

| Part Number | K2S WITH 2 AXIS Machine S/N Includes AJ K2S WITH 3 AXIS Machine S/N Includes AN K3S WITH 2 AXIS Machine S/N Includes AK K3S WITH 3 AXIS Machine S/N Includes AP | List Price | Exchange Part# | Exchange Price | Notes |
|----------------|--|------------|----------------|----------------|--|
| 21824-1-10PK | 10 PK -FUSE-3AG-TIME DELAY-.25x1.25L-1A | \$19 | N/A | N/A | N/A |
| 21824-5-10PK | 10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-5A | \$19 | N/A | N/A | N/A |
| 21824-8-10PK | 10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-8A | \$19 | N/A | N/A | N/A |
| C19 | ADAPTER LOCKING BOLT (8" BOLT) | \$11 | N/A | N/A | N/A |
| 22581-1 | AIR GUN ASSY ONLY -TORQUE RITE POWER DRA | \$916 | 22581-1R | \$570 | N/A |
| 16206 | EXCHANGE BALLSCREW MODULE Z-AXIS | N/A | 16206R | \$1,624 | 16206R |
| 15609-12 | BALLSCREW MX 12" ENGLISH | \$1,205 | N/A | N/A | K2, Y AXIS |
| 15609-16 | BALLSCREW MX 16" ENGLISH | \$1,205 | N/A | N/A | N/A |
| 15608-48 | BALLSCREW MX 48" ENGLISH | \$1,374 | N/A | N/A | N/A |
| M5. | BASE - MOUNTING W/HDWR | \$142 | N/A | N/A | N/A |
| 23930 | BEARING SET (2) ANGULAR CONTACT 7204 BEC | \$255 | N/A | N/A | Set of 2 for X axis |
| 22008 | BEARING-204KTT | \$105 | N/A | N/A | Used on right side of the table. |
| 400-5M-15 | BELT - TIMING 5MM POWERGRIP | \$117 | N/A | N/A | X AXIS |
| 890-5M-15 | BELT - TIMING 5MM POWERGRIP (Y AXIS) | \$88 | N/A | N/A | Y-AXIS |
| 740-5M-15 | BELT TIMING | \$88 | N/A | N/A | Z-AXIS |
| 25600 | BRUSH KIT-AO SMITH AND MAGNATEK MOTORS | \$183 | N/A | N/A | Approx ¼ inch thick brush |
| 25300 | BRUSH KIT-HATHAWAY/EMOTEK/ MOTORS | \$130 | N/A | N/A | Approx 1/8 inch thick brush x .370" |
| 25610 | BRUSH KIT-SPECIALTY MOTORS | \$130 | N/A | N/A | N/A |
| 23050 | SPACER-BEARING | N/A | 23050R | \$525 | WITHOUT AUX FUNCTIONS, ONLY R UNIT AVAILABLE |
| 22555-15 | CABLE ASSY-LOGIC - 37 pin EB TO PENDANT | \$63 | N/A | N/A | N/A |
| 22608 | CABLE ASSY-POWER 10 FT | \$19 | N/A | N/A | N/A |
| 20873 | CHIP GUARD SET OF 3 - K2/K3 | \$255 | N/A | N/A | C59, C60, C61 |
| 15346-3PK | CHIP SCRAPER-MODEL C TRAK SENSOR-3 PACK | \$44 | N/A | N/A | N/A |
| HEDS-5100-A-06 | CODEWHEEL - 500 CPR. | \$87 | N/A | N/A | SEE 16179 FOR CODE WHEEL AND ENCODER |
| 22442-1 | COMPUTER MODULE-PT4-S SERIES | \$5,800 | 22442-1R | \$1,181 | N/A |
| 23436 | CONTACTOR-4 POLE | \$222 | N/A | N/A | N/A |
| 20676 | ELECTRICAL ENCLOSURE | \$861 | 20676R | \$542 | USED FOR 220/440 VOLTS |
