

Sections

Exterior - Tornado 2

Exterior - Original Tornado

Exterior - Starbucks Custom

Control Panel

Right Panel Removed

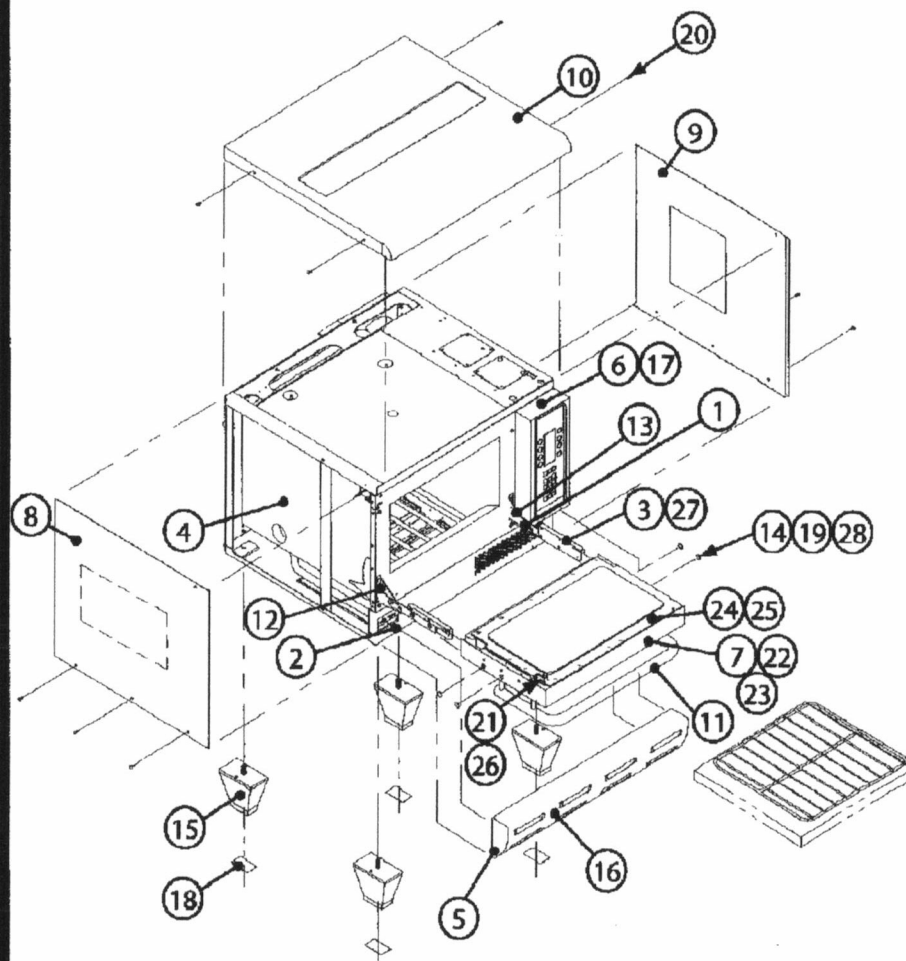
Right Panel Removed - Cont.

