

| Part Number        | Description: TRAK FHM7<br>Machine S/N Includes CY | List<br>Price | Exchange Part# | Exchange<br>Price | Notes   |
|--------------------|---|---------------|----------------|-------------------|---|
| <b>General</b>     |   |               |                |                   |   |
| 21830-12-10PK      | 10 PACK-FUSE-TYPE 3AB-12A-SLO BLO                 | \$19          | N/A            | N/A               | N/A   |
| 21824-3-10PK       | 10 PK-FUSE-3AG-TIME DELAY-.25x1.25L-3A            | \$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   |
| 15361              | CABLE ASSY-AUX BOX HAAS EXTERNAL                  | \$90          | N/A            | N/A               | N/A   |
| 22164              | FAN-PT4-ENCLOSURE (DOOR FAN) (QTY 1)              | \$128         | N/A            | N/A               | N/A   |
| 22607              | FILTER/REGULATOR-PT4                              | \$145         | N/A            | N/A               | N/A   |
| 20870              | HALOGEN LIGHT BULB 12V ( MILLS)                   | \$19          | N/A            | N/A               | N/A   |
| 27284              | PAINT KIT - TOUCH UP                              | \$114         | N/A            | N/A               | N/A   |
| 24614              | POWER SWITCH-MAIN-FHM7                            | \$172         | N/A            | N/A               | N/A   |
| 24524              | SCREW NUT-LEVELING-FHM7/DPM/RX7                   | \$13          | N/A            | N/A               | N/A   |
| 24654              | SWITCH-DOOR-V7 TABLEGUARD                         | \$206         | N/A            | N/A               | N/A   |
| 24514              | SWITCH-LIMIT                                      | \$114         | N/A            | N/A               | SPECIAL ORDER – NOT SAME AS FHM7  |
| 24550              | VALVE-FHM7  | \$19          | N/A            | N/A               | N/A   |
| 24521              | WIPER-WAY-Y AXIS-FHM7/V7                          | \$31          | N/A            | N/A               | N/A   |
| <b>CNC Control</b> |   |               |                |                   |   |
| 22556-15           | CABLE ASSY- 25 pin -PARALLEL TO PENDANT           | \$63          | N/A            | N/A               | N/A   |
| 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   |
| 24030-1            | COMPUTER MODULE-SX-USA                            | \$5,800       | 24030-1R       | \$1,933           | Floppy drive, for s/n 114xxxxxxx and before   |
| 24030-4            | COMPUTER MODULE-SX-USA                            | \$5,800       | 24030-4R       | \$1,933           | N/A   |
| 23997              | E-STOP ASSY-PENDANT                               | \$130         | N/A            | N/A               | SWITCH AND CONTACT  |
| 23394              | FAN-PT4   | \$39          | N/A            | N/A               | N/A   |
| 25078-1            | FLASH DISK REPL KIT-XP VER 2.0-6773               | \$255         | N/A            | N/A               | REV C PENDANT AND BEFORE  |
| 25078              | FLASH DISK REPL KIT-XP VER3.X-6773 W/PER          | \$255         | N/A            | N/A               | REV D PENDANT TO REV H  |
| 24088-512          | MEMORY CARD-COMPACT FLASH-FORMATTED               | \$268         | N/A            | N/A               | FOR REV I AND LATER PENDANT   |
| 24088-1            | MEMORY CARD-COMPACT FLASH-FORMATTED PCA-          | \$268         | N/A            | N/A               | FOR 24000-7 AND 24000-9 PENDANTS  |
| 24000-1            | PENDANT-SMX                                       | \$9,940       | 24000-1R       | \$2,450           | N/A   |
| 24000-7            | PENDANT-SMX                                       | \$9,940       | 24000-7R       | \$2,450           | N/A   |
| 24008-1            | PENDANT-SMX-USA-W/O COMPUTER MODULE               | \$3,979       | 24008-1R       | \$1,048           | N/A   |
| <b>Head Parts</b>  |   |               |                |                   |   |