| 24999-1 | ENCLOSURE ASSY-CABLE BREAKOUT | \$833 | 24999-1R | \$525 | REPLACES 23050-1 |
| 24999 | ENCLOSURE ASSY-SMX-CABLE BREAKOUT | \$833 | 24999R | \$525 | REPLACES 23050 |
| 23394 | FAN-PT4 | \$39 | N/A | N/A | N/A |
| 22607 | FILTER/REGULATOR-PT4 | \$145 | N/A | N/A | N/A |
| 23380 | FLASH DISK-REPLACEMENT KIT-SBC556 | \$172 | N/A | N/A | N/A |
| 23525 | FLASH DISK-REPLACEMENT KIT-SBC558 | \$172 | N/A | N/A | N/A |
| 16179 | FRU - Z-AXIS ENCODER AND READER HD. | \$219 | N/A | N/A | USES .035 ALLEN WRENCH |
| 24475 | GEAR-PLASTIC-POWER KNEE FEED | \$58 | N/A | N/A | N/A |
| 20870 | HALOGEN LIGHT BULB 12V (MILLS) | \$19 | N/A | N/A | N/A |
| 9001 | HAND OILER | \$139 | N/A | N/A | N/A |
| 25729 | HANDLE REPLACEMENT KIT, FOLD AWAY | \$131 | N/A | N/A | REPLACES 30922 |
| 15616 | HANDWHEEL ASSY (X AND Y AXIS) | \$307 | N/A | N/A | X & Y AXIS |
| 20813 | HEAD ASSY-K2/K3/KE-R8 GREEN | \$8,562 | N/A | N/A | N/A |

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| 20667 | LAMP - WORK LAMP KIT | \$452 | N/A | N/A | N/A |
| C114 | LEVELING PAD-K2/K3 | \$35 | N/A | N/A | N/A |
| C112 | LEVELING SCREW AND NUT-K2/K3 | \$12 | N/A | N/A | N/A |
| 21157-1 | LUBRICATION PUMP ASSY 110V | \$605 | N/A | N/A | N/A |
| HEDS-9100-A-00 | MODULE - ENCODER MODULE - OPTICAL INC. (| \$87 | N/A | N/A | SEE 16179 FOR CODE WHEEL AND ENCODER |
| 20296 | MOTOR ASSY-4020 | \$1,632 | 20296R | \$1,397 | X, Y and Z Motor |
| 24489 | MOTOR W/O SERVO - 4020-20296 | \$955 | 24489R | \$917 | PART OF 20296 Y-AXIS |
| 31653 | OIL SHIELD KIT-KMILL | \$85 | N/A | N/A | N/A |
| 22581-5 | OILER FOR POWER DRAWBAR (replaces 22773) | \$67 | N/A | N/A | REPLACES 22773 |
| 27284 | PAINT KIT - TOUCH UP | \$114 | N/A | N/A | N/A |
| 22328-3 | PENDANT - SM | \$8,285 | 22328-3R | \$2,141 | N/A |
| 24200-3 | PENDANT SM W/O COMPUTER MODULE | \$4,023 | 24200-3R | \$1,094 | N/A |
| 23265 | PUMP COOLANT 1/8 HP | \$500 | N/A | N/A | N/A |
| 23438-3 | RELAY-OVERLOAD- CONV- 3.2-16 A | \$183 | N/A | N/A | REPLACES 23438-1, RATED 12-30A |
| 23435 | RELAY-POWER-100-120VAC-DPDT (latch in gr | \$33 | N/A | N/A | N/A |
| 22595 | OBSOLETE USE 22595-1 | \$31 | N/A | N/A | N/A |
| 20142 | RSG HOLDER, KIT | \$46 | N/A | N/A | N/A |
| 24101-4 | SERVO DRIVER SERIES 3-4020 | \$916 | 24101-4R | \$832 | X & Y AXIS, replaces 20201 and 20201R |
| 25701 | SHIELD-SPLASH-3 PACK | \$135 | N/A | N/A | N/A |
| TR-220 | SOCKET-TORQUE RITE AIR GUN | \$90 | N/A | N/A | N/A |