Back Panel

Switch Detail

Miscellaneous

Tornado 2 Oven

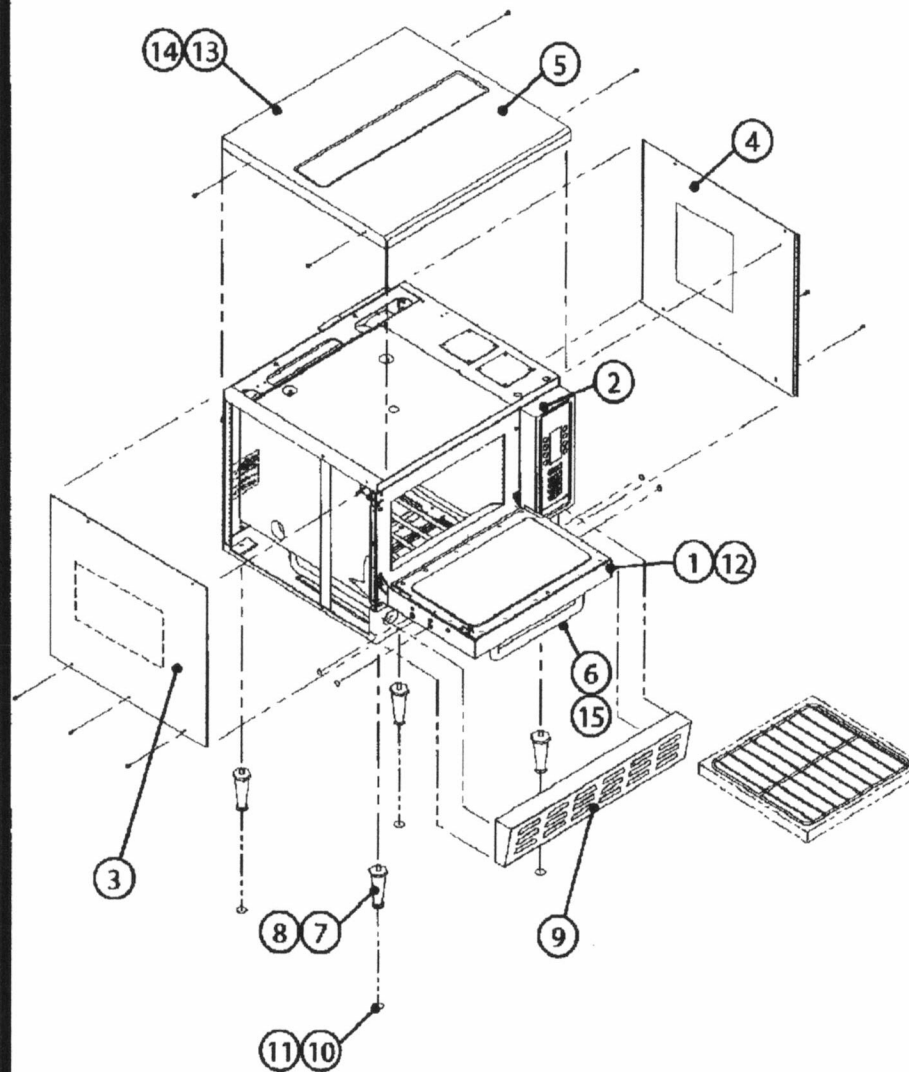


#	P/N	Description
1	102809 (x2)	#8-32 x 3/16" CS4 100
2	101192 (x4)	Bolt, St. #8-32 1/2"
3	NGC-1061 (x2)	Black Door Hinge, NGC
4	NGC-1157	Clamp, Thermostat
5	10337 (x4)	Clip, Bolt Stud
6	NGC-1485	Cover, Display (Tornado 2)
7	NGC-1482	Cover, Door (Tornado 2)
8	NGC-1484-1	Cover, Left Side (Tornado 2)
9	NGC-1484-2	Cover, Right Side (Tornado 2)
10	NGC-1483	Cover, Top (Tornado 2)
11	NGC-1481	Handle, Door (Tornado 2)
12	102805	Hinge, Left
13	102801	Hinge, Right
14	101191 (x4)	Hole Plug, Cook Door
15	NGC-1187 (x1)	Leg (Tornado 2)
16	NGC-1401	Lower Access Panel with Clips (Tornado 2)
17	102162 (x2)	Nut, #8-32 External Tooth
18	NGC-1492 (x4)	Pad, Leg (Tornado 2)
19	101201 (x4)	Screw, #10-32 x 1/2, Hex. SS (NGC Door to Hinge)
20	102752 (x2)	Screw, #8-16 Short Metal Torx Security
21	102748 (x2)	Screw, Torx, I-15 Security #8-32 x 1/2"
22	NGC-3021	Service Kit, NGC Door Shunt Assy
23	NGC-3090	Service Kit, NGC Door (Tornado 2)
24	NGC-3010	Shunt Door Frame Seal, Kit
25	NGC-1062	Spacer, Plastic Shunt Frame
26	NGC-1075-2	Tab, Actuator, Door
27	102140 (x4)	Washer, #10, Flat, SS (NGC Door to Hinge)
28	102350 (x4)	Washer, Lock, Split

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Original Tornado Oven (differences from Tornado 2 oven)

