

| Part Number    | TRAK K4 w/ AGE2<br>Machine S/N Includes BT | List<br>Price | Exchange<br>Part# | Exchange<br>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                                  |
| 22581-1        | AIR GUN ASSY ONLY -TORQUE RITE POWER DRA   | \$916         | N/A               | N/A               | N/A                                  |
| 15622          | BACK COVER                                 | \$13          | N/A               | N/A               | N/A                                  |
| 14975-7        | BALLSCREW EXTENDED SUBASSY X-AXIS          | \$59          | N/A               | N/A               | N/A                                  |
| 16206          | EXCHANGE BALLSCREW MODULE Z-AXIS           | N/A           | 16206R            | \$1,624           | 16206R                               |
| 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                                  |
| 15612          | BEARING HOUSING ASSY - X AXIS left side    | \$117         | N/A               | N/A               |                                      |
| 15980          | BEARING HOUSING ASSY-LARGE FLANGE-Y AXIS   | \$117         | N/A               | N/A               | Y AXIS                               |
| 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                               |
| 15621          | BRACKET - X DRIVE HOUSING                  | \$219         | N/A               | N/A               | X AXIS                               |
| 20586-1        | BRACKET ASSY-Z AXIS-EASSON GLASS SCALE     | \$263         | N/A               | N/A               | FOR EASSON GLASS SCALE               |
| 20623          | BRACKET-SPORT 40 DEGR-X AXIS               | \$219         | N/A               | N/A               | N/A                                  |
| 25600          | BRUSH KIT-AO SMITH AND MAGNATEK MOTORS     | \$183         | N/A               | N/A               | Approx 1/4 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-SPECIALITY MOTORS                | \$130         | N/A               | N/A               | N/A                                  |
| 22608          | CABLE ASSY-POWER 10 FT                     | \$19          | 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 |
| 20181-1        | COMPUTER MODULE                            | \$6,116       | 20181-1R          | \$1,505           | N/A                                  |
| 20181-2        | COMPUTER MODULE ASSY - AGE3                | \$6,523       | N/A               | N/A               | N/A                                  |
| 23436          | CONTACTOR-4 POLE                           | \$222         | N/A               | N/A               | N/A                                  |
| 20621          | COVER-SPORT 40 DEGREE                      | \$46          | N/A               | N/A               | N/A                                  |
| 15627-2        | DIAL HOLDER                                | \$28          | N/A               | N/A               | Y AXIS                               |
| 15836          | DIAL NUT                                   | \$19          | N/A               | N/A               | N/A                                  |
| 24450-CAT      | DRAWBAR-K4-3RD AXIS-CAT                    | \$202         | N/A               | N/A               | N/A                                  |
| 24450-NMTB     | DRAWBAR-K4-3RD AXIS-NMTB                   | \$202         | N/A               | N/A               | N/A                                  |
| 22641-CAT      | DRAWBAR-SX5-K4-CAT                         | \$202         | N/A               | N/A               | USES SPACER 23888                    |
| 22641-NMTB     | DRAWBAR-SX5-K4-NMTB                        | \$202         | N/A               | N/A               | USES SPACER 23888                    |
| 20676          | ELECTRICAL ENCLOSURE                       | \$861         | 20676R            | \$542             | USED FOR 220/440 VOLTS               |
| 16350          | FERRULE-SPROCKET                           | \$13          | N/A               | N/A               | N/A                                  |
| 22607          | FILTER/REGULATOR-PT4                       | \$145         | N/A               | N/A               | N/A                                  |
| 15624          | FRONT COVER                                | \$46          | 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                                  |

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| 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                            |
| 20667          | LAMP - WORK LAMP KIT                       | \$452         | 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                  |
| 22581-4        | NOSEPIECE-TORQUE RITE SPINDLE, GOLD        | \$123         | N/A               | N/A               | GOLD COLOR PIECE                      |
