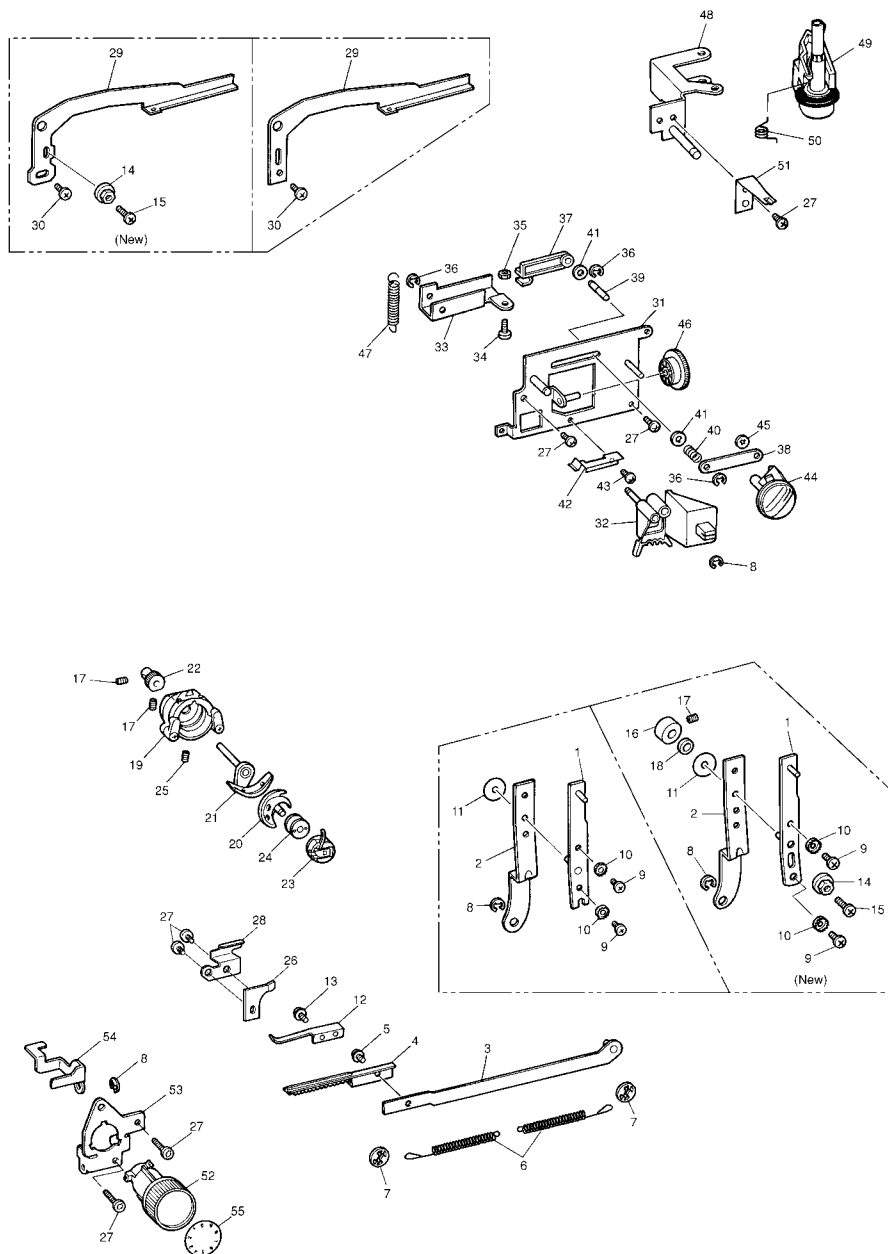
### (3) FEED MECHANISM

| No. | CODE      | PARTS NAME                     | REMARKS | No. | CODE      | PARTS NAME                 | REMARKS |
|-----|-----------|--------------------------------|---------|-----|-----------|----------------------------|---------|
| 1   | XA0978051 | Feed connecting rod            |         | 42  | 052300606 | Screw                      |         |
| 2   | XA0980021 | Spring                         |         | 43  | XA1003050 | Reverse sewing lever plate |         |
| 3   | XA0982020 | Horizontal feed shaft          |         | 44  | XA1004150 | Reverse sewing shaft       |         |
| 4   | XA0983151 | Horizontal feed shaft arm      |         | 45  | XA1308021 | Reverse sewing lever       |         |
| 5   | 021400205 | Nut                            |         | 46  | XA4781021 | Feed dial                  |         |
| 6   | 060401416 | Screw                          |         | 47  | XA1007020 | Feed regulator cam         |         |
| 7   | X53330050 | Washer                         |         | 48  | 137734051 | Stop plate                 |         |
| 8   | 048050346 | Stop ring                      |         |     |           |                            |         |
| 9   | XA0987021 | Horizontal feed plate          |         |     |           |                            |         |
| 10  | XA0988021 | Feed stand shaft               |         |     |           |                            |         |
| 11  | XA3960021 | Feed stand                     |         |     |           |                            |         |
| 12  | 048030346 | Stop ring                      |         |     |           |                            |         |
| 13  | 146200051 | Stop ring                      |         |     |           |                            |         |
| 14  | XA0990051 | Feed dog                       |         |     |           |                            |         |
| 15  | 060300416 | Screw                          |         |     |           |                            |         |
| 16  | 060400816 | Screw                          |         |     |           |                            |         |
| 17  | XA3474021 | Dust protect plate             |         |     |           |                            |         |
| 18  | XA4042120 | Feed stand support             |         |     |           |                            |         |