| 22772 | SOLENOID ASSY-AIR REGULATOR | \$155 | N/A | N/A | N/A |
| SHIELD/BASE | SPLASH SHIELD AND MAGNETIC BASE | \$110 | N/A | N/A | N/A |
| 16117 | SWITCH - LIMIT SWITCH KIT | \$366 | N/A | N/A | ONE SWITCH ONLY |
| P-TRAK RSG | TRAK REMOTE STOP/GO SWITCH | \$293 | N/A | N/A | SEE 20142 FOR HOLDER |
| 20599-2 | SWITCH ASSY-K2/K3/K4 FOR/REV | \$280 | N/A | N/A | CABLE INCLUDED |
| 22581-2 | SWITCH-CONTROL HEAD-TORQUE RITE | \$419 | N/A | N/A | N/A |
| 23440-220 | TRANSFORMER OPTION PT3 | \$2,324 | N/A | N/A | PT4-SM TRANSFORMER OPTION |
| 23440-440 | TRANSFORMER OPTION PT3 | \$2,324 | N/A | N/A | PT4-SM TRANSFORMER OPTION |
| 24679 | UPPER HEAD ASSY-K2/K3/KE | \$4,639 | N/A | N/A | N/A |
| 20874 | WAY COVER BACK KNEE FLAT K2 | \$99 | N/A | N/A | N/A |
| 20871 | WAY COVER BACK KNEE FLAT K3 AND K4 | \$99 | N/A | N/A | N/A |
| 20875 | WAY COVER FRONT KNEE ACCORD K2 | \$99 | N/A | N/A | N/A |
| 20872 | WAY COVER FRONT KNEE ACCORD K3 AND K4 | \$99 | N/A | N/A | N/A |
| 15347-PLIO | WIPER PAD C-SENSOR, 5 PACK, PLIOBOND | \$39 | N/A | N/A | N/A |
| Head Parts | | | | | |
| VS13-1 | 6206 WAVE WASHER | \$13 | N/A | N/A | N/A |
| VS5 | ADJ MOTOR VARIDISC ASS (w/VS6-1 KEY) | \$294 | N/A | N/A | N/A |
| VS43 | BEARING - (SEE 24564) | \$114 | N/A | N/A | N/A |
| 24564 | BEARING HOUSING ASSY-K2/K3 | \$145 | N/A | N/A | INCLUDES VS42, VS43 |

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| 20838 | BEARING-ANG CT-U/SET(2)-7207P4 | \$605 | N/A | N/A | N/A |
| 23970 | BEARING-BB SET 6908ZZ OR VV (VS77 X 2) | \$172 | N/A | N/A | REPLACES VS77, USED ON 20778-2 |
| VS15 | BEARING-DEEP GROOVE | \$114 | 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) | \$40 | N/A | N/A | (2)FVS65 (OLD P/N AK118) |
| VS63 | BELT - TIMING BELT | \$117 | N/A | N/A | BACK GEAR TIMING BELT |
| VS4 | BELT, SPINDLE DRIVE (875VC 38-28) | \$209 | N/A | N/A | W/OUT SPINDLE CONTROL OPTION |
| 33VS0046C | #N/A | #N/A | #N/A | #N/A | #N/A |
| VS59 | BRAKE BLOCK (SET OF 2) | \$38 | N/A | N/A | N/A |
| 24055 | BRAKE SHOE ASSY ALL K MILLS DPM2/3/5 | \$197 | N/A | N/A | (2)VS47 (2)VS49 (4)VS122, (4)VS120 |
| VS49 | BRAKE SPRING -see also 24055 | \$13 | N/A | N/A | ORDER 2, SEE ALSO 24055 |
| VS6 | BUSHING | \$84 | N/A | N/A | REPLACES FVS6 |
| VS13 | CAP - TOP BEARING CAP | \$45 | N/A | N/A | N/A |
| 24975 | CHAIN/STUD ASSY - SPEED CHANGE - R8 | \$45 | N/A | N/A | VS30, VS32, VS33, VS34, VS35 |
| K-B178 | CLOCK SPRING - K2/K3 | \$89 | N/A | N/A | CLOCK SPRING ONLY – NO HOUSING |
