



REPAIR PARTS LIST

790.72583510

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In all orders or correspondence, avoid delays and misunderstandings by always giving the complete model number shown on the nameplate. The nameplate is located on the outside of the drawer frame.

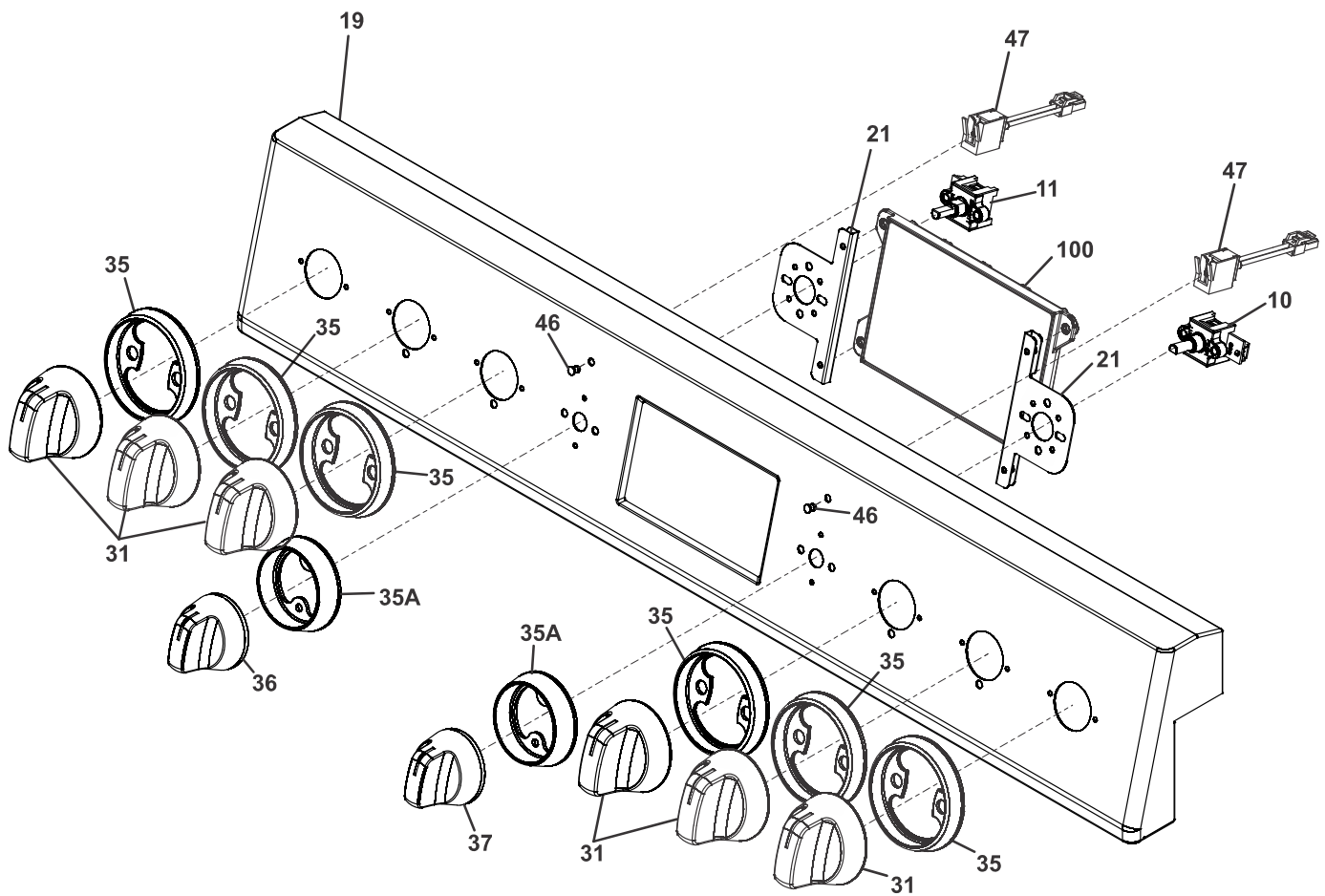
All repair parts listed are available for immediate purchase or special order when you visit your nearest Sears Parts & Repair Center, or the Service Department at most Sears stores. To order parts by phone, call the toll-free number listed to the left or visit sears.com.

When requesting service or ordering parts, always provide the following information:

- | | |
|----------------|--------------------|
| • Product Type | • Part Number |
| • Model Number | • Part Description |

BACKGUARD

CAUTION: Use the Kenmore part number to order part, not the illustration number.