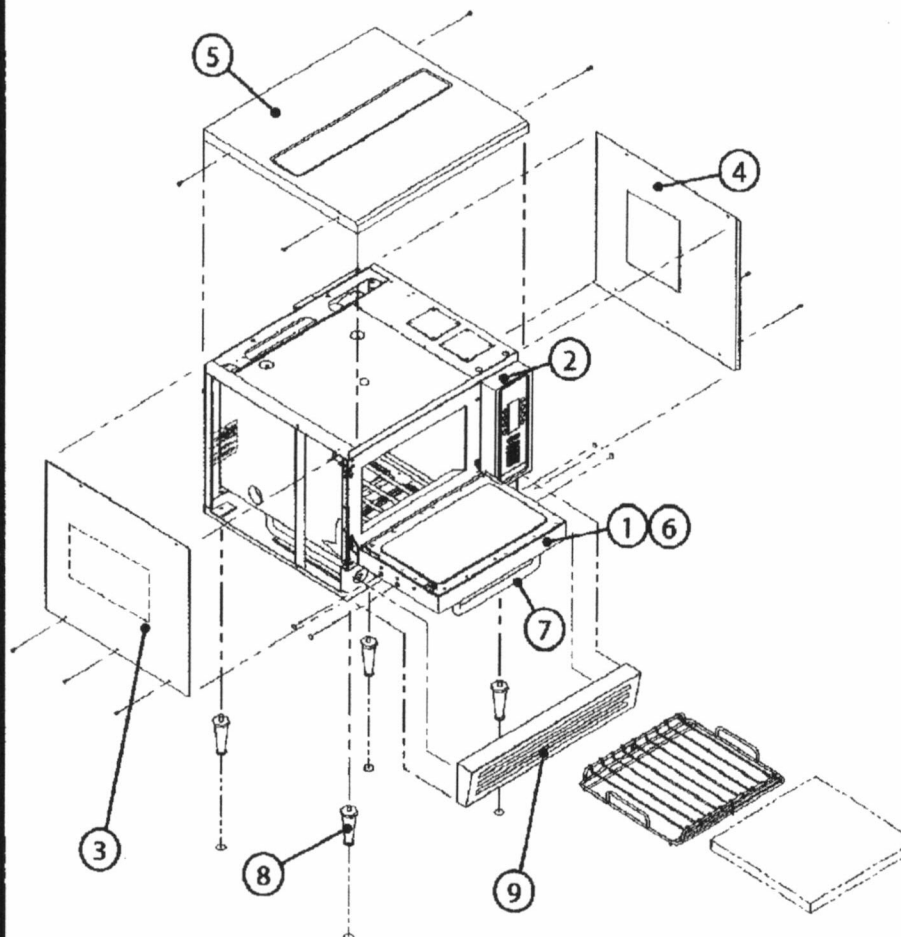


#	P/N	Description
1	NGC-1055	Cover, Door, NGC Oven
2	NGC-1041	Cover, Keypad, Display
3	NGC-1060-1	Cover, Left Side
4	NGC-1060-2	Cover, Right Side
5	NGC-1063	Cover, Top
6	102730	Handle, Door
7	100781 (x4)	Leg, 4 inch
8	100785 (x4)	Leg, Black, Plastic
9	NGC-1071-2	Lower Access Panel
10	NGC-1187	Pad, Abrasive, Non-slip
11	MGC-1440	Pad, Non-skid Neoprene (Pad for 100785, includes NGC-1187)
12	NGC-3067	Service Kit, Door w/ Packaging
13	NGC-3072	Service Kit, Insulation, for Top Heater, NGC
14	NGC-3022	Service Kit, Top Cover w/ Heater Insulation
15	T0350 (x2)	Spacer, Door Handle

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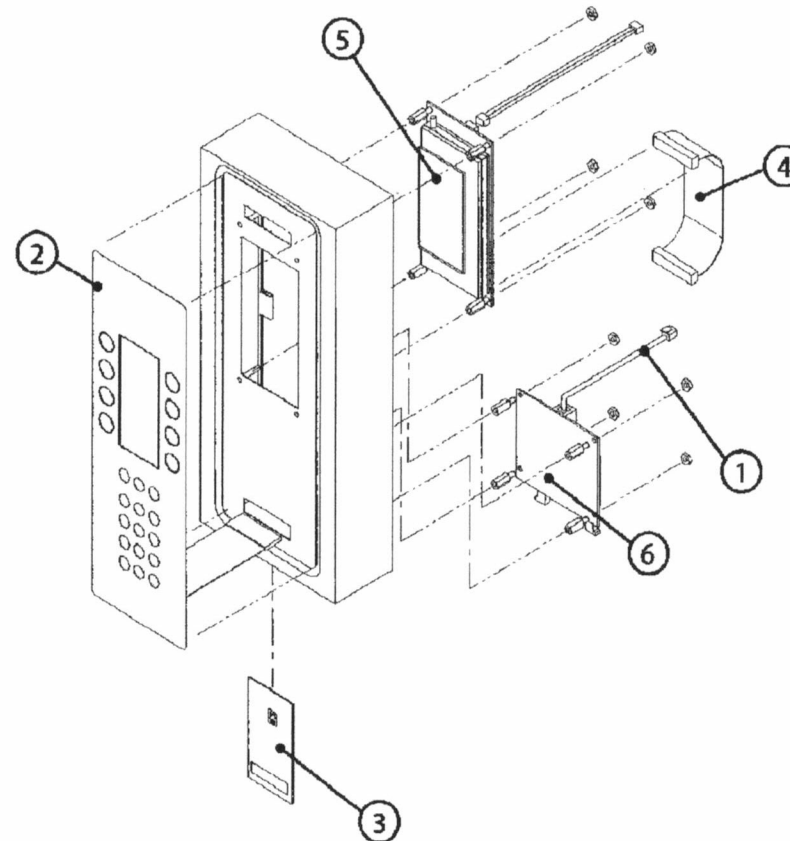
Starbucks Custom Oven (differences from original Tornado oven)



