

| Part Number   | KEMX W/EMX CONTROL<br>Machine S/N Includes DF | 2020 List<br>Price | Exchange<br>Part# | 2020<br>Exchange<br>Price | NOTES  |
|---------------|---|--------------------|-------------------|---------------------------|--|
| 21824-10-10PK | OBSOLETE SEE 21830-10-10PK                    | \$16               | N/A               | N/A                       | N/A  |
| 21824-8-10PK  | 10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-8A        | \$16               | N/A               | N/A                       | N/A  |
| 20924         | HI-LOW SHIFT CLUTCH SUB-ASSY (4VK-A2)         | N/A                | N/A               | N/A                       | K2/K3  |
| CC051         | ADAPTER-RAM                                   | \$541              | N/A               | N/A                       | KEMX ONLY  |
| 22581-1       | AIR GUN ASSY ONLY -TORQUE RITE POWER DRA      | \$801              | 22581-1R          | \$474                     | N/A  |
| 15622         | BACK COVER                                    | \$10               | N/A               | N/A                       | N/A  |
| 15608-48      | BALLSCREW MX 48" ENGLISH                      | \$1,164            | N/A               | N/A                       | N/A  |
| 26032-12      | BALLSCREW Y-AXIS                              | \$474              | N/A               | N/A                       | Y-AXIS, WHEN THESE ARE OUT OF STOCK, ORDER PART # 15609-12 |
| 26032-16      | BALLSCREW Y-AXIS                              | \$474              | N/A               | N/A                       | N/A  |
| 15612         | BEARING HOUSING ASSY - X AXIS left side       | \$98               | N/A               | N/A                       |  |
| 15980         | BEARING HOUSING ASSY-LARGE FLANGE-Y AXIS      | \$98               | N/A               | N/A                       | Y AXIS   |
| 23930         | BEARING SET (2) ANGULAR CONTACT 7204 BEC      | \$222              | N/A               | N/A                       | Set of 2 for X axis  |
| 22008         | BEARING-204KTT                                | \$91               | N/A               | N/A                       | Used on right side of the table.                           |
| 400-5M-15     | BELT - TIMING 5MM POWERGRIP                   | \$101              | N/A               | N/A                       | Z AXIS   |
| 890-5M-15     | BELT - TIMING 5MM POWERGRIP (Y AXIS)          | \$75               | N/A               | N/A                       | Y-AXIS   |
| 15621         | BRACKET - X DRIVE HOUSING                     | \$185              | N/A               | N/A                       | X AXIS   |
| 20586-1       | BRACKET ASSY-Z AXIS-EASSON GLASS SCALE        | \$222              | N/A               | N/A                       | FOR EASSON GLASS SCALE                                     |
| 20623         | BRACKET-SPORT 40 DEGR-X AXIS                  | \$185              | N/A               | N/A                       | N/A  |
| VS49          | BRAKE SPRING -see also 24055                  | \$10               | N/A               | N/A                       | ORDER 2, SEE ALSO 24055                                    |
| 25600         | BRUSH KIT-AO SMITH AND MAGNATEK MOTORS        | \$159              | N/A               | N/A                       | Approx 1/4 inch thick brush                                |
| 25300         | BRUSH KIT-HATHAWAY/EMOTEK/ MOTORS             | \$112              | N/A               | N/A                       | Approx 1/8 inch thick brush x .370"                        |
| 25610         | BRUSH KIT-SPECIALITY MOTORS                   | \$112              | N/A               | N/A                       | N/A  |
| 22608         | CABLE ASSY-POWER 10 FT                        | \$16               | N/A               | N/A                       | N/A  |
| 24973         | CHIP GUARD SET                                | \$215              | N/A               | N/A                       | N/A  |
| CC083         | 10 PACK-FUSE-3AG-SLOW BLOW-5AMP               | N/A                | N/A               | N/A                       | KEMX ONLY - ORDER 24973                                    |
| CC082         | 10 PACK-FUSE-3AG-SLOW BLOW-5AMP               | N/A                | N/A               | N/A                       | KEMX ONLY - ORDER 24973                                    |
| CC081         | 10 PACK-FUSE-3AG-SLOW BLOW-5AMP               | N/A                | N/A               | N/A                       | KEMX ONLY - ORDER 24973                                    |
| 26053-1       | COMPUTER MODULE-IMX/EMX                       | \$3,492            | 26053-1R          | N/A                       | REPLACE ENTIRE PENDANT                                     |
| 23436         | CONTACTOR-4 POLE                              | \$193              | N/A               | N/A                       | N/A  |
| 20621         | COVER-SPORT 40 DEGREE                         | \$38               | N/A               | N/A                       | N/A  |
| CC070         | CRANK-ELEVATING                               | \$75               | N/A               | N/A                       | KEMX ONLY  |
| 15627-2       | DIAL HOLDER                                   | \$23               | N/A               | N/A                       | Y AXIS   |