| 16452          | NUT CLAMP                                  | \$39          | N/A               | N/A               | X & Y AXIS                            |
| 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                                   |
| 16402-4        | PCB ASSY - MX3 CONN BD LIMIT SWITCH        | \$432         | 16402-4R          | \$422             | N/A                                   |
| 20180          | PENDANT -AGE2                              | \$4,487       | 20180R            | \$2,103           | N/A                                   |
| 20180-1        | EXCHANGE PENDANT - AGE3                    | N/A           | 20180-1R          | \$2,103           | 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                                   |
| 15626          | SEAL                                       | \$13          | N/A               | N/A               | USED WITH 15980 AND 15612             |
| 24101-4        | SERVO DRIVER SERIES 3-4020                 | \$916         | 24101-4R          | \$832             | X & Y AXIS, replaces 20201 and 20201R |
| 23141          | SHEET METAL-PT4-COOLANT MOTOR COVER ASSY   | \$63          | N/A               | N/A               | REPLACES 20675                        |
| 25701          | SHIELD-SPLASH-3 PACK                       | \$135         | N/A               | N/A               | N/A                                   |
| 20195-2        | SLIP CLUTCH ASSY 125 LBS-INCH              | \$271         | N/A               | N/A               | Y AXIS                                |
| TR-220         | SOCKET-TORQUE RITE AIR GUN                 | \$90          | N/A               | N/A               | N/A                                   |
| 23888          | SPACER-SX5-K4-DRAWBAR                      | \$13          | N/A               | N/A               | N/A                                   |
| SHIELD/BASE    | SPLASH SHIELD AND MAGNETIC BASE            | \$110         | N/A               | N/A               | N/A                                   |
| 15638          | STOP-X-AXIS                                | \$13          | 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                                   |
| 15614          | TAB WASHER                                 | \$13          | N/A               | N/A               |                                       |
| 16533          | VERNIER DIAL DPM X-AXIS                    | \$46          | N/A               | N/A               | N/A                                   |
| 20871          | WAY COVER BACK KNEE FLAT K3 AND K4         | \$99          | N/A               | N/A               | N/A                                   |
| 20872          | WAY COVER FRONT KNEE ACCORD K3 AND K4      | \$99          | N/A               | N/A               | N/A                                   |
| 25404          | WAY WIPER KIT-K4                           | \$96          | N/A               | N/A               | N/A                                   |
| 15844-13       | YOKE KIT-K MILLS                           | \$432         | N/A               | N/A               | N/A                                   |

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| <b>Head Parts</b> |  |               |                   |                   |   |
| AK048             | BEARING - BALL BEARING                     | \$114         | N/A               | N/A               | RECOMMEND AK049L ALSO   |
| 23943             | BEARING - BALL BEARING (SET OF 2) (6910Z)  | \$145         | N/A               | N/A               | SET OF 2 (6910ZZ)   |
| FVS15             | BEARING                                    | \$114         | N/A               | N/A               | SOME UNITS USE 6909ZZ   |
| 24599             | BEARING HOUSING ASSY-K4                    | \$145         | N/A               | N/A               | INCLUDES FVS42, FVS43   |
| FVS43             | BEARING                                    | \$114         | N/A               | N/A               | ORDER ASSY 24599. FVS43 is part of this assembly.             |
| 20839             | BEARING-ANG CT U/SET (2)-7010 P4           | \$860         | N/A               | N/A               |   |
| 26392             | BEARING-DEEP GROOVE                        | \$45          | N/A               | N/A               | REPLACES A112H, SEE ASSY 16502                                |
| 23954             | BEARING-SET OF 2 EA (6203ZZ)               | \$40          | N/A               | N/A               | (2)FVS65 (OLD P/N AK118)                                      |
| FVS63             | 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                                  |
| FVS59             | 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                            |