#	P/N	Description
1	NGC-1056	Cover, Door, NGC Starbucks
2	NGC-1209	Cover, Keypad/Display, NGC Starbucks
3	NGC-1213-1	Cover, Left Side, NGC Starbucks
4	NGC-1213-2	Cover, Right Side, NGC Starbucks
5	NGC-1211	Cover, Top NGC Starbucks
6	NGC-3067-2	Door Assembly, NGC Starbucks
7	NGC-1216	Handle, Door, Molded, NGC Starbucks
8	100758	Leg, 4" Aluminum, Black Powder-Coated, NGC Starbucks
9	NGC-1212	Lower Access Panel, NGC Starbucks

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* NOTE: To prevent air bubbles when laying the keypad, start by sticking one end of the keypad to the surface and then laying it across towards the other end. As you lay the keypad, ensure a proper seal.

#	P/N	Description
1	100182	Cable, Smart Card Reader
2	NGC-1495-1	Keypad, General Market, Black (Tornado 2)"
	NGC-1110-1	Keypad, General Market, Gray (Tornado 1)"
	NGC-1110-3	Keypad, Starbucks"
	NGC-1110-2	Keypad, Subway, Gray"
	NGC-1495-2	Keypad, Subway, Black"
3	100508	Menu Card, Blank
	Contact TurboChef	Menu Card, Custom
	NGC-1181-1	Menu Card, General Market
4	100184	Ribbon Cable, Display Harness
5	NGC-3023	Service Kit, VFD Display w/ Cable
6	100500	Smart Card Reader

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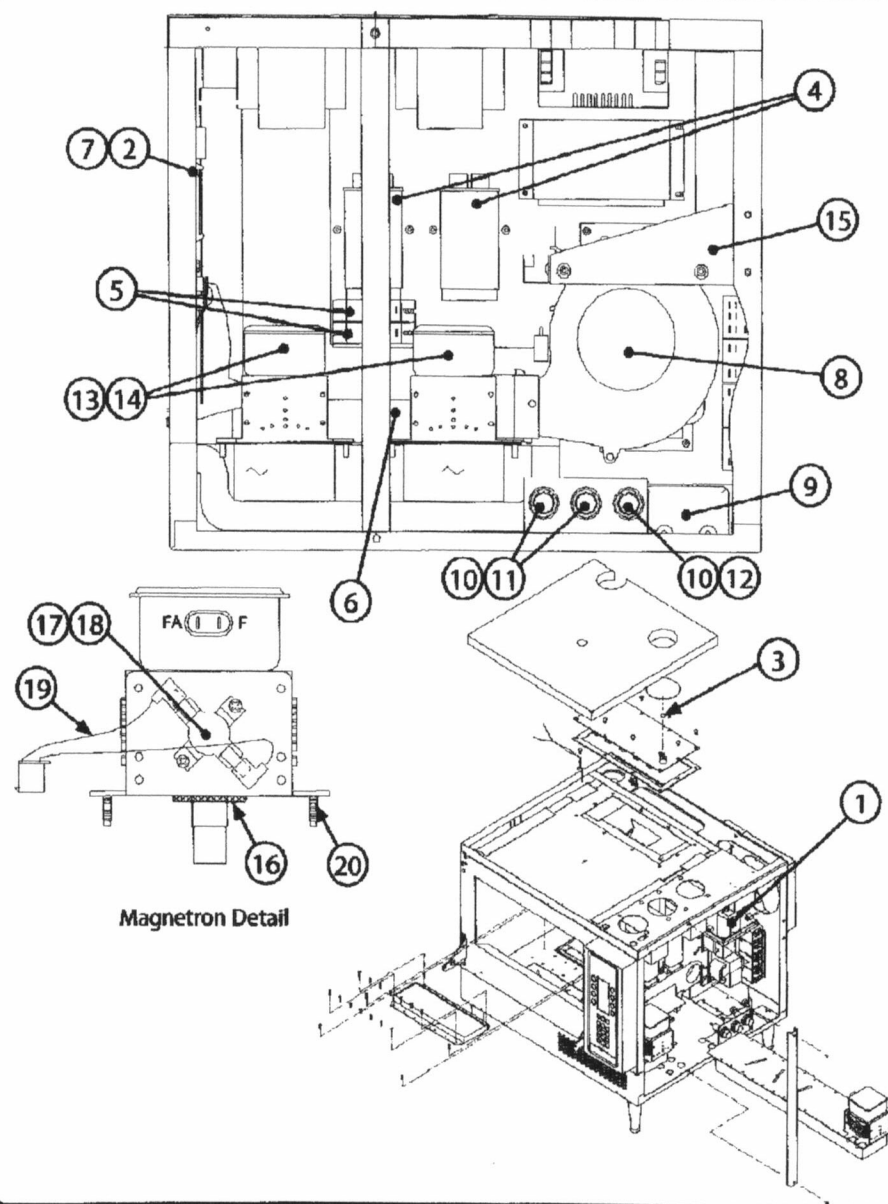
Right Panel Removed