| 15836         | DIAL NUT                                      | \$16               | N/A               | N/A                       | N/A  |
| 20676         | ELECTRICAL ENCLOSURE                          | \$730              | 20676R            | \$437                     | USED FOR 220/440 VOLTS                                     |
| 26054-1       | ENCLOSURE ASSY-PROTOTRAK EMX                  | \$1,816            | 26054-1R          | N/A                       | N/A  |
| 15181         | EXTENSION ASSY 1"                             | \$49               | N/A               | N/A                       | N/A  |
| 20779-5       | FEED REVERSE CLUTCH SUB-ASSY (3VK-B5)         | \$179              | N/A               | N/A                       | N/A  |
| 16350         | FERRULE-SPROCKET                              | \$10               | N/A               | N/A                       | N/A  |
| 22607         | FILTER/REGULATOR-PT4                          | \$126              | N/A               | N/A                       | N/A  |
| 15624         | FRONT COVER                                   | \$38               | N/A               | N/A                       | N/A  |

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| CC042       | GIB-KNEE                                      | \$112              | N/A               | N/A                       | KEMX ONLY                              |
| CC007       | GIB-RAM/TURRET                                | \$112              | N/A               | N/A                       | KEMX ONLY                              |
| CC019       | GIB-SADDLE                                    | \$112              | N/A               | N/A                       | KEMX ONLY                              |
| CC020       | GIB-TABLE                                     | \$112              | N/A               | N/A                       | KEMX ONLY                              |
| 20870       | HALOGEN LIGHT BULB 12V ( MILLS)               | \$16               | N/A               | N/A                       | N/A                                    |
| 9001        | HAND OILER                                    | \$120              | N/A               | N/A                       | N/A                                    |
| CC071       | HANDLE  | \$16               | N/A               | N/A                       | KEMX ONLY                              |
| 20852       | HANDLE - TABLE LOCK HANDLE                    | \$38               | N/A               | N/A                       | N/A                                    |
| 25729       | HANDLE REPLACEMENT KIT, FOLD AWAY             | \$113              | N/A               | N/A                       | REPLACES 30922                         |
| 15616       | HANDWHEEL ASSY (X & Y AXIS)                   | \$259              | N/A               | N/A                       | X & Y AXIS                             |
| 20667       | LAMP - WORK LAMP KIT                          | \$382              | N/A               | N/A                       | N/A                                    |
| 21157-1     | LUBRICATION PUMP ASSY 110V                    | \$512              | 21157-1R          | \$419                     | N/A                                    |
| 20296       | MOTOR ASSY-4020                               | \$1,383            | 20296R            | \$1,127                   | X, Y and Z Motor                       |
| 24489       | MOTOR W/OUT SERVO - 4020-20296                | \$836              | 24489R            | \$764                     | PART OF 20296 Y-AXIS                   |
| 16452       | NUT CLAMP Z-AXIS                              | \$32               | N/A               | N/A                       | X & Y AXIS                             |
| 22581-5     | OILER FOR POWER DRAWBAR (replaces 22773)      | \$57               | N/A               | N/A                       | REPLACES 22773                         |
| 27284       | PAINT KIT - TOUCH UP                          | \$98               | N/A               | N/A                       | N/A                                    |
| 26015-1     | PENDANT ASSY-MILL-EMX                         | \$5,081            | 26015-1R          | \$983                     | N/A                                    |
| 26015-2     | 10 PACK - FUSE-3AG-SLOW BLOW-1 AMP            | N/A                | N/A               | N/A                       | IMX PENDANTS WILL BE REPLACED WITH EMX |
| 16983-1     | PULLEY-SOLID 44 TEETH -5M HTD                 | \$149              | N/A               | N/A                       | X & Z AXIS                             |
| 23265       | PUMP COOLANT 1/8 HP                           | \$437              | N/A               | N/A                       | N/A                                    |
| 23435       | RELAY-POWER-100-120VAC-DPDT (latch in gr      | \$27               | N/A               | N/A                       | N/A                                    |
| 22595       | OBSOLETE USE 22595-1                          | \$25               | N/A               | N/A                       | N/A                                    |
| 20142       | RSG HOLDER, KIT                               | \$38               | N/A               | N/A                       | N/A                                    |