| 24554              | BEARING-ANGULAR CONTACT (PAIR)                    | \$500         | N/A            | N/A               | REPLACES 23932, SPINDLE BEARINGS  |
| 24541              | BEARING-ANGULAR CONTACT (SET OF 3)                | \$833         | N/A            | N/A               | RECOMMEND P/N 24566 – SPINDLE ASSY  |
| 25038              | BELT-MTR/ SPNDL-FHM7 (2 belts)(14 RIB)            | \$87          | N/A            | N/A               | THIS IS THE NEWER BELT SET (OCT 2008 TO PRESENT). THIS IS A 14 'GROOVE' OR 'RIB' BELT. THE UPGRADE KIT IS 25037 WHICH INCLUDES 25035 SPINDLE PULLEY 25036 MOTOR PULLEY AND THE 25038 BELTS. |

|   |  |         |          |         |   |
|---|--|---------|----------|---------|---|
| 24553                                   | BELT-SET FHM7 OLD 5PK940-(2 BELTS)10 RIB | \$130   | N/A      | N/A     | THIS IS THE OLD BELT SET FOR FHM7. IT HAS 10 'GROOVES' OR 'RIBS'. FOR THE 14 GROOVE/RIB BELT SET, ORDER 25038. IT IS HIGHLY RECOMMENDED TO UPGRADE TO THE 14 GROOVE/RUB KIT WHICH IS P/N 25037. |
| 24536                                   | COVER-FRONT BEARING                      | \$130   | N/A      | N/A     | N/A   |
| 23045                                   | FAN - SPINDLE MOTOR DPMV                 | \$91    | N/A      | N/A     | N/A   |
| 25037                                   | KIT-UPGRADE-10 TO14 GROOVE PULLEYS/BELTS | \$771   | N/A      | N/A     | N/A   |
| 24527                                   | PULLEY-MOTOR-FHM7-10 RIB(OLD STYLE)      | \$114   | N/A      | N/A     | N/A   |
| 25036                                   | PULLEY-MOTOR-FHM7-14 RIB(NEW STYLE)      | \$120   | N/A      | N/A     | N/A   |
| 24529                                   | PULLEY-SPINDLE-FHM7-10 RIB(OLD STYLE)    | \$155   | N/A      | N/A     | N/A   |
| 25035                                   | PULLEY-SPINDLE-FHM7-14 RIB(NEW STYLE)    | \$120   | N/A      | N/A     | N/A   |
| 24566                                   | SPINDLE CARTRIDGE ASSEMBLY-FHM7/DPMV7    | \$4,914 | 24566R   | \$3,097 | N/A   |
| 24525                                   | SPINDLE MOTOR-DPMV7/FHM7(CURRENT DESIGN) | \$1,580 | N/A      | N/A     | USES PART # 23045 - FAN   |
| <b>Drive Train X-Axis Drawing 24291</b> |  |         |          |         |   |
| 24500                                   | BALLSCREW-X AXIS - FHM7/RX7              | \$2,073 | N/A      | N/A     | N/A   |
| 24479                                   | BEARING- (PAIR)-X/Y AXIS                 | \$254   | N/A      | N/A     | USE 24513 - XY AXES   |
| 23940                                   | BEARING-ANGULAR CONTACT-U/SET (2)-7205 B | \$255   | N/A      | N/A     | SET OF 2 FOR Z AXIS   |
| 24512                                   | BEARING-DEEP GROOVE                      | \$45    | N/A      | N/A     | N/A   |
| 635-5M-15                               | BELT TIMING                              | \$88    | N/A      | N/A     | X AXIS  |
| 24507-L                                 | GIB-X AXIS-LEFT(W/ TURCITE) - FHM7       | \$164   | N/A      | N/A     | N/A   |
| 24507-R                                 | GIB-X AXIS-RIGHT(W/TURCITE) - FHM7       | \$164   | N/A      | N/A     | N/A   |
| 21946                                   | HANDWHEEL - ELECTRONIC X/Y AXIS          | \$833   | 21946R   | \$692   | X & Y AXIS  |
| 24428                                   | **OBSOLETE** MOTOR ASSY-4055             | \$1,659 | 24428R   | 1371    | N/A   |
| 24545                                   | PULLEY-X AXIS BALLSCREW-FHM7             | \$172   | N/A      | N/A     | N/A   |
| 24101-7                                 | SERVO DRIVER SERIES                      | \$916   | 24101-7R | \$832   | N/A   |
| 27261                                   | X-AXIS-BLSCRW-OIL LINE ROUT MOD KIT FHM7 | \$162   | N/A      | N/A     | N/A   |
| <b>Drive Train Y-Axis Drawing 24292</b> |  |         |          |         |   |
| 24501                                   | BALLSCREW- Y AXIS - FHM7/RX7             | \$1,580 | N/A      | N/A     | N/A   |
| 24479                                   | BEARING- (PAIR)-X/Y AXIS                 | \$254   | N/A      | N/A     | USE 24513 - XY AXES   |