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Back Panel

Switch Detail

Miscellaneous



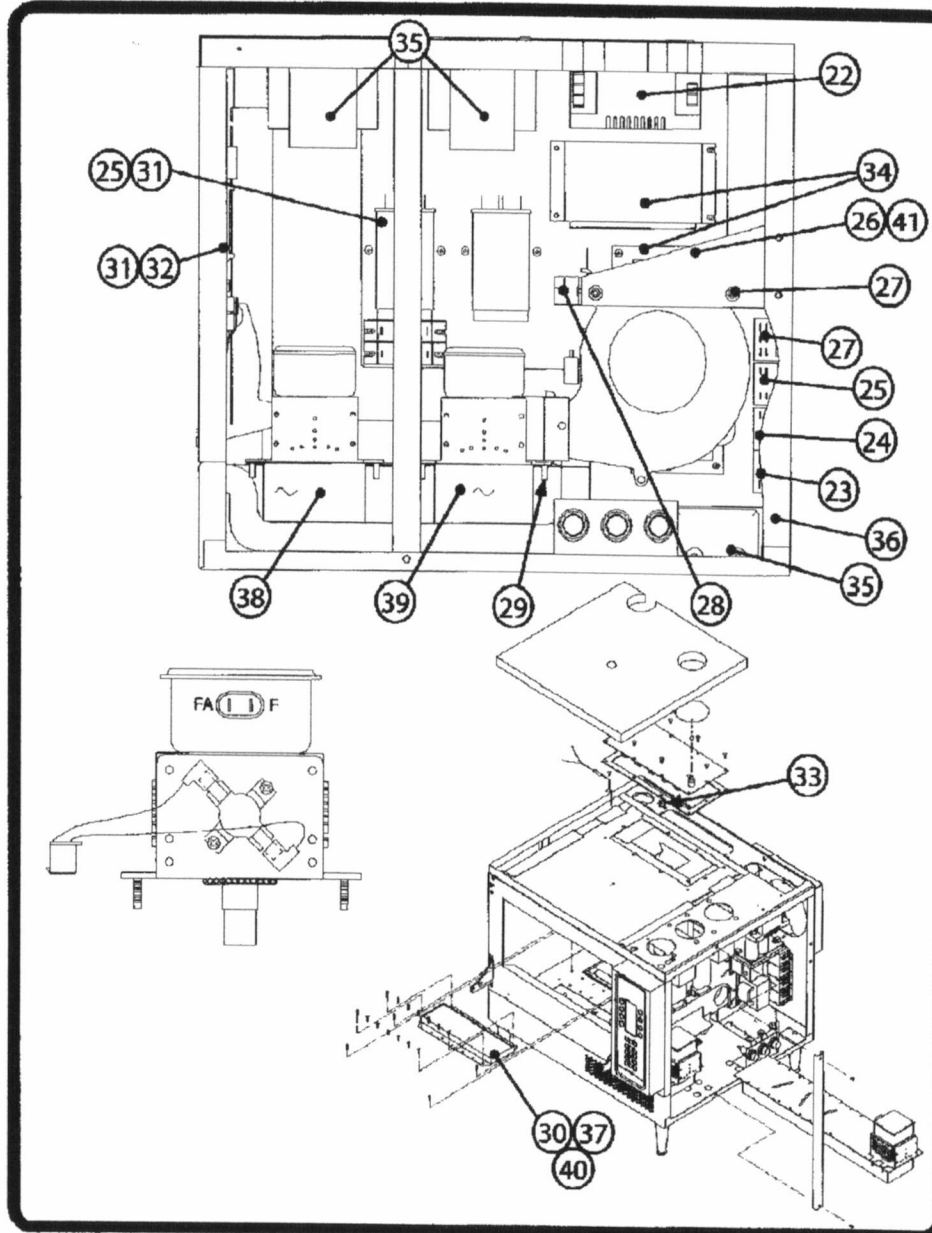
Magnetron Detail

#	P/N	Description
1	CON-3010	Blower Motor Controller (Discard Provided H43 Ebrons)
2	NGC-1826 (x2)	Bracket, Offset, I/O Board
3	100795 (x2)	Cap. Silicone Ultra-Bake (Heater Terminals)
4	NGC-3020 (x2) NGC-3020-2 (x2) 100707 (x2)	Capacitor Kit (60 HZ Non-Japan) Capacitor Kit (50 HZ Non-Japan) Capacitor HV Japan
5	100481 (x2)	Diode, High Voltage
6	NGC-1108	Diode, Magnetron Cooling
7	NGC-1099-XXXX	EPROM Control, NGC
8	100083	Fan, Magnetron Cooling
9	100545	Filter EMI, 3Ph, USA, Europe, Latin America, Japan
10	100545	Filter EMI, 3Ph, Europe, Asia Pacific, Korea, Japan
11	100186 (x3)	Fuse Holder
12	100592 (x2)	Fuse, 12 Amp
13	100599	Fuse, 20 Amp
14	NGC-3013 (x2)	Magnetron
15	100421 (x2)	Magnetron Connector
16	NGC-1097	Magnetron Cooling Fan Offset Kit (Tornado 2 only)
17	NGC-3014	Magnetron Casket (one foot)
18	102070	Magnetron Thermostat, Klaxon
19	NGC-1153	Magnetron Thermostat Insulator
20	100186	Magnetron Wire (Magnetron Thermostat Wire)
21	101001 (x4 per magnetron)	Nut, M5 Serrated Flange (Magnetron)

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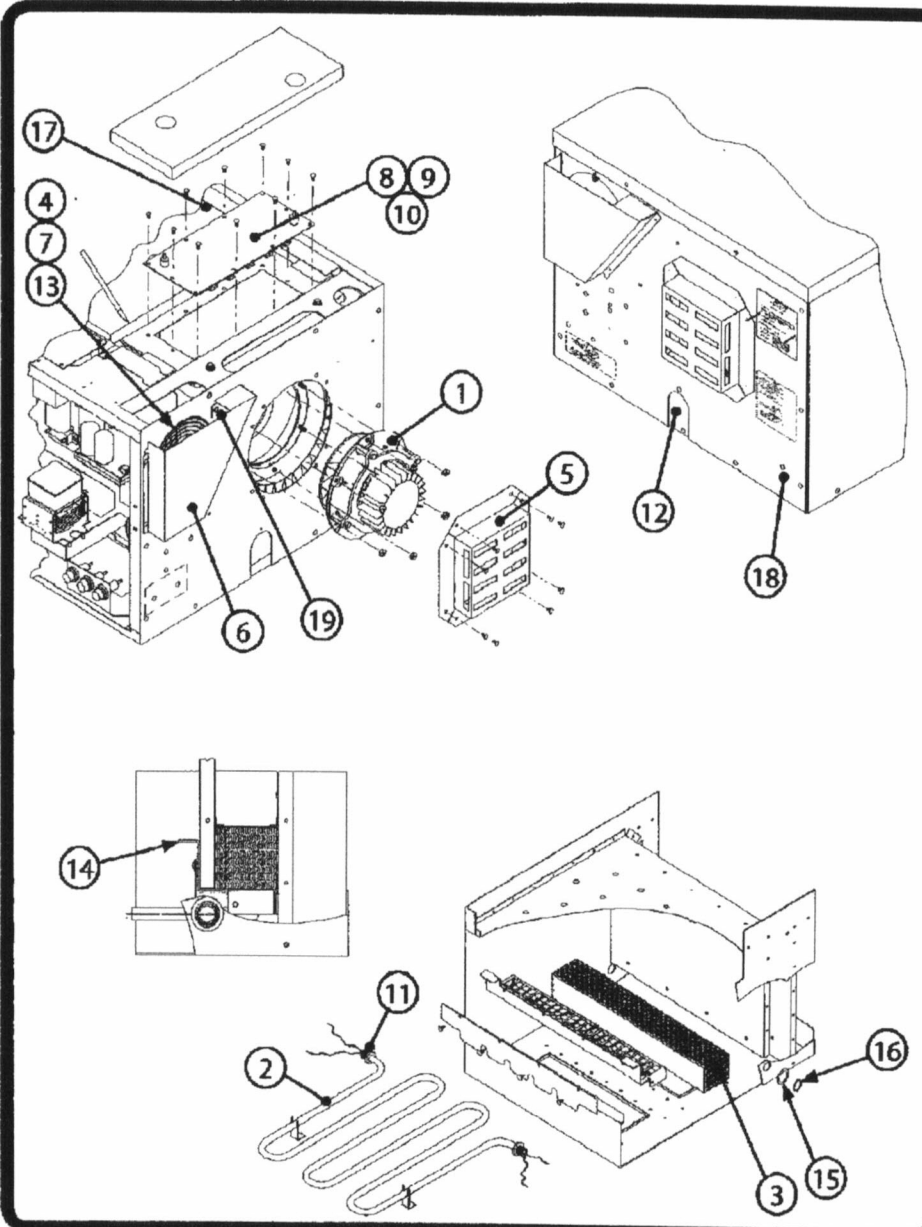