| CC009       | SCREW-GIB ADJUSTING (RAM LOCK STUD)           | \$25               | N/A               | N/A                       | KEMX ONLY                              |
| 15626       | SEAL  | \$10               | N/A               | N/A                       | USED WITH 15980 AND 15612              |
| 24101-4     | SERVO DRIVER SERIES 3-4020                    | \$801              | 24101-4R          | \$693                     | X & Y AXIS, replaces 20201 and 20201R  |
| 23141       | SHEET METAL-PT4-COOLANT MOTOR COVER ASSY      | \$54               | N/A               | N/A                       | REPLACES 20675                         |
| 25701       | SHIELD-SPLASH-3 PACK                          | \$117              | N/A               | N/A                       | N/A                                    |
| TR-220      | SOCKET-TORQUE RITE AIR GUN                    | \$77               | N/A               | N/A                       | N/A                                    |
| 22604       | SPACER - Use w/orig drawbar - 22605 only      | \$10               | N/A               | N/A                       |  |
| 27007       | SPACER-DRAWBAR                                | \$10               | N/A               | N/A                       | INCLUDED WITH 26987 DRAWBAR            |
| CC017       | SPIDER  | \$104              | N/A               | N/A                       | KEMX ONLY                              |
| SHIELD/BASE | SPLASH SHIELD AND MAGNETIC BASE               | \$95               | N/A               | N/A                       | N/A                                    |
| P-TRAK RSG  | TRAK REMOTE STOP/GO SWITCH                    | \$237              | N/A               | N/A                       | SEE 20142 FOR HOLDER                   |
| 20599-2     | SWITCH ASSY-K2/K3/K4 FOR/REV                  | \$236              | 20599-2R          | \$179                     | CABLE INCLUDED                         |
| 22581-2     | SWITCH-CONTROL HEAD-TORQUE RITE               | \$366              | N/A               | N/A                       | N/A                                    |
| 26039       | SWITCH-E-STOP-PUSH BUTTON                     | \$112              | N/A               | N/A                       | N/A                                    |
| 15614       | TAB WASHER                                    | \$10               | N/A               | N/A                       |  |
| 16533       | VERNIER DIAL DPM X-AXIS                       | \$38               | N/A               | N/A                       | N/A                                    |
| 20871       | WAY COVER BACK KNEE FLAT K3 & K4              | \$83               | N/A               | N/A                       | N/A                                    |

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| 20872             | WAY COVER FRONT KNEE ACCORD K3 & K4           | \$83               | N/A               | N/A                       | N/A                                |
| CC022             | WIPER-IRON FELT                               | \$16               | N/A               | N/A                       | KEMX ONLY                          |
| CC023             | WIPER-RUBBER FELT                             | \$16               | N/A               | N/A                       | KEMX ONLY                          |
| <b>Head Parts</b> |   |                    |                   |                           |                                    |
| VS13-1            | 6206 WAVE WASHER                              | \$10               | N/A               | N/A                       | N/A                                |
| VS5               | ADJ MOTOR VARIDISC ASS (w/VS6-1 KEY)          | \$257              | N/A               | N/A                       | N/A                                |
| VS43              | BEARING - (SEE 24564)                         | \$98               | N/A               | N/A                       | N/A                                |
| 24564             | BEARING HOUSING ASSY-K2/K3                    | \$126              | N/A               | N/A                       | INCLUDES VS42, VS43                |
| 20838             | BEARING-ANG CT-U/SET(2)-7207P4                | \$512              | N/A               | N/A                       | N/A                                |
| 23970             | BEARING-BB SET 6908ZZ OR VV (VS77 X 2)        | \$149              | N/A               | N/A                       | REPLACES VS77, USED ON 20778-2     |
| VS15              | BEARING-DEEP GROOVE                           | \$98               | N/A               | N/A                       | CHECK IF 6007 OR 6908              |
| K-B131            | BEARING-DEEP GROOVE                           | \$24               | N/A               | N/A                       | N/A                                |
| 23954             | BEARING-SET OF 2 EA (6203ZZ)                  | \$33               | N/A               | N/A                       | (2)FVS65 (OLD P/N AK118)           |
| VS63              | BELT - TIMING BELT                            | \$101              | N/A               | N/A                       | BACK GEAR TIMING BELT              |
| VS4               | BELT, SPINDLE DRIVE (875VC 38-28)             | \$182              | N/A               | N/A                       | W/OUT SPINDLE CONTROL OPTION       |
