EZ Path II Parts Replacement Guide

PC Components

002545	Motherboard Upgrade Kit	Single Board Computer, Passive Backplane & Keyboard Adapter Cable for use in Non-CIB DX-32 Controls
11591326	Disk On Module	256MB IDE Solid State Hard Drive replacement formatted in DOS6.22. (replaces factory original flash disks, disk on chip & standard hard drive devices)
001335	Software Recovery	EZ Path Software Recovery Diskettes
31943465	PC Power Supply	250w AT style power supply

Operator Controls

002150	LCD Kit	Color LCD replacement kit replaces factory original 9" black and white CRT. Instructions included but may require minor modification.
005402	Keypad	Industrial grade keypad to replace factory original (custom printed to match factory original layout)
31542585	Keypad Cover	Clear protective cover for factory original keypad (this cover is not needed if you have our 001245)
000350	Pushbutton	"Start" momentary pushbutton, 22mm
000346	Pushbutton	"Hold" momentary pushbutton, 22mm
000487	Switch	"Spindle Hi/Lo maintained 2-position selector switch
000289	Switch	"Jog" momentary 3-position selector switch
000380	Pushbutton	"Emergency Stop" push to lock, twist to release
000133	Pushbutton	"Spindle Off" momentary pushbutton, green illuminated 24vdc

Controls on the remote operator station on the carriage

000380	Pushbutton	"Emergency Stop" push to lock, twist to release
000346	Pushbutton	"Select" momentary pushbutton, 22mm
000350	Pushbutton	"Start" momentary pushbutton, 22mm
000346	Pushbutton	"Hold" momentary pushbutton, 22mm
005227	Switch	Spindle Fwd/Rev 5-position drum switch located on carriage

Axis Drives

CACR-SR05BE12G (core required)	X Axis Drive	Re-manufactured axis drive replacement for factory original.
CACR-SR10BE12G (core required)	Z Axis Drive	Re-manufactured axis drive replacement for factory original.

Axis Motors

USAGED-05A22K (core required)	X Axis Motor	Re-manufactured motor replacement for factory original.
USAGED-09A22K (core required)	Z Axis Motor	Re-manufactured motor replacement for factory original.

Axis Cables

000321	X Axis Cable	X axis armature cable
000333	X Axis Cable	X axis encoder cable
000322	Z Axis Cable	Z axis armature cable (must specify bed length when ordering)
000334	Z Axis Cable	Z axis encoder cable (must specify bed length when ordering)

001087	Cable Package	Complete X Axis Cable Package (includes 000321, 000333, 000248, 000245, 000247)

Other Cables

001088	Cable	Pendant control cable
000248	Cable	Remote Operator Station Cable from back of remote operator box to electrical cabinet
000553	Wiring Harness	Internal wiring harness for the main operator pendant
000593	Wiring Harness	Internal wiring harness for the remote operator station on the carriage

Home/Limit Switch & Cable

000268	X, Z Limit Switch	Home switch for X and Z axis with straight roller plunger
000245	X, Z Limit Switch	X & Z axis limit switch cable
000247	Cable	Spindle Fwd/Rev drum switch cable

Circuit Boards

32944357 (core required)	Circuit Board	BMDC3SC, Re-manufactured, interchangeable with 32943059 BMDC3, 32944010 BMDC3S & 32944215 BMDC3SB, for use in Non-CIB Controls
32943059 (core required)	Circuit Board	BMDC3
32944010 (core required)	Circuit Board	BMDC3S
32944215 (core required)	Circuit Board	BMDC3SB
32942616 (core required)	Circuit Board	AUF, Re-manufactured

33942754 (core required)	Circuit Board	AUXBOB, Re-Manufactured with fused circuitry to protect the BMDC board from shorts on 12v circuit
33942756 (core required)	Circuit Board	AXSBOB, Re-Manufactured with fused circuitry to protect the BMDC board from shorts on 5v circuit

Encoders

000150	Encoder	600-Line Handwheel Encoder for X & Z axis (instructions included)
11865546	Encoder	1250-Line Spindle Position Encoder

Miscellaneous ELECTRICAL

000272	Air Filter	Round air filter, replaces #11597448A (10.4"OD x 7.9"ID x 5.8"H) custom manufactured for industrial use. **(DO NOT USE AUTOMOTIVE FILTERS; A 110V CABINET FAN IS NOT POWERFUL ENOUGH TO DRAW SUFFICIENT AIR FLOW THROUGH AN AUTOMOTIVE FILTER.)**
31507946	Fan	Control cabinet fan; replaces TA-600
001367	Overload	MOL2 overload assembly w/base 0.64 - 0.96A for spindle motor fan
001167	Overload	MOL3 overload assembly w/base 1.7 - 2.6A for EZ Path II

Miscellaneous MECHANICAL

001145	Belt	Spindle Drive Belt (4 required)
001093	Way Wipers	Way Wiper Set for EZ Path II (includes (2) front, (2) rear & (1) cross slide wiper)