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#	P/N	Description
22	NGC-3060	Power Supply and Bracket Kit
23	101273	Relay, K1 Filament
24	101273	Relay, K2 HV Transformers
25	101273	Relay, K3 Monitor
26	NGC-3035	Relay, K4/K5 Solid State Dual 40-Amp
27	101272	Relay, K6 Voltage-USA 60-Hz
28	NGC-3030-X	Relay, K7 Mag Cooling Fan and Software Upgrade
29	101686 (x8)	Screw 8-32 x 1/2" Trim Head Cap (Waveguide Mounting)
30	102367	Sealant, RTV, Permatex, 3 ounce
31	NGC-3093	Sound Device, Alternate
32	700-1159	Thermocouple Electrical Compartment
33	102086	Thermostat, Snap Disk, N.O. Close on Rise 120°F
34	NGC-3061-1	Transformer, Filament, 60HZ (USA and Int'l, Non-Japan)
	NGC-3061-2	Transformer, Filament, 50/60HZ (Int'l, Non-Japan)
	NGC-3061-3	Transformer, Filament, 50/60HZ (Japan)
35	NGC-3062-1 (x2)	Transformer, HV, 60HZ (USA and Int'l, Non-Japan)
	NGC-3062-2 (x2)	Transformer, HV, 50HZ (Int'l, Non-Japan)
	NGC-3062-3 (x2)	Transformer, HV, 50/60HZ (Japan)
36	100783	Voltage Sense Module, 60 Hz (non-International)
37	NGC-3036	Waveguide Cover Kit
38	NGC-3016	Waveguide, Front, with Gasket, Kit
39	NGC-3017	Waveguide, Rear, with Gasket, Kit
40	NGC-1303	Waveguide Gasket, Stamped, 1/8"
41	NGC-3032	Wire Harness, 5-wire, Kit