| 33VS0046C         | BRAKE BEARING CAP WITH BEARING-R8             | \$147              | N/A               | N/A                       | Includes VS43-1                    |
| VS59              | BRAKE BLOCK (SET OF 2)                        | \$32               | N/A               | N/A                       | N/A                                |
| 24055             | BRAKE SHOE ASSY ALL K MILLS & DPM5            | \$171              | N/A               | N/A                       | (2)VS47 (2)VS49 (4)VS122, (4)VS120 |
| VS6               | BUSHING                                       | \$72               | N/A               | N/A                       | REPLACES FVS6                      |
| VS13              | CAP - TOP BEARING CAP                         | \$38               | N/A               | N/A                       | N/A                                |
| K-B178            | CLOCK SPRING - K2/K3                          | \$76               | N/A               | N/A                       | CLOCK SPRING ONLY – NO HOUSING     |
| 24051             | CLOCK SPRING ASSY-K2/K3                       | \$149              | N/A               | N/A                       | SPRING & COVER                     |
| 26987             | DRAWBAR-K2/K3-R8 (INCLUDES SPACER)            | \$205              | N/A               | N/A                       | N/A                                |
| VS109             | DRAWBAR-R8-MANUAL                             | \$89               | N/A               | N/A                       | N/A                                |
| K-B08             | GEAR - FEED DRIVEWORM GEAR                    | \$32               | N/A               | N/A                       | REPLACES FB8                       |
| VS22              | GEAR - SPEED CHANGER GEAR                     | \$25               | N/A               | N/A                       | N/A                                |
| K-B186            | GEAR - WORM GEAR                              | \$25               | N/A               | N/A                       | REPLACES FB186                     |
| VS21              | GEAR - WORM GEAR                              | \$25               | N/A               | N/A                       | N/A                                |
| 24475             | GEAR-PLASTIC-POWER KNEE FEED                  | \$49               | N/A               | N/A                       | N/A                                |
| VS74              | GEAR-SPINDLE BULL GEAR ASSY(see 20778-2)      | \$292              | N/A               | N/A                       | N/A                                |
| 20813             | HEAD ASSY-K2/K3/KE-R8 GREEN                   | \$7,259            | 20813R            | \$4,357                   | N/A                                |
| 24083             | HI/LOW SHAFT ASSEMBLY                         | \$62               | N/A               | N/A                       | N/A                                |
| 20778-2           | HI-LOW SHIFT CLUTCH SUB-ASSY (3VK-A2)         | \$599              | N/A               | N/A                       | N/A                                |
| 20778-3           | HI-LOW SHIFT SUB-ASSY (3VK-A3)                | \$149              | N/A               | N/A                       | N/A                                |

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| VS73        | HUB - SPLINE GEAR HUB                         | \$112              | N/A               | N/A                       | N/A  |
| VS3-1       | KEY 6x6x44.5L                                 | \$10               | N/A               | N/A                       | N/A  |
| VS72        | KEY 8X8X12L                                   | \$10               | N/A               | N/A                       | N/A  |
| VS81        | LOCK NUT                                      | \$8                | N/A               | N/A                       | N/A  |
| 20778-5     | LOWER VARI-DISC DRIVE SUB-ASSY                | \$657              | N/A               | N/A                       | N/A  |
| 20847       | MICRO SCREW, MICRO-STOP NUT & MICROMETER      | \$149              | N/A               | N/A                       | N/A  |
| K-B133      | NOSE PIECE                                    | \$54               | N/A               | N/A                       | N/A  |
| VS46        | OBS. SEE 33VS0046C                            | \$68               | N/A               | N/A                       | N/A  |
| K-B163      | OBSOLETE-SEE 27350                            | \$32               | N/A               | N/A                       | N/A  |
| 20779-4     | OVERLOAD CLUTCH TRIP SUB-ASSY (3VK-B4)        | \$162              | N/A               | N/A                       | N/A  |
| 20779-3     | PINION - QUILL PINION SUB-ASSY (3VK-B3)       | \$149              | N/A               | N/A                       | N/A  |
| VS89        | PLATE - HI-LOW DETENT PLATE                   | \$25               | N/A               | N/A                       | N/A  |
| VS62        | PULLEY - TIMING BELT PULLEY                   | \$88               | N/A               | N/A                       | N/A  |
| 20697-4     | PULLEY PINION SUB-ASSY (4VK-A4)               | \$149              | N/A               | N/A                       | N/A  |
| K-B142      | QUILL   | \$512              | N/A               | N/A                       | N/A  |
