

7E PARTS LIST

SAP PT #	Part #	Part Description
		CASE DOOR
05058004	29154	door rollers (clear door)
60053020	73184	door o-rings
02054147	90904	door roller assy
02054144	90903	door assy
02054148	90910	door switch (single)
90051697	90981	door switch (double)
02054146	90906	door motor assy
90051693	90942	door replacement kit
35051721	22100161	bracket screw(door switch)- 4/40 by 5/8 shcs
35051681	22100077	screw -(door switch to bracket) 2/56 by 3/8 bhcs
		Keypad
02054142	2907	Keypad assy
20054375	94559	keypad cable
		Motion Control
02054126	90543	Size leadscrew
02054125	90548	Bevel Leadscrew
15050480	70153	bearing insert repalcments
05057945	28205	rails bevel (need 2)
05057953	28257	rail - size short
05057952	28255	rail - size long
20053093	55322	servo motor
20053094	65520	coupler -servo
60053040	28211	Bevel Leadscrew nut assembly (no bearings/blocks)
60053041	28261	Size Leadscrew nut assembly (no bearings/blocks)
05057991	29103	Home Switch Vane
		Electronic Enclosure
05058006	29170	Card Cage 7E - 115V / 230V
05058021	29375	Card Cage 7EA- 115V / 230V
20053102	29171	USB 7E CARD CAGE - Send 95519 & 94631 WITH ORDER
90051718	95519	7E USB KEY
20054405	94631	USB TO DISK DRIVE
20054225	3180	Disk Drive
20054303	77920	I/O card
20054211	2900	Interface Board- front of cage
90051469	77341	Fuse - Drill rotation/ 1.25 A
		Axis
02054132	28316	Axis gearbox - hmsw style
02054298	90923	axis gearbox - encoder style
20053093	55322	servo motor
20053094	65520	coupler - servo
90051100	65168	shim .002
90051101	65169	shim .001
90051102	65171	shim .003

		Cutter Body/ Cutters
02054035	90825	cutter body assy -standard
02054033	90833	cutter body assy - hi luster
05057841	93148	cutter clamp- 7E
35051505	65232	torx screws - cutter clamp
02054036	90812	multi flute cutter assy
05058245	93131	cutter clamp - short / multi-flute
92007960	93930	groove wheel - large
92008080	93410	groove wheel - small
02054039	90832	cutter body 5 deg taper/ polish
02054040	90811	cutter body end mill
02054041	90828	cutter body front shelf rear bevel
02054038	90827	cutter body hi wrap 2 polish
02054037	90831	cutter body shallow polish
92007884	93072	carbide cutter (10 pk)
92008052	93074	coated carbide cutter
92008265	93075	cdp diamond cutter
		Chuck Motor / Clamping
15050481	90537	Chuck Motor
02054131	90539	clamp arm replacement kit
05057961	28374	clamp arm - new
35051478	22100481	sholder screw - new
35051479	90538	lead-screw assy- new
02055340	90077	Right side clamp 22mm (long black)
92007952	90089	Right side clamp - vario 22mm (short white)
02054872	90043	right side clamp- vario 19mm (short white)
90051626	90044	right side clamp 19mm (long black)
02055341	90076	right side clamp - 17mm (long black)
92007953	90083	right side clamp - vario 17mm (short white)
92007962	90177	taper plug (6 pk) 22mm
92007963	90178	taper plug (6 pk) 17mm
92008211	73168	taper plug (individual) 17mm
60053081	73162	taper plug (individual) 19mm
90051109	73166	taper plug (individual) 22mm
05058167	87262	force guage
05058194	90369	force guage assy kit
90051110	73182	right side clamp -o-ring - rear
05058170	87433	chuck alightment tool
		Monitor/ Display
02054141	90975	Monitor /Display
20054214	2914	Backlight Inverter board-90975 display
05057840	90974	Backlight Inverter kit-90907 display 2913 board
	94556	Display Cable
20054212	2906	display interface board
		Extra's
92007956	87605	pattern blanks (ST109-C)
60053023	88501	6 base x 3mm test blanks
05058225	90781	Dressing Kit- Polishing Sticks
90051657	90681	Cleaning Kit - Dry Polish Stick
20054400	94609	Service Jumper
20054398	94602	Jumper - No Drill
90051709	94507	Reverse Jumper - Speed control
90051116	87501	pin extractor tool
20054345	94504	cheater cord - stand vac to c-19
90051103	65411	cleaning wheel
20054344	94503	Jumper - Speed control
		Probing
02054129	90895	Probe assy
02054130	90922	c-body assy 7E
	29386	c-body assy 7EA
92007957	27092	probe tips
		Power Supply
20053095	3406	5V power supply
20053096	90919	24V power supply
02054133	90920	Power Supply Plate assy
20053135	77324	Power supply fuse
20054279	77205	on/off switch 7E
20054356	94520	wire (AC input to switch) white
20054357	94521	wire (AC input to switch) black
20054358	94522	wire (switch to line filter) white
20054359	94523	wire (switch to line filter) black