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#	P/N	Description
1	NGC-1025	Assy. NGC Blower
2	NGC-3096	Bottom IR Element Kit
3	NGC-1012	Catalytic Converter
4	NGC-3077	Cooling Fan, Kit
5	NGC-1081	Cover Cap, Motor, Tornado
6	NGC-1082	Cover, Cooling fan, Tornado
7	100986	Finger Guard, Fan
8	NGC-1043	Gasket, Convection Heater
9	NGC-3011	Heater, Convection, Kit
10	NGC-3099	Heater Wires, Kit (Convection Element)
11	NGC-3091	NGC, AISI 316, IR Element, Grounding Clamp, Kit
12	100187	Power Cord, NEMA 6-30P (USA) - 200 or 240 VAC, 50 Hz, 1 ph
13	100185	Power Cord, IEC 309, 5-Pin (UK) - 230 VAC, 50 Hz, 1 ph
14	00194	Power Cord, IEC 309, 4 Pin (EU) - 230 VAC, 50 Hz, 3 ph
15	03195	Power Cord, IEC 309, 5-Pin (AU) - 400 VAC, 50 Hz, 3 ph
16	03187	Power Cord, IEC 309, 5-Pin (EU) - 400 VAC, 50 or 60 Hz, 3 ph
17	NGC-1390	Power Cord, NEMA 6-50 PSE, 3-blade (UK) - 200 VAC, 50 or 60 Hz, 1 ph
18	NGC-1383	Power Cord, NEMA 6-50 PSE, 4-blade (EU) - 200 VAC, 50 or 60 Hz, 3 ph
19	101408 (x2)	Screw, Hex HD, #10-32 x 1/2 Ls, CR6S (Heat cooling fan 50Hz)
20	NGC-1116	Shield, Microwave
21	102435	Shim Washer (IR Heater)
22	01312	Snap Ring (IR Heater)
23	NGC-1140	Thermocouple, Cook Chamber
24	102075	Thermostat, High Limit, EGO 300C Manual Reset, 2 Pole
25	NGC-2065	Vent Catalyst Housing Bracket, Kit