| 23940                                   | BEARING-ANGULAR CONTACT-U/SET (2)-7205 B | \$255   | N/A      | N/A     | SET OF 2 FOR Z AXIS   |
| 26198-1                                 | BEARING-DEEP GROOVE                      | \$45    | N/A      | N/A     | X AXIS, REPLACES 6204ZZ   |
| 670-5M-15                               | BELT TIMING                              | \$88    | N/A      | N/A     | Y AXIS  |
| HT-077-7                                | BLOCK-BEARING RX7 Y-AXIS                 | \$49    | N/A      | N/A     | N/A   |
| 24504                                   | COVER-WAY-Y AXIS FRONT-FHM7/RX7          | \$751   | N/A      | N/A     | N/A   |
| 24506                                   | COVER-WAY-Y AXIS REAR-FHM7/RX7           | \$751   | N/A      | N/A     | N/A   |
| 24509                                   | GIB-Y AXIS-BOTTOM                        | \$130   | N/A      | N/A     | N/A   |
| 24508                                   | GIB-Y AXIS-SIDE                          | \$130   | N/A      | N/A     | N/A   |
| 21946                                   | HANDWHEEL - ELECTRONIC X/Y AXIS          | \$833   | 21946R   | \$692   | X & Y AXIS  |
| 24428                                   | **OBSOLETE** MOTOR ASSY-4055             | \$1,659 | 24428R   | 1371    | N/A   |
| 24519                                   | NUT-LOCK-Y AXIS REAR RX7/FHM7-BS         | \$45    | N/A      | N/A     | USED ON Y AXIS  |
| 24544                                   | PULLEY-Y AXIS BALLSCREW                  | \$172   | N/A      | N/A     | N/A   |
| 24101-7                                 | SERVO DRIVER SERIES                      | \$916   | 24101-7R | \$832   | N/A   |
| HT-028-7A                               | Y AXIS BRACKET BEARING CROSS FEED FHM7   | \$88    | N/A      | N/A     | N/A   |

| <b>Drive Train Z-Axis</b> |  | <b>Drawing 16790-1</b>       |                   |         |   |
|---------------------------|--|------------------------------|-------------------|---------|---|
| 24502                     | BALLSCREW- Z AXIS - FHM7                 | \$1,990                      | N/A               | N/A     | N/A   |
| 24513                     | BEARING-ANGULAR CONTACT-U/SET-Z-AXIS     | \$255                        | N/A               | N/A     | Z AXIS  |
| 24512                     | BEARING-DEEP GROOVE                      | \$45                         | N/A               | N/A     | N/A   |
| 425-5M-15                 | BELT - TIMING 5MM POWERGRIP              | \$88                         | N/A               | N/A     | X-AXIS  |
| 24523                     | COVER-EXPANSION-Z BALLSCREW-FHM7         | \$335                        | N/A               | N/A     | N/A   |
| 24522                     | COVER-WAY-Z AXIS TOP - FHM7              | \$335                        | N/A               | N/A     | N/A   |
| 24511                     | GIB-Z AXIS-REAR- FHM7/RX7                | \$130                        | N/A               | N/A     | N/A   |
| 24510                     | GIB-Z AXIS-SIDE-FHM7/RX7                 | \$130                        | N/A               | N/A     | N/A   |
| 21774                     | HANDWHEEL - ELECTRONIC Z-AXIS            | \$833                        | 21774R            | \$692   | Z-AXIS  |
| 24428                     | **OBSOLETE** MOTOR ASSY-4055             | \$1,659                      | 24428R            | 1371    | N/A   |
| 24520                     | NUT-LOCK-FRONT Y/RIGHT X AXIS RX7/FHM7   | \$45                         | N/A               | N/A     | USED ON Z AXIS BALLSCREW                                  |
| 24515                     | NUT-LOCK-Z AXIS BS RX7/FHM7/30120 X AXIS | \$91                         | N/A               | N/A     | N/A   |
| 24542                     | PULLEY- Z AXIS BALLSCREW                 | \$172                        | N/A               | N/A     | N/A   |
| 24518                     | SCREW-GIB-TOP-Z-AXIS-V7/FHM7/RX7         | \$13                         | N/A               | N/A     | N/A   |