| AK099             | GUIDE PIN FOR SPRING                       | \$13          | N/A               | N/A               | SEE 25059 – BRAKE SHOE ASSY                                   |
| VS6               | BUSHING                                    | \$84          | N/A               | N/A               | REPLACES FVS6   |
| 33FVS046B         | #N/A                                       | #N/A          | #N/A              | #N/A              | #N/A  |
| FVS46             | SEE 27446                                  | \$79          | N/A               | N/A               | N/A   |
| FVS13             | CAP - TOP BEARING CAP                      | \$45          | N/A               | N/A               | N/A   |
| 24964             | CHAIN/STUD ASSY - SPEED CHANGE - 40 T      | \$46          | N/A               | N/A               | FVS30, FVS32, FVS33, FVS34, FVS35                             |
| FB178             | CLOCK SPRING                               | \$88          | N/A               | N/A               | CLOCK SPRING ONLY – NO HOUSING                                |
| 24095             | CLOCK SPRING ASSEMBLY (SPRING AND COVER)   | \$172         | N/A               | N/A               | SPRING & COVER  |
| FVS109            | MANUAL-DRAWBAR-K4,DPM3/DPM5 NMTB           | \$103         | N/A               | N/A               | N/A   |
| 21442             | FEED CRADLE ASSY K4                        | \$263         | N/A               | N/A               | ALSO IN MANUAL AS 20698-1                                     |
| 20698-5           | FEED REVERSE CLUTCH ASSY                   | \$212         | N/A               | N/A               | N/A   |
| 20833             | FEED TRIP ASSY-K4                          | \$177         | N/A               | N/A               | FB103, FB104, FB105, FB106, FB117, FB118, FB119, FB120, FB121 |
| K-B08             | GEAR - FEED DRIVEWORM GEAR                 | \$38          | N/A               | N/A               | REPLACES FB8  |
| K-B92             | see 20779-3                                | \$58          | N/A               | N/A               | N/A   |
| FVS22             | GEAR - SPEED CHANGE GEAR                   | \$31          | N/A               | N/A               | N/A   |
| FVS74             | GEAR - SPINDLE BULL GEAR                   | \$335         | N/A               | N/A               | N/A   |
| K-B186            | GEAR - WORM GEAR                           | \$31          | N/A               | N/A               | REPLACES FB186  |
| FVS21             | GEAR - WORM GEAR                           | \$31          | 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   |
| 20697-2           | HI-LOW SHIFT CLUTCH SUB-ASSY (4VK-A2)      | \$707         | N/A               | N/A               | N/A   |
| 20697-3           | HI-LOW SHIFT SUB-ASSY (4VK-A3)             | \$177         | N/A               | N/A               | N/A   |
| FVS75             | HOUSING - BEARING SLIDING HOUSING          | \$130         | N/A               | N/A               | N/A   |
| FVS73             | HUB - SPLINE GEAR HUB                      | \$130         | N/A               | N/A               | N/A   |
| 20698             | K4, LOWER HEAD HOUSING ASSY (green) 40 T   | N/A           | N/A               | N/A               | GREEN – K4 TYPE HEAD  |
| FVS72             | KEY  | \$13          | N/A               | N/A               | N/A   |
| VS3-1             | KEY 6x6x44.5L                              | \$13          | N/A               | N/A               | N/A   |

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| 20855       | SEE 20854                                  | \$90          | N/A               | N/A               | N/A   |
| FB163       | OBSOLETE-SEE 27365                         | \$38          | N/A               | N/A               | N/A   |
| FVS81       | LOCK WASHER                                | \$11          | N/A               | N/A               | N/A   |
| 20697-5     | LOWER VARI-DISC DRIVE ASSY                 | \$881         | N/A               | N/A               | N/A   |
| 20847       | MICRO SCREW, MICRO-STOP NUT MICROMETER     | \$177         | N/A               | N/A               | N/A   |
| FB133       | NOSE PIECE                                 | \$63          | N/A               | N/A               | N/A   |
| 20698-4     | OVERLOAD CLUTCH TRIP ASSY (4VK-H4)         | \$192         | N/A               | N/A               | N/A   |
| FVS89       | PLATE - HI-LOW DETENT PLATE                | \$31          | N/A               | N/A               | N/A   |
| FVS62       | PULLEY - TIMING BELT PULLEY                | \$99          | N/A               | N/A               | N/A   |
| 20697-4     | PULLEY PINION SUB-ASSY (4VK-A4)            | \$177         | N/A               | N/A               | N/A   |