| 19  | 025040133 | Washer                         |         |     |           |                            |         |
| 20  | XA1082051 | Taper point Stud R             |         |     |           |                            |         |
| 21  | X57913051 | Screw                          |         |     |           |                            |         |
| 22  | XA0991021 | Spring                         |         |     |           |                            |         |
| 23  | X54391150 | Taper point stud L             |         |     |           |                            |         |
| 24  | 062400416 | Screw                          |         |     |           |                            |         |
| 25  | XA0649051 | Screw                          |         |     |           |                            |         |
| 26  | X56613021 | Spring                         |         |     |           |                            |         |
| 27  | XA0993021 | Vertical feed arm              |         |     |           |                            |         |
|     | XA3480021 | Vertical feed arm (New)        |         |     |           |                            |         |
| 28  | XA0994020 | Vertical feed adjuster         |         |     |           |                            |         |
|     | XA3481021 | Vertical feed adjuster (New)   |         |     |           |                            |         |
| 29  | 052300606 | Screw                          |         |     |           |                            |         |
| 30  | XA1077020 | Vertical arm                   |         |     |           |                            |         |
| 31  | XA0995051 | Vertical feed shaft            |         |     |           |                            |         |
|     | XA0995151 | Vertical feed shaft (New)      |         |     |           |                            |         |
| 32  | 048060346 | Stop ring                      |         |     |           |                            |         |
| 33  | X50559020 | ZIGZAG ADJUSTING NUT           | CHG     |     |           |                            |         |
| 34  | 062300806 | Screw                          |         |     |           |                            |         |
| 35  | 060400516 | Screw                          |         |     |           |                            |         |