| 24101-7                   | SERVO DRIVER SERIES                      | \$916                        | 24101-7R          | \$832   | N/A   |
| 24427                     | SPROCKET-26 TEETH                        | \$63                         | N/A               | N/A     | FOR Z AXIS MOTOR  |
| <b>Electric Box</b>       |  | <b>Drawing 20676/24999-1</b> |                   |         |   |
| 25111-DPMV7/FHM7          | AC DRIVE PROGRAMMED 15 HP W/CABLE-V1000  | \$2,979                      | 25111-DPMV7/FHM7R | \$2,901 | REPLACES - 24084-DPMV7/FHM7, R UNIT NOT NORMALLY IN STOCK |
| 24999-1                   | ENCLOSURE ASSY-CABLE BREAKOUT - OBSOLETE | N/A                          | 24999-1R          | \$525   | REPLACES 23050-1  |
| 24042-1                   | OBSOLETE. PLEASE SEE 24042-1R            | \$801                        | 24042-1R          | \$875   | N/A   |
| 22890-500                 | RESISTOR-BRAKING-500 WATT, 30 OHM        | \$130                        | N/A               | N/A     | 3 RESISTORS REQUIRED                                      |
| 21828                     | SWITCH-AC ON/OFF                         | \$45                         | N/A               | N/A     | N/A   |
| <b>Options</b>            |  |                              |                   |         |   |
| 22581-1                   | AIR GUN ASSY ONLY -TORQUE RITE POWER DRA | \$916                        | N/A               | N/A     | N/A   |
| 24538                     | DRAWBAR-MANUAL-FHM7/DPMV7                | \$103                        | N/A               | N/A     | N/A   |
| 24165-CAT                 | DRAWBAR-V7-CAT                           | \$202                        | N/A               | N/A     | USE SPACER 24166  |
| 24165-NMTB                | DRAWBAR-V7-NMTB                          | \$202                        | N/A               | N/A     | USE SPACER 24166  |
| 20667                     | LAMP - WORK LAMP KIT                     | \$452                        | N/A               | N/A     | N/A   |
| 22291-3                   | LUBE PUMP W/CABLE-110VAC-M10, FHM7       | \$552                        | N/A               | N/A     | 440 volt option   |
| 22581-4                   | NOSEPIECE-TORQUE RITE SPINDLE, GOLD      | \$123                        | N/A               | N/A     | GOLD COLOR PIECE  |
| 24551                     | NOZZLE-COOLANT - FHM7                    | \$45                         | N/A               | N/A     | N/A   |
| 23265                     | PUMP COOLANT 1/8 HP                      | \$500                        | N/A               | N/A     | N/A   |
| 20142                     | RSG HOLDER, KIT                          | \$46                         | N/A               | N/A     | N/A   |
| 25701                     | SHIELD-SPLASH-3 PACK                     | \$135                        | N/A               | N/A     | N/A   |
| 25207                     | SHIELD-SPLASH-MAG BASE                   | \$71                         | 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   |
| 24166                     | SPACER-DPMV7-DRAWBAR                     | \$13                         | N/A               | N/A     | N/A   |
| 24539                     | SPACER-MANUAL DRAWBAR-FHM7/DPMV7         | \$13                         | N/A               | N/A     | N/A   |
| SHIELD/BASE               | SPLASH SHIELD AND MAGNETIC BASE          | \$110                        | N/A               | N/A     | N/A   |
| 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 |
| 21258-4-MOD    | TRANSFORMER-1.6KVA                       | \$516     | N/A          | N/A | N/A |
| <b>Manuals</b> |  | <b>CD</b> | <b>Print</b> |     |     |
| 23298          | MANUAL - OFFLINE, VM/SM/VL/SL CNC        | \$50      | \$90         |     | N/A |
| 25083          | MANUAL-SMX-FHM5-FHM7-SERVICE             | \$50      | \$90         |     | N/A |
| 24495          | STOCK MANUAL-DPMSX3, DPMSX5,DPMSX2 PT SM | \$50      | \$90         |     | N/A |