

Part Number	TRAK K4S w/ 2 AXIS S/N INCLUDES AL TRAK K4S-3 w/ 3 AXIS S/N INCLUDES AQ	List Price	Exchange Part#	Exchange Price	Notes
21824-1-10PK	10 PK -FUSE-3AG-TIME DELAY-.25x1.25L-1A	\$17	N/A	N/A	N/A
21824-5-10PK	10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-5A	\$17	N/A	N/A	N/A
21824-8-10PK	10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-8A	\$17	N/A	N/A	N/A
22581-1	AIR GUN ASSY ONLY -TORQUE RITE POWER DRA	\$838	22581-1R	\$496	N/A
16206	EXCHANGE BALLSCREW MODULE Z-AXIS	N/A	16206R	\$1,415	16206R
15609-16	BALLSCREW MX 16" ENGLISH	\$1,102	N/A	N/A	N/A
15608-48	BALLSCREW MX 48" ENGLISH	\$1,257	N/A	N/A	N/A
23930	BEARING SET (2) ANGULAR CONTACT 7204 BEC	\$232	N/A	N/A	Set of 2 for X axis
22008	BEARING-204KTT	\$96	N/A	N/A	Used on right side of the table.
400-5M-15	BELT - TIMING 5MM POWERGRIP	\$106	N/A	N/A	X AXIS
890-5M-15	BELT - TIMING 5MM POWERGRIP (Y AXIS)	\$79	N/A	N/A	Y-AXIS
740-5M-15	BELT TIMING	\$79	N/A	N/A	Z-AXIS
25600	BRUSH KIT-AO SMITH AND MAGNATEK MOTORS	\$167	N/A	N/A	Approx ¼ inch thick brush
25300	BRUSH KIT-HATHAWAY/EMOTEK/ MOTORS	\$118	N/A	N/A	Approx 1/8 inch thick brush x .370"
25610	BRUSH KIT-SPECIALITY MOTORS	\$118	N/A	N/A	N/A
23050-1	BEARING-ANG CT U/SET (2)-7010 P4(GREASE)	N/A	23050-1R	\$457	OLD DESIGN – SEE 24999-1
HEDS-5100-A-06	CODEWHEEL - 500 CPR.	\$78	N/A	N/A	SEE 16179 FOR CODE WHEEL AND ENCODER
22442-1	COMPUTER MODULE-PT4-S SERIES	\$5,310	22442-1R	\$1,028	N/A
23436	CONTACTOR-4 POLE	\$202	N/A	N/A	N/A
22641-CAT	DRAWBAR-SX5-K4-CAT	\$184	N/A	N/A	USES SPACER 23888
22641-NMTB	DRAWBAR-SX5-K4-NMTB	\$184	N/A	N/A	USES SPACER 23888
20676	ELECTRICAL ENCLOSURE	\$788	20676R	\$472	USED FOR 220/440 VOLTS
24999-1	ENCLOSURE ASSY-CABLE BREAKOUT	\$762	24999-1R	\$457	REPLACES 23050-1
24999	ENCLOSURE ASSY-SMX-CABLE BREAKOUT	\$762	24999R	\$457	REPLACES 23050
22607	FILTER/REGULATOR-PT4	\$132	N/A	N/A	N/A
23380	FLASH DISK-REPLACEMENT KIT-SBC556	\$156	N/A	N/A	N/A
23525	FLASH DISK-REPLACEMENT KIT-SBC558	\$156	N/A	N/A	N/A
16179	FRU - Z-AXIS ENCODER AND READER HD.	\$200	N/A	N/A	USES .035 ALLEN WRENCH
24475	GEAR-PLASTIC-POWER KNEE FEED	\$52	N/A	N/A	N/A
20870	HALOGEN LIGHT BULB 12V ( MILLS)	\$17	N/A	N/A	N/A
9001	HAND OILER	\$126	N/A	N/A	N/A
25729	HANDLE REPLACEMENT KIT, FOLD AWAY	\$119	N/A	N/A	REPLACES 30922
15616	HANDWHEEL ASSY (X & Y AXIS)	\$280	N/A	N/A	X & Y AXIS
20877	HEAD ASSY-SK4-(GREEN)	\$8,624	20877R	\$5,487	N/A