| 36  | XA0030021 | FEED SQUARE BLOCK              | CHG     |     |           |                            |         |
| 37  | XA0996020 | FEED REGULATOR                 | CHG     |     |           |                            |         |
| 38  | XA0997020 | FEED REGULATOR SHAFT           | CHG     |     |           |                            |         |
| 39  | XA4675051 | Spring                         |         |     |           |                            |         |
| 40  | XA1000051 | Feed regulator plate           |         |     |           |                            |         |
| 41  | XA1002050 | Reverse sewing regulator shaft |         |     |           |                            |         |



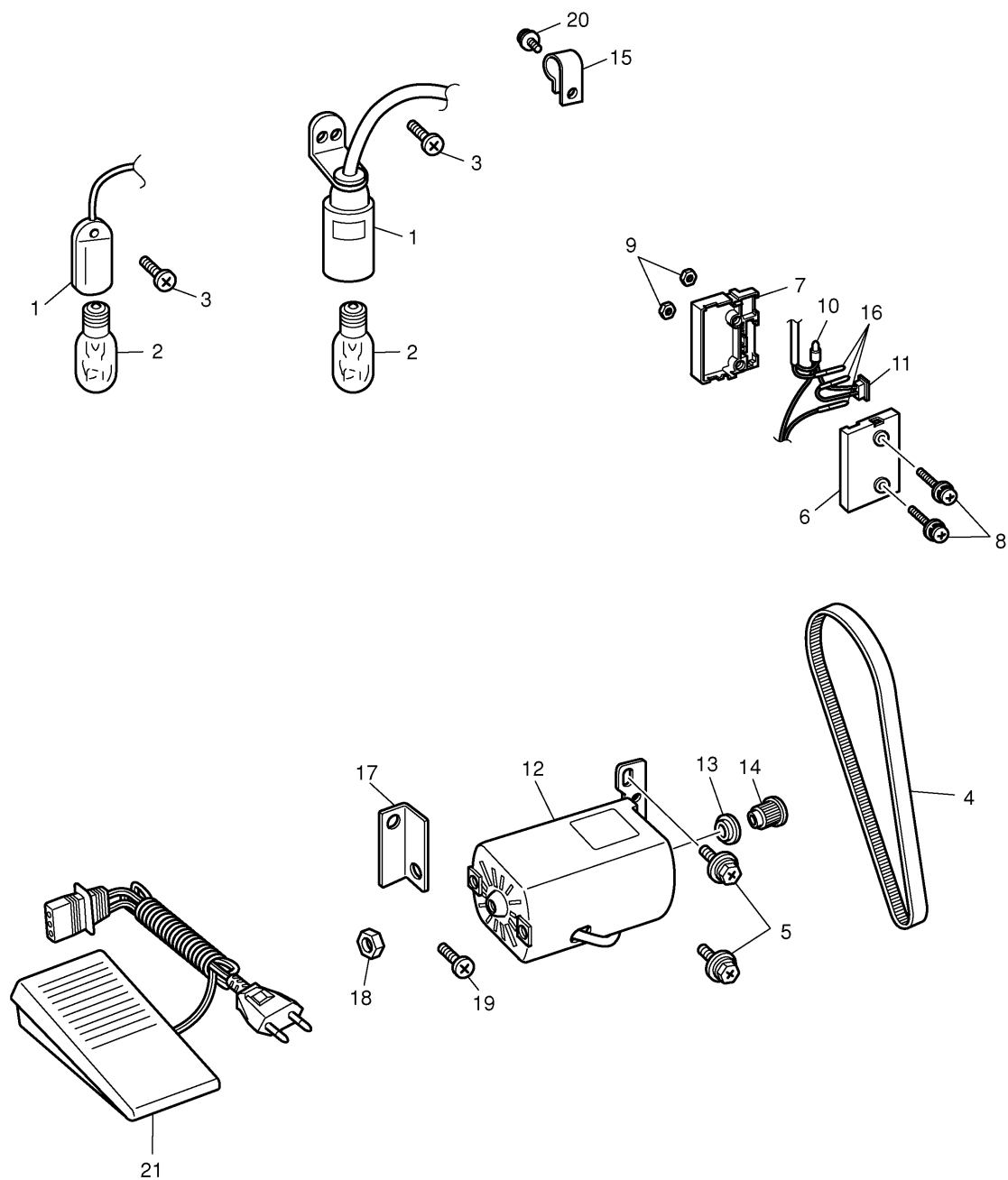
#### (4) PATTERN SELECTION, SHUTTLE HOOK AND UPPER TENSION

| No. | CODE      | PARTS NAME                                | REMARKS | No. | CODE      | PARTS NAME                            | REMARKS |
|-----|-----------|-------------------------------------------|---------|-----|-----------|---------------------------------------|---------|
| 1   | XA1008051 | Cam drive connecting rod A assembly       |         | 39  | XA1039050 | Connecting rod pin                    |         |
|     | XA4693151 | Cam drive connecting rod A assembly (New) |         | 40  | XA1040021 | Spring                                |         |
| 2   | XA1012051 | Cam drive connecting rod B                |         | 41  | 025040133 | Plain Washer                          |         |
|     | XA1012251 | Cam drive connecting rod B (New)          |         | 42  | XA1041121 | Notched spring                        |         |
| 3   | XA1014021 | Cam drive connecting rod C assembly       |         | 43  | 060300416 | Screw                                 |         |
| 4   | XA1017120 | Rack                                      |         | 44  | XA1313021 | Stitch width knob                     |         |
| 5   | 052300606 | Screw                                     |         | 45  | 138384021 | Stop ring                             |         |
| 6   | XA3439021 | Spring                                    |         | 46  | XA1043020 | Zigzag cam                            |         |
| 7   | 146200051 | Stop ring                                 |         | 47  | XA1044021 | Zigzag connecting rod spring          |         |
| 8   | 048040346 | Stop ring                                 |         | 48  | XA1046251 | Bobbin winder holder assembly         |         |