Tornado

HhB

HhB 2

Söta/NGO

i3

i5

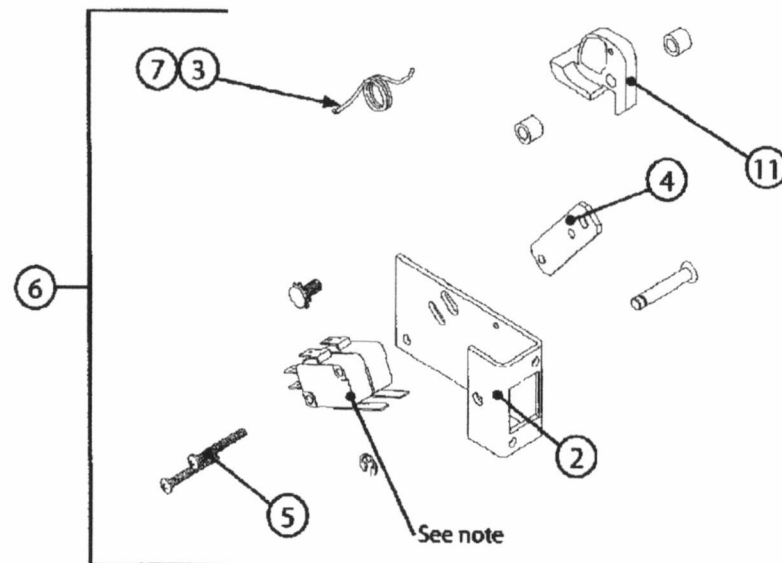
HhC 2020

DWO

SWO

Sections

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* NOTE: Item 6 must be modified for compatibility with ovens utilizing an isolated primary switch. See FSB-10057 for details.

#	P/N	Description
1	NGC-1070-2	Actuator, Door
2	NGC-1072	Bracket, Latch
3	NGC-3006	Door Switch Spring Grease Service Kit
4	NGC-1126	Plate, #4-40 Switch Plate
5	101557 (x2)	Screw, #4-40 x 1.25" FPH (Screw on Switch)
6	NGC-3037	Service Kit, Door Switch Replacement
7	NGC-1087	Spring, Door
8	101914	Stand-Off, #4-10 x 1.125" Dia. (Secondary switch)
9	101015	Stand-Off, #6-32 x 1.125" DIA. (Mount for switch)
10	102012	Switch, Door (Component)
11	NGC-1071	Toggle, Latch

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Back Panel

Switch Detail

Miscellaneous

#	P/N	Description
1	NGC-3074	3 Phase to 1 Phase Adapter Kit (Subway Only)
2	100755	BR T-15, Torx Security, 1/4 Hex
3	100174	Cable Mount, Adhesive Mount (Plastic Square Wire Mount)
4	100189	High Voltage Wire Assembly (Magnation High Tension Wires)
5	NGC-3050-X	I/O Control Board, Kit (Brzd), Extended Time (Non-Subway)
6	NGC-3052-X	I/O Control Board, Kit (Brzd, Non-Subway)
7	NGC-3053-X	I/O Control Board, Kit (Dual Temp)
8	NGC-3051-X	I/O Control Board, Kit (Dunkin')
9	NGC-3057-X	I/O Control Board, Kit (MP Dunkin')
10	NGC-3044-X	I/O Control Board, Kit (MP Generic)
11	NGC-3055-X	I/O Control Board, Kit (MP Starbucks)
12	NGC-3049-X	I/O Control Board, Kit (MP Subway)
13	NGC-3047-X	I/O Control Board, Kit (SP Generic)
14	NGC-3056-X	I/O Control Board, Kit (SP International Dunkin')
15	NGC-3042-X	I/O Control Board, Kit (SP Subway)
16	NGC-3046-X	I/O Control Board, Kit (SP Subway)
17	NGC-3054-X	I/O Control Board, Kit (Starbucks Auto-Ready)
18	NGC-3053-X	I/O Control Board, Kit (UK Starbucks)
19	NGC-3025-X	I/O Control Board, Kit (US Generic)
20	NGC-3043-X	I/O Control Board, Kit (US Starbucks)

#	P/N	Description
21	101189	Knock-out Plug (Over bottom)
22	NGC-3066	Magnation and Waveguide Cover Kit (International Distributors Only)
23	101686	Screw #8 x 1-1/2" SHL Metal PTH
24	NGC-1169-1	Shim, 0.030 THK Door Switch
25	NGC-1169-2	Shim, 0.045 THK Door Switch
26	NGC-1194	Shim, Switch Offset NGC
27	101283	Thermal Joint Compound, Silicone
28	NGC-1150-3	Wire Harness, Line Voltage, w/ Relays & Mount Plate, (Multiphase)
29	NGC-1150-1	Wire Harness, Line Voltage, w/ Relays & Mount Plate, (US Oven)
30	NGC-1150-2	Wire Harness, Line Voltage, w/ Relays & Mount Plate, (UK, Single phase)
31	NGC-1418	Wire Harness, Low Voltage, (1 left side door switch)
32	100185	Wire Harness, Low Voltage, (2 left side door switches)
33	NGC-1418-2	Wire Harness, Low Voltage, International Ovens, (1 left side door switch)