20667	LAMP - WORK LAMP KIT	\$413	N/A	N/A	N/A
21157-1	LUBRICATION PUMP ASSY 110V	\$553	N/A	N/A	N/A
HEDS-9100-A-00	MODULE - ENCODER MODULE - OPTICAL INC. (	\$78	N/A	N/A	SEE 16179 FOR CODE WHEEL AND ENCODER
20296	MOTOR ASSY-4020	\$1,494	20296R	\$1,217	X, Y and Z Motor
24489	MOTOR W/O SERVO - 4020-20296	\$874	24489R	\$799	PART OF 20296 Y-AXIS
22581-4	NOSEPIECE-TORQUE RITE SPINDLE, GOLD	\$112	N/A	N/A	GOLD COLOR PIECE
22581-5	OILER FOR POWER DRAWBAR (replaces 22773)	\$60	N/A	N/A	REPLACES 22773
27284	PAINT KIT - TOUCH UP	\$103	N/A	N/A	N/A

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22328-3	PENDANT - SM	\$7,586	22328-3R	\$1,866	N/A
24200-3	PENDANT SM W/O COMPUTER MODULE	\$3,683	24200-3R	\$952	N/A
23265	PUMP COOLANT 1/8 HP	\$457	N/A	N/A	N/A
23438-3	RELAY-OVERLOAD- CONV- 3.2-16 A	\$167	N/A	N/A	REPLACES 23438-1, RATED 12-30A
23435	RELAY-POWER-100-120VAC-DPDT (latch in gr	\$29	N/A	N/A	N/A
22595	OBSOLETE USE 22595-1	\$27	N/A	N/A	N/A
20142	RSG HOLDER, KIT	\$41	N/A	N/A	N/A
24101-4	SERVO DRIVER SERIES 3-4020	\$838	24101-4R	\$725	X & Y AXIS, replaces 20201 and 20201R
25701	SHIELD-SPLASH-3 PACK	\$123	N/A	N/A	N/A
TR-220	SOCKET-TORQUE RITE AIR GUN	\$81	N/A	N/A	N/A
22772	SOLENOID ASSY-AIR REGULATOR	\$141	N/A	N/A	N/A
23888	SPACER-SX5-K4-DRAWBAR	\$11	N/A	N/A	N/A
SHIELD/BASE	SPLASH SHIELD AND MAGNETIC BASE	\$100	N/A	N/A	N/A
16117	SWITCH - LIMIT SWITCH KIT	\$334	N/A	N/A	ONE SWITCH ONLY
P-TRAK RSG	TRAK REMOTE STOP/GO SWITCH	\$258	N/A	N/A	SEE 20142 FOR HOLDER
20599-2	SWITCH ASSY-K2/K3/K4 FOR/REV	\$255	N/A	N/A	CABLE INCLUDED
22581-2	SWITCH-CONTROL HEAD-TORQUE RITE	\$383	N/A	N/A	N/A
23440-220	TRANSFORMER OPTION PT3	\$2,127	N/A	N/A	PT4-SM TRANSFORMER OPTION
23440-440	TRANSFORMER OPTION PT3	\$2,127	N/A	N/A	PT4-SM TRANSFORMER OPTION
24688	UPPER HEAD ASSY-K4-40 TAPER	\$4,554	N/A	N/A	N/A
20871	WAY COVER BACK KNEE FLAT K3 & K4	\$90	N/A	N/A	N/A
20872	WAY COVER FRONT KNEE ACCORD K3 & K4	\$90	N/A	N/A	N/A
25404	WAY WIPER KIT-K4	\$87	N/A	N/A	N/A
<b>Head Parts</b>					
AK048	BEARING - BALL BEARING	\$103	N/A	N/A	RECOMMEND AK049L ALSO
23943	BEARING - BALL BEARING (SET OF 2) (6910Z	\$132	N/A	N/A	SET OF 2 (6910ZZ)
FVS15	BEARING	\$103	N/A	N/A	SOME UNITS USE 6909ZZ
24599	BEARING HOUSING ASS'Y-K4	\$132	N/A	N/A	INCLUDES FVS42, FVS43
FVS43	BEARING	\$103	N/A	N/A	ORDER ASSY 24599. FVS43 is part of this assembly.