| 24051 | CLOCK SPRING ASSY-K2/K3 | \$172 | N/A | N/A | SPRING & COVER |
| 23950 | COVER-SPORT 40 DEGREE | N/A | N/A | N/A | ORDER PART 20838 |
| 26987 | DRAWBAR-K2/K3-R8 (INCLUDES SPACER) | \$236 | N/A | N/A | N/A |
| VS109 | DRAWBAR-R8-MANUAL | \$103 | N/A | N/A | N/A |
| 20779-5 | FEED REVERSE CLUTCH SUB-ASSY (3VK-B5) | \$212 | N/A | N/A | N/A |
| 20832 | FEED TRIP ASSY-K2/K3 | \$177 | N/A | N/A | K-B102, K-B103, K-B104, K-B105, KB106, K-B117, K-B118, K-B119, K-B120, K-B121 |
| K-B08 | GEAR - FEED DRIVEWORM GEAR | \$38 | N/A | N/A | REPLACES FB8 |
| VS22 | GEAR - SPEED CHANGER GEAR | \$31 | N/A | N/A | N/A |
| K-B186 | GEAR - WORM GEAR | \$31 | N/A | N/A | REPLACES FB186 |
| VS21 | GEAR - WORM GEAR | \$31 | N/A | N/A | N/A |
| VS74 | GEAR-SPINDLE BULL GEAR ASSY(see 20778-2) | \$335 | N/A | N/A | N/A |
| 20852 | HANDLE - TABLE LOCK HANDLE | \$46 | N/A | N/A | N/A |
| 20877 | HEAD ASSY-SK4-(GREEN) | \$9,418 | 20877R | \$6,293 | N/A |
| 24083 | HI/LOW SHAFT ASSEMBLY | \$72 | N/A | N/A | N/A |
| 20778-2 | HI-LOW SHIFT CLUTCH SUB-ASSY (3VK-A2) | \$707 | N/A | N/A | N/A |
| 20778-3 | HI-LOW SHIFT SUB-ASSY (3VK-A3) | \$177 | N/A | N/A | N/A |
| VS73 | HUB - SPLINE GEAR HUB | \$130 | N/A | N/A | N/A |
| VS3-1 | KEY 6x6x44.5L | \$13 | N/A | N/A | N/A |
| VS72 | KEY 8X8X12L | \$13 | N/A | N/A | N/A |
| 20854 | KNEE CRANK HANDLE ASSY(K2/K3) | \$90 | N/A | N/A | N/A |
| VS81 | LOCK NUT | \$11 | N/A | N/A | N/A |
| 20778-5 | LOWER VARI-DISC DRIVE SUB-ASSY | \$776 | N/A | N/A | N/A |
| 20847 | MICRO SCREW, MICRO-STOP NUT MICROMETER | \$177 | N/A | N/A | N/A |
| K-B133 | NOSE PIECE | \$63 | N/A | N/A | N/A |

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| VS46 | FRU-K3-BRAKE BEARING CAP | \$79 | N/A | N/A | N/A |
| K-B163 | OBSOLETE-SEE 27350 | \$38 | N/A | N/A | N/A |
| 20779-4 | OVERLOAD CLUTCH TRIP SUB-ASSY (3VK-B4) | \$192 | N/A | N/A | N/A |
| 20779-3 | PINION - QUILL PINION SUB-ASSY (3VK-B3) | \$177 | N/A | N/A | N/A |
| VS89 | PLATE - HI-LOW DETENT PLATE | \$31 | N/A | N/A | N/A |
| VS62 | PULLEY - TIMING BELT PULLEY | \$101 | N/A | N/A | N/A |
| 20697-4 | PULLEY PINION SUB-ASSY (4VK-A4) | \$177 | N/A | N/A | N/A |
| K-B142 | QUILL | \$586 | N/A | N/A | N/A |
| 20850 | QUILL FEED HANDLE ASSY (K2/K3/K4) | \$177 | N/A | N/A | QUILL HANDLE |
| 20845 | QUILL LOCK HANDLE ASSY - K2/3 | \$46 | N/A | N/A | N/A |
| K-B128 | QUILL SKIRT | \$28 | N/A | N/A | N/A |
| 27347-1 | REBUILD KIT-UPPER HEAD-K2/K3/DPM2 | \$1,511 | N/A | N/A | N/A |