| FB142       | QUILL                                      | \$586         | N/A               | N/A               | MUST MEASURE QUILL IN 3 PLACES                          |
| 20850       | QUILL FEED HANDLE ASSY (K2/K3/K4)          | \$177         | N/A               | N/A               | QUILL HANDLE  |
| 20846       | QUILL LOCK HANDLE ASSY - K4                | \$46          | N/A               | N/A               | N/A   |
| 20698-3     | QUILL PINON SHAFT ASSY 40 TAPER            | \$177         | N/A               | N/A               | N/A   |
| 27347-2     | REBUILD KIT-UPPER HEAD-DPM3/DPM5/K4        | \$1,516       | N/A               | N/A               | N/A   |
| K-B93       | RING - OVERLOAD CLUTCH RING(same as FB93)  | \$31          | N/A               | N/A               | REPLACES FB93   |
| FB189       | SHAFT - ADJ WORM                           | \$45          | N/A               | N/A               | N/A   |
| FVS52       | SHAFT - BRAKE LOCK SHAFT                   | \$13          | N/A               | N/A               | SEE 24055 – BRAKE ASSY                                  |
| FVS87       | SELL 20697-3                               | \$19          | N/A               | N/A               | N/A   |
| FB166       | SHAFT - QUILL PINION SHAFT                 | \$63          | N/A               | N/A               | N/A   |
| FVS25       | SHAFT - SPEED CHANGE SHAFT                 | \$31          | N/A               | N/A               | N/A   |
| FVS70       | SHAFT - TIMING PULLEY CLUTCH               | \$255         | N/A               | N/A               | N/A   |
| 20844       | SLEEVE - QUILL LOCK SLEEVE ASSY            | \$59          | N/A               | N/A               | N/A   |
| FVS76       | RING                                       | \$13          | N/A               | N/A               | N/A   |
| FVS97       | SEE AK053L                                 | \$13          | N/A               | N/A               | N/A   |
| FVS80       | SNAP RING                                  | \$13          | N/A               | N/A               | N/A   |
| 20836-1     | SPINDLE ASSY (K4) 40 TAPER W/NOSE PIECE    | \$2,182       | N/A               | N/A               | N/A   |
| FVS42       | SPINDLE PULLEY BEAR HOUSE(SEE ORD 24599)   | \$38          | N/A               | N/A               | ORDER ASSY 24599. FVS42 is part of this assembly        |
| FVS8        | SEE VS8                                    | \$63          | N/A               | N/A               | N/A   |
| 24099       | TRIP HANDLE ASSY                           | \$53          | N/A               | N/A               | INCLUDES PLASTIC BALL                                   |
| 24688       | UPPER HEAD ASSY-K4-40 TAPER                | \$4,974       | N/A               | N/A               | N/A   |
| 20820       | OBSOLETE USE 20820-1                       | \$1,631       | N/A               | N/A               | N/A   |
| FVS44       | VARIDISC - ADJUSTABLE DRIVEN DISC(NOTES)   | \$294         | N/A               | N/A               | KEY INCLUDED  |
| VS2         | VARIDISC - STATIONARY                      | \$294         | N/A               | N/A               | Recommend replacing entire spindle motor, replaces FVS2 |
| FVS45       | VARIDISC - STATIONARY DRIVEN               | \$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           |
| FVS115      | WASHER - EXTERNAL TOOTH WASHER (AW-10)     | \$13          | N/A               | N/A               | N/A   |
| VS108       | WASHER-DRAWBAR-R8                          | \$13          | N/A               | N/A               | N/A   |

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|             |  | CD         | Print          |                |       |
| 21449       | AGE 2 PROGRAMMING MANUAL-SPANISH           | \$50       | 92             |                | N/A   |
| 21049       | AGE PROFILE SELF TRAINING MANUAL           | \$50       | 92             |                | N/A   |
| 20917       | AGE2/3/LX2 SAMPLE PROGRAMMING MANUAL       | \$50       | 92             |                | N/A   |
| 20429       | MANUAL-AGE OFFLINE PROGRAMMING (2/3/LX)    | \$50       | 92             |                | N/A   |
| 21261       | MANUAL-AGE3-PROGRAMMING-SPANISH            | \$50       | 92             |                | N/A   |
| 20260       | MANUAL-CAD/CAM AGE 2,3                     | \$50       | 92             |                | N/A   |
| 24939       | SERVICE MANUAL - KNEE MILL M2/AGE 2/AGE 3  | \$50       | 90             |                | N/A   |
| 21038       | MANUAL-PROGRAMING AGE2                     | \$50       | 92             |                | N/A   |
| 21039       | MANUAL-PROGRAMING AGE3                     | \$50       | 92             |                | N/A   |