20839	BEARING-ANG CT U/SET (2)-7010 P4	\$787	N/A	N/A	
26392	BEARING-DEEP GROOVE	\$40	N/A	N/A	REPLACES A112H, SEE ASSY 16502
23954	BEARING-SET OF 2 EA (6203ZZ)	\$35	N/A	N/A	(2)FVS65 (OLD P/N AK118)
FVS63	BELT - TIMING BELT	\$106	N/A	N/A	BACK GEAR TIMING BELT
VS4	BELT, SPINDLE DRIVE (875VC 38-28)	\$191	N/A	N/A	W/OUT SPINDLE CONTROL OPTION
FVS59	BRAKE BLOCK (SET OF 2)	\$34	N/A	N/A	N/A
24055	BRAKE SHOE ASSY ALL K MILLS & DPM5	\$179	N/A	N/A	(2)VS47 (2)VS49 (4)VS122, (4)VS120
AK099	BRAKE SPRING	\$11	N/A	N/A	SEE 25059 - BRAKE SHOE ASSY
VS6	BUSHING	\$76	N/A	N/A	REPLACES FVS6
33FVS046B	BRAKE BEARING CAP WITH BEARING-40T	\$157	N/A	N/A	MUST SELL MATCHING SET OF AK048/FVS43-1
FVS46	SEE 33FVS046B	\$72	N/A	N/A	N/A
FVS13	CAP - TOP BEARING CAP	\$40	N/A	N/A	N/A
24964	CHAIN & STUD ASS'Y - SPEED CHANGE - 40 T	\$41	N/A	N/A	FVS30, FVS32, FVS33, FVS34, FVS35

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FB178	CLOCK SPRING	\$79	N/A	N/A	CLOCK SPRING ONLY – NO HOUSING
24095	CLOCK SPRING ASSEMBLY (SPRING & COVER)	\$156	N/A	N/A	SPRING & COVER
FVS109	MANUAL-DRAWBAR-K4,DPM3/DPM5 NMTB	\$94	N/A	N/A	N/A
21442	FEED CRADLE ASSY K4	\$240	N/A	N/A	ALSO IN MANUAL AS 20698-1
20698-5	FEED REVERSE CLUTCH ASSY	\$193	N/A	N/A	N/A
20833	FEED TRIP ASSY-K4	\$161	N/A	N/A	FB103, FB104, FB105, FB106, FB117, FB118, FB119, FB120, FB121
K-B08	GEAR - FEED DRIVEWORM GEAR	\$34	N/A	N/A	REPLACES FB8
K-B92	see 20779-3	\$52	N/A	N/A	N/A
FVS22	GEAR - SPEED CHANGE GEAR	\$27	N/A	N/A	N/A
FVS74	GEAR - SPINDLE BULL GEAR	\$306	N/A	N/A	N/A
K-B186	GEAR - WORM GEAR	\$27	N/A	N/A	REPLACES FB186
FVS21	GEAR - WORM GEAR	\$27	N/A	N/A	N/A
20852	HANDLE - TABLE LOCK HANDLE	\$41	N/A	N/A	N/A
24083	HI/LOW SHAFT ASSEMBLY	\$65	N/A	N/A	N/A
20697-2	HI-LOW SHIFT CLUTCH SUB-ASSY (4VK-A2)	\$647	N/A	N/A	N/A
20697-3	HI-LOW SHIFT SUB-ASSY (4VK-A3)	\$161	N/A	N/A	N/A
FVS75	HOUSING - BEARING SLIDING HOUSING	\$118	N/A	N/A	N/A
FVS73	HUB - SPLINE GEAR HUB	\$118	N/A	N/A	N/A
20698	PULLEY-SOLID 44 TEETH W/O GUIDES	N/A	N/A	N/A	GREEN – K4 TYPE HEAD
FVS72	KEY	\$11	N/A	N/A	N/A
VS3-1	KEY 6x6x44.5L	\$11	N/A	N/A	N/A
20855	SEE 20854	\$81	N/A	N/A	N/A
FB163	OBSOLETE-SEE 27349	\$34	N/A	N/A	N/A
FVS81	LOCK WASHER	\$9	N/A	N/A	N/A
20697-5	LOWER VARI-DISC DRIVE ASSY	\$806	N/A	N/A	N/A