90051434	77099	power cord 7E
90051600	87445	Non-Conductive Screw Driver

Cutter Motor/ Vacuum

20053098	80733	cutter motor -no break
90051652	90594	motor controler - 115v
02054139	90599	motor controler - 230V
20054282	77292	wall - switch - motor
05057836	87181	vacuum - 115 v
20053103	87182	vacuum - 230 V
90051117	90153	vac motor replamcent kit - 115
90051111	80212	vac motor - 115V
20053104	48131	vac motor - 230 V
92007959	90140	vac bags - 25 count
92008416	90145	vac bags - 10 count
02054134	90900	relay - vacuum / cutter motor
02054143	90913	vac switch assy - 3 position

Coolant

02054299	28471	Coolant bottle assy internal
02054136	90767	water solenoid - internal coolant
90051694	90945	coolant bottle assy external kit
02054135	90938	coolant bottle assy external
02054300	90946	water solenoid - external bottle
20054399	94604	cable assy external bottle
02054154	90694	filter assy - coolant bottle
90050982	75158	filter element
20053101	94598	coolant interface board assy - wired
20053135	77324	fuse - coolant - 2.5 amp
92007958	29104	sponge - 7E
92007964	75170	Tri - Cool
60053083	74241	Blue Water Line

Wiring / Boards

20054208	94535	50 pin cable
20053099	2901	size interface card
20054209	94537	wire - size interface to chuck interface
20053100	2902	chuck / axis interface card- electric chuck
90051144	2903	chuck / axis interface -air chuck
02054127	90799	home switch
		jumpers - axis board
20054400	94609	service jumper

Software

90051097	3328	system disk
90051178	3325	backup disk
90051179	3329	help graphics - (3 disks)

Drill

02054150	90908	drill assy
02054149	90909	drill spindle assy
	29203	drill bit - standard
92007907	29209	drill bit - left hand- long life
92008220	29218	drill bit - long life - standard
05058239	90972	groove assy upgrade kit
92007961	93936	groove blade - drill
02054554	90944	groove assy - no jumper- drill
02054151	77277	switch - upper drill
02054152	77278	switch- lower drill
02054156	90915	motor - spindle
02054157	90916	motor - pivot
02054155	29207	belt- drill
90051659	90692	pin gauge - 1.4 mm
90051469	77341	Fuse - Drill rotation/ 1.25 A

Chip Chute

05056675	29106	chip chute top (clear part only)
02054138	90901	chip chute assy
02054137	90373	solenoid assy
60053076	73061	spring (chip chute)
05057966	28456	hinge
05058208	90531	chip chute top assy (with manifold)
20054347	94509	solenoid wiring harness
05057966	28456	sponge bracket
92007958	29104	sponge 7E

Assembly	Assembly Description	Quantity	
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90993 (02056268)	AXIS ASSEMBLY w/ENCODER, BEARING STYLE		1
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Assembly	Assembly Description	Quantity	
90994 (02056267)	AXIS ASSEMBLY w/HOME SWITCH, BEARING STYLE		1