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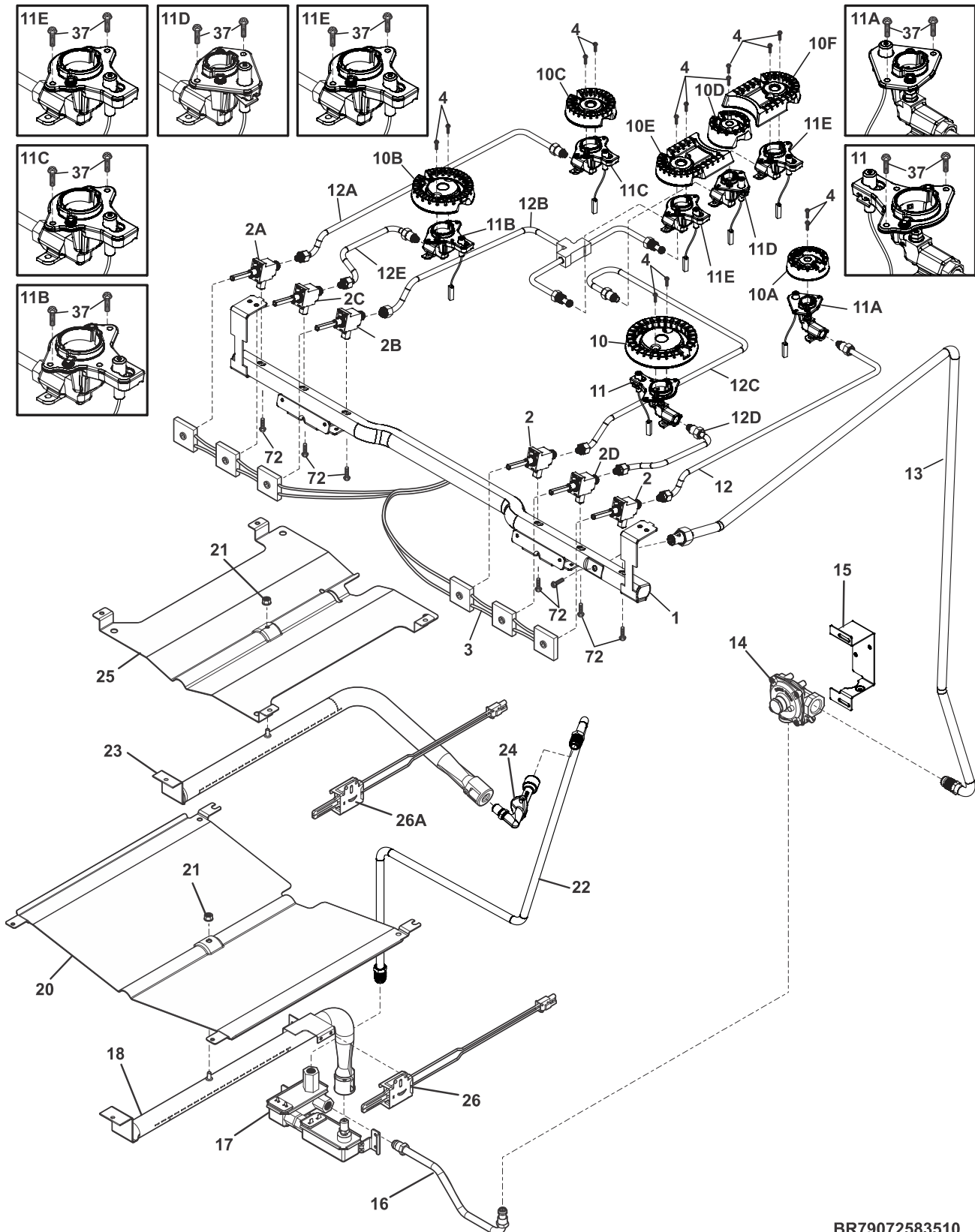
BACKGUARD

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POS. NO	PART NO.	DESCRIPTION
10 #	5304500592	Potentiometer, oven temp
11 #	5304500591	Potentiometer, oven mode
19	5304501904	Panel, control, stainless
21	5304501928	Bracket, control mtg., (2)
35	5304502885	Bezel, knob, stainless
35A	5304501905	Bezel, knob, oven controls
31	5304501907	Knob, top valve, stainless
36	5304502879	Knob, selector, stainless, oven
37	5304502880	Knob, temperature, stainless, oven
46	316557300	Lens-light/lamp, indicator, clear
47 #	316022509	Light/Lamp, indicator, white, w/harness
100#	808957405	Control Assembly, complete, HMI
* #	5304500175	Harness, wiring, communication, pcb
* #	5304502890	Harness, wiring, potentiometers
*	5995663415	Repair Parts Catalog
*	809126803	Owners Manual, eng/spn
*	5304502872	Service Data Sheet, wiring diagram
*	809127202	Installation Instructions
*	808595622	Quick Start Guide
*	316021105	Screw, hex head cup pt, 8-18 x 0.375, black
*	316021109	Screw, 8-18 x 0.5, chrome
*	316021110	Screw, 8-18 x 0.5, black
*	5303288565	Screw, truss sqdr, 8-32 x 3/16, switch mtg

BURNER

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