20847	MICRO SCREW, MICRO-STOP NUT & MICROMETER	\$161	N/A	N/A	N/A
FB133	NOSE PIECE	\$57	N/A	N/A	N/A
20698-4	OVERLOAD CLUTCH TRIP ASSY (4VK-H4)	\$175	N/A	N/A	N/A
FVS89	PLATE - HI-LOW DETENT PLATE	\$27	N/A	N/A	N/A
FVS62	PULLEY - TIMING BELT PULLEY	\$90	N/A	N/A	N/A
20697-4	PULLEY PINION SUB-ASSY (4VK-A4)	\$161	N/A	N/A	N/A
FB142	QUILL	\$536	N/A	N/A	MUST MEASURE QUILL IN 3 PLACES
20850	QUILL FEED HANDLE ASSY (K2/K3/K4)	\$161	N/A	N/A	QUILL HANDLE
20846	QUILL LOCK HANDLE ASSY - K4	\$41	N/A	N/A	N/A
20698-3	QUILL PINION SHAFT ASSY-40 TAPER	\$161	N/A	N/A	N/A
27347-2	REBUILD KIT-UPPER HEAD-DPM3/DPM5/K4	\$1,387	N/A	N/A	N/A
K-B93	RING - OVERLOAD CLUTCH RING(same as FB93)	\$27	N/A	N/A	REPLACES FB93
FB189	SHAFT - ADJ WORM	\$40	N/A	N/A	N/A
FVS52	SHAFT - BRAKE LOCK SHAFT	\$11	N/A	N/A	SEE 24055 – BRAKE ASSY
FVS87	SELL 20697-3	\$17	N/A	N/A	N/A
FB166	SHAFT - QUILL PINION SHAFT	\$57	N/A	N/A	N/A

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FVS25	SHAFT - SPEED CHANGE SHAFT	\$27	N/A	N/A	N/A
FVS70	SHAFT - TIMING PULLEY CLUTCH	\$232	N/A	N/A	N/A
20844	SLEEVE - QUILL LOCK SLEEVE ASSY	\$53	N/A	N/A	N/A
FVS76	SNAP RING	\$11	N/A	N/A	N/A
FVS97	SEE AK053L	\$11	N/A	N/A	N/A
FVS80	SNAP RING	\$11	N/A	N/A	N/A
20818	SPACER-BEARING	\$81	N/A	N/A	REPLACES 16529, CONSIST OF AK110L, AK111L
20836-1	SPINDLE ASSY (K4) 40 TAPER W/NOSE PIECE	\$1,998	N/A	N/A	N/A
FVS42	SPINDLE PULLEY BEAR HOUSE(SEE ORD 24599)	\$34	N/A	N/A	ORDER ASSY 24599. FVS42 is part of this assembly
FVS8	SEE VS8	\$17	N/A	N/A	N/A
24099	TRIP HANDLE ASSY	\$48	N/A	N/A	INCLUDES PLASTIC BALL
20820	OBSOLETE USE 20820-1	\$1,493	N/A	N/A	N/A
FVS44	VARIDISC - ADJUSTABLE DRIVEN DISC(NOTES)	\$269	N/A	N/A	KEY INCLUDED
VS2	VARIDISC - STATIONARY	\$269	N/A	N/A	Recommend replacing entire spindle motor, replaces FVS2
FVS45	VARIDISC - STATIONARY DRIVEN	\$269	N/A	N/A	N/A
24054	VARIDISC-ADJ MOTOR VARIDISC ASSY(W/KEY)	\$335	N/A	N/A	CONSIST OF VS5,VS6, AND VS6-1, REPLACES 23953
FVS115	WASHER - EXTERNAL TOOTH WASHER (AW-10)	\$11	N/A	N/A	N/A
VS108	WASHER-DRAWBAR-R8	\$11	N/A	N/A	N/A
<b>Manuals</b>		<b>CD</b>	<b>Print</b>		
24939	MANUAL-SERVICE-KNEE MILL-M2/AGE2/A	\$50	\$81		N/A
23298	MANUAL - OFFLINE, VM/SM/VL/SL CNC	\$50	\$81		N/A
23243	MANUAL-TRAK KNEE MILL & PT SM CNC	\$50	\$81		N/A