| 9   | 060400816 | Screw                                     |         | 49  | XA1049021 | Bobbin winder spindle assembly        |         |
| 10  | XA6909051 | Toothed washer                            |         | 50  | X59939021 | Bobbin winder spring                  |         |
| 11  | 131976020 | WASHER THRUST                             | CHG     | 51  | XA1050021 | Stitch length knob spring             |         |
| 12  | XA1019021 | Rack plate spring                         |         | 52  | XA1052021 | UPPER TENSION CONTROL DIAL            | CHG     |
| 13  | XA8290051 | SCREW 4 x 8                               | CHG     | 53  | XA1055021 | Upper tension control holder assembly |         |
| 14  | X50559050 | Nut                                       |         | 54  | XA1058021 | Upper tension control releasing lever |         |
| 15  | 062301006 | Screw                                     |         | 55  | XA1255121 | Upper tension control dial plate      |         |
| 16  | X52077151 | Collar                                    |         |     |           |                                       |         |
| 17  | 014400432 | Screw                                     |         |     |           |                                       |         |
| 18  | X53330050 | Washer                                    |         |     |           |                                       |         |
| 19  | XA1317051 | Shuttle race assembly                     |         |     |           |                                       |         |
| 20  | 128581053 | Shuttle hook                              |         |     |           |                                       |         |
| 21  | XA1021051 | Shuttle driver assembly                   |         |     |           |                                       |         |
| 22  | XA1025051 | Driver shaft gear                         |         |     |           |                                       |         |
| 23  | 128582053 | Bobbin case assembly                      |         |     |           |                                       |         |
| 24  | X52800150 | Bobbin                                    |         |     |           |                                       |         |
| 25  | 014400632 | Screw                                     |         |     |           |                                       |         |
| 26  | X57313151 | Rack stopper                              |         |     |           |                                       |         |
| 27  | X57908051 | Screw                                     |         |     |           |                                       |         |
| 28  | XA5702021 | Rack stopper A                            |         |     |           |                                       |         |
| 29  | XA1026051 | Zigzag connecting rod                     |         |     |           |                                       |         |
|     | XA3726051 | Zigzag connecting rod (New)               |         |     |           |                                       |         |
| 30  | 053400806 | Screw                                     |         |     |           |                                       |         |
| 31  | XA1028021 | Zigzag base assembly                      |         |     |           |                                       |         |
| 32  | XA1311021 | Needle position selector assembly         |         |     |           |                                       |         |
| 33  | XA1036021 | Zigzag link                               |         |     |           |                                       |         |
| 34  | X57953051 | Screw                                     |         |     |           |                                       |         |
| 35  | X56960021 | NUT 4                                     | CHG     |     |           |                                       |         |
| 36  | 048030346 | Stop ring                                 |         |     |           |                                       |         |
| 37  | XA1037020 | Zigzag adjuster connecting rod A          |         |     |           |                                       |         |
| 38  | XA1038051 | Zigzag adjuster connecting rod B          |         |     |           |                                       |         |



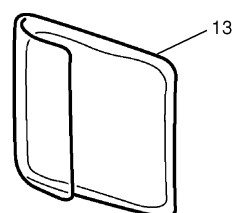
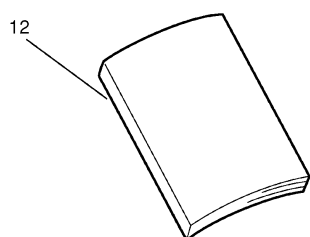
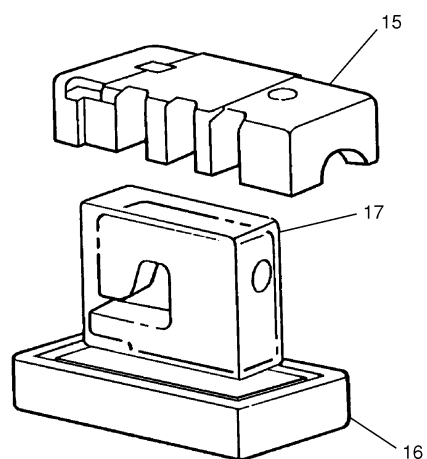
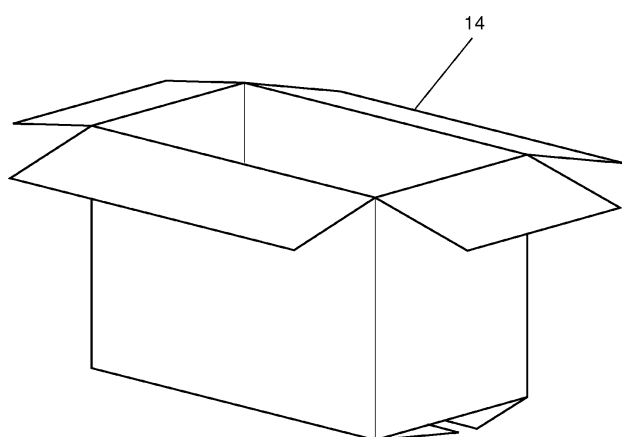
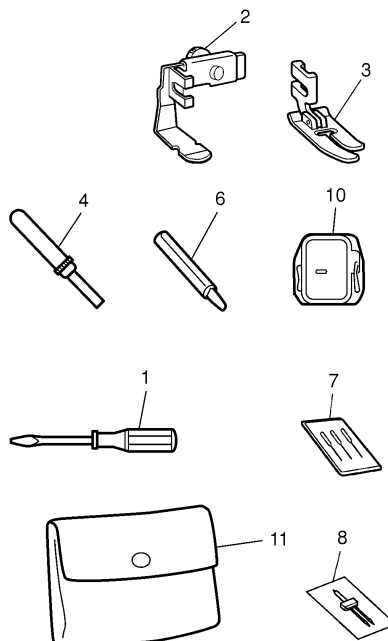
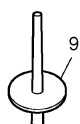
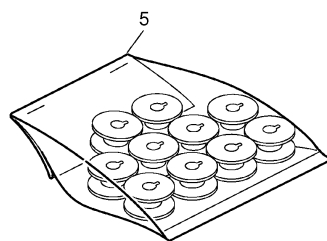
## (5) LAMP AND MOTOR

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## (6) ACCESSORY

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VX1140 VX1145 VX1250  
BS2145 BS2250