| K-B93 | RING - OVERLOAD CLUTCH RING(same as FB93) | \$31 | N/A | N/A | REPLACES FB93 |
| K-B92 | see 20779-3 | \$58 | N/A | N/A | N/A |
| VS42 | SEE 24564 | \$38 | N/A | N/A | ORDER ASSY 24564. VS42 is part of this assembly. |
| VS43-1 | FRU-K3-BALL BEARING 6010ZZ | \$114 | N/A | N/A | N/A |
| K-B189 | SHAFT - ADJ WORM SHAFT | \$45 | N/A | N/A | N/A |
| VS52 | SHAFT - BRAKE LOCK SHAFT | \$13 | N/A | N/A | N/A |
| VS87 | SHAFT - HI-LOW GEAR SHAFT | \$19 | N/A | N/A | N/A |
| K-B166 | SHAFT - QUILL PINION SHAFT (W/K-B168) | \$63 | N/A | N/A | N/A |
| VS25 | SHAFT - SPEED CHANGE SHAFT | \$31 | N/A | N/A | N/A |
| VS70 | SHAFT - TIMING PULLEY CLUTCH | \$255 | N/A | N/A | N/A |
| VS75 | SLEEVE - BEARING SLIDING HOUSING | \$45 | N/A | N/A | N/A |
| VS76 | SNAP RING | \$13 | N/A | N/A | N/A |
| VS97 | SNAP RING | \$13 | N/A | N/A | N/A |
| VS80 | SNAP RING | \$13 | N/A | N/A | N/A |
| 22604 | SPACER - Use w/orig drawbar - 22605 only | \$13 | N/A | N/A | |
| 20817 | SPACER-BEARING | \$90 | N/A | N/A | N/A |
| 27007 | SPACER-DRAWBAR | \$13 | N/A | N/A | INCLUDED WITH 26987 DRAWBAR |
| 23598 | SPACER-DRAWBAR | \$13 | N/A | N/A | ON 3 AXIS SM CNC USE 23598 SPACER |
| 20836 | SPINDLE ASSY W/NOSE PIECE (K2/K3) R8 | \$2,401 | N/A | N/A | N/A |
| 20819 | SPINDLE MOTOR-K2-K3-KI-3HP-GREEN | \$1,632 | N/A | N/A | N/A |
| K-B127 | SPINDLE R8 | \$727 | N/A | N/A | N/A |
| VS8 | SPRING FOR VARIDISC MOTOR SHAFT | \$63 | N/A | N/A | N/A |
| K-B155 | T-BOLT | \$45 | N/A | N/A | ORDER QTY 4 |
| 24052 | TRIP HANDLE ASSEMBLY | \$45 | N/A | N/A | INCLUDES PLASTIC BALL |
| VS44 | VARIDISC - ADJ-DRIVEN VARIDISC W/KEY | \$294 | N/A | N/A | N/A |
| VS2 | VARIDISC - STATIONARY | \$294 | N/A | N/A | Recommend replacing entire spindle motor, replaces FVS2 |

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| VS45 | VARIDISC - STATIONARY DRIVEN DISC | \$294 | N/A | N/A | N/A |
| 24054 | VARIDISC-ADJ MOTOR VARIDISC ASSY(W/KEY) | \$367 | N/A | N/A | CONSIST OF VS5,VS6, AND VS6-1, REPLACES 23953 |
| VS115 | WASHER - EXTERNAL TOOTH WASHER 40(AW-08) | \$13 | N/A | N/A | N/A |
| VS108 | WASHER-DRAWBAR-R8 | \$13 | N/A | N/A | N/A |
| 20779-1 | WORM GEAR CRADLE SUB ASSY | \$239 | N/A | N/A | N/A |
| Manuals | | CD | Print | | |
| 24939 | MANUAL-SERVICE-KNEE MILL-M2/AGE2/A | \$50 | 90 | | N/A |
| 23298 | MANUAL - OFFLINE, VM/SM/VL/SL CNC | \$50 | 90 | | N/A |
| 23243 | MANUAL-TRAK KNEE MILL AND PT SM CNC | \$50 | 90 | | N/A |