| 20850       | QUILL FEED HANDLE ASSY (K2/K3/K4)             | \$149              | N/A               | N/A                       | QUILL HANDLE                                     |
| 20845       | QUILL LOCK HANDLE ASSY - K2/3                 | \$38               | N/A               | N/A                       | N/A  |
| 27347-1     | REBUILD KIT-UPPER HEAD-K2/K3/DPM2             | \$1,323            | N/A               | N/A                       | N/A  |
| K-B93       | RING - OVERLOAD CLUTCH RING(same as FB93      | \$25               | N/A               | N/A                       | REPLACES FB93                                    |
| K-B92       | see 20779-3                                   | \$49               | N/A               | N/A                       | N/A  |
| VS42        | SEE 24564                                     | \$32               | N/A               | N/A                       | ORDER ASSY 24564. VS42 is part of this assembly. |
| VS43-1      | SEE 33VS0046C                                 | \$98               | N/A               | N/A                       | N/A  |
| K-B189      | SHAFT - ADJ WORM SHAFT                        | \$38               | N/A               | N/A                       | N/A  |
| VS52        | SHAFT - BRAKE LOCK SHAFT                      | \$10               | N/A               | N/A                       | N/A  |
| VS87        | SHAFT - HI-LOW GEAR SHAFT                     | \$16               | N/A               | N/A                       | N/A  |
| K-B166      | SHAFT - QUILL PINION SHAFT (W/K-B168)         | \$54               | N/A               | N/A                       | N/A  |
| VS25        | SHAFT - SPEED CHANGE SHAFT                    | \$25               | N/A               | N/A                       | N/A  |
| VS70        | SHAFT - TIMING PULLEY CLUTCH                  | \$222              | N/A               | N/A                       | N/A  |
| VS75        | SLEEVE - BEARING SLIDING HOUSING              | \$38               | N/A               | N/A                       | N/A  |
| VS76        | SNAP RING                                     | \$10               | N/A               | N/A                       | N/A  |
| VS97        | SNAP RING                                     | \$10               | N/A               | N/A                       | N/A  |
| VS80        | SNAP RING                                     | \$10               | N/A               | N/A                       | N/A  |
| 20817       | SPACER-BEARING                                | \$75               | N/A               | N/A                       | N/A  |
| 20836       | SPINDLE ASSY W/NOSE PIECE (K2/K3) R8          | \$2,035            | 20836R            | \$1,237                   | N/A  |
| 20819       | SPINDLE MOTOR-K2-K3-KI-3HP-GREEN              | \$1,383            | N/A               | N/A                       | N/A  |
| K-B127      | SPINDLE R8                                    | \$636              | N/A               | N/A                       | N/A  |
| VS8         | SPRING FOR VARIDISC MOTOR SHAFT               | \$25               | N/A               | N/A                       | N/A  |
| K-B155      | T-BOLT  | \$38               | N/A               | N/A                       | ORDER QTY 4                                      |
| 24052       | TRIP HANDLE ASSEMBLY                          | \$38               | N/A               | N/A                       | INCLUDES PLASTIC BALL                            |
| 24679       | UPPER HEAD ASSY-K2/K3/KE                      | \$4,065            | 24679R            | \$2,903                   | N/A  |
| VS44        | VARIDISC - ADJ-DRIVEN VARIDISC W/KEY          | \$257              | N/A               | N/A                       | N/A  |

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| VS2            | VARIDISC - STATIONARY                         | \$257              | N/A               | N/A                       | Recommend replacing entire spindle motor, replaces FVS2 |
| VS45           | VARIDISC - STATIONARY DRIVEN DISC             | \$257              | N/A               | N/A                       | N/A   |
| 24054          | VARIDISC-ADJ MOTOR VARIDISC ASSY(W/KEY)       | \$320              | N/A               | N/A                       | CONSIST OF VS5,VS6, AND VS6-1, REPLACES 23953           |
| VS115          | WASHER - EXTERNAL TOOTH WASHER 40(AW-08)      | \$10               | N/A               | N/A                       | N/A   |
| VS108          | WASHER-DRAWBAR-R8                             | \$10               | N/A               | N/A                       | N/A   |
| 20779-1        | WORM GEAR CRADLE SUB ASSY                     | \$202              | N/A               | N/A                       | N/A   |
| <b>Manuals</b> |   | <b>CD</b>          | <b>Print</b>      |                           |   |
| 26057          | 10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-10A       | \$50               | \$70              |                           | N/A   |
| 26056          | STOCK MANUAL-EMX PROGRAMMING                  | \$50               | \$77              |                           | N/A   |
| 26109          | STOCK MANUAL-KE-EMX SERVICE AND INSTALLA      | \$50               | \$77              |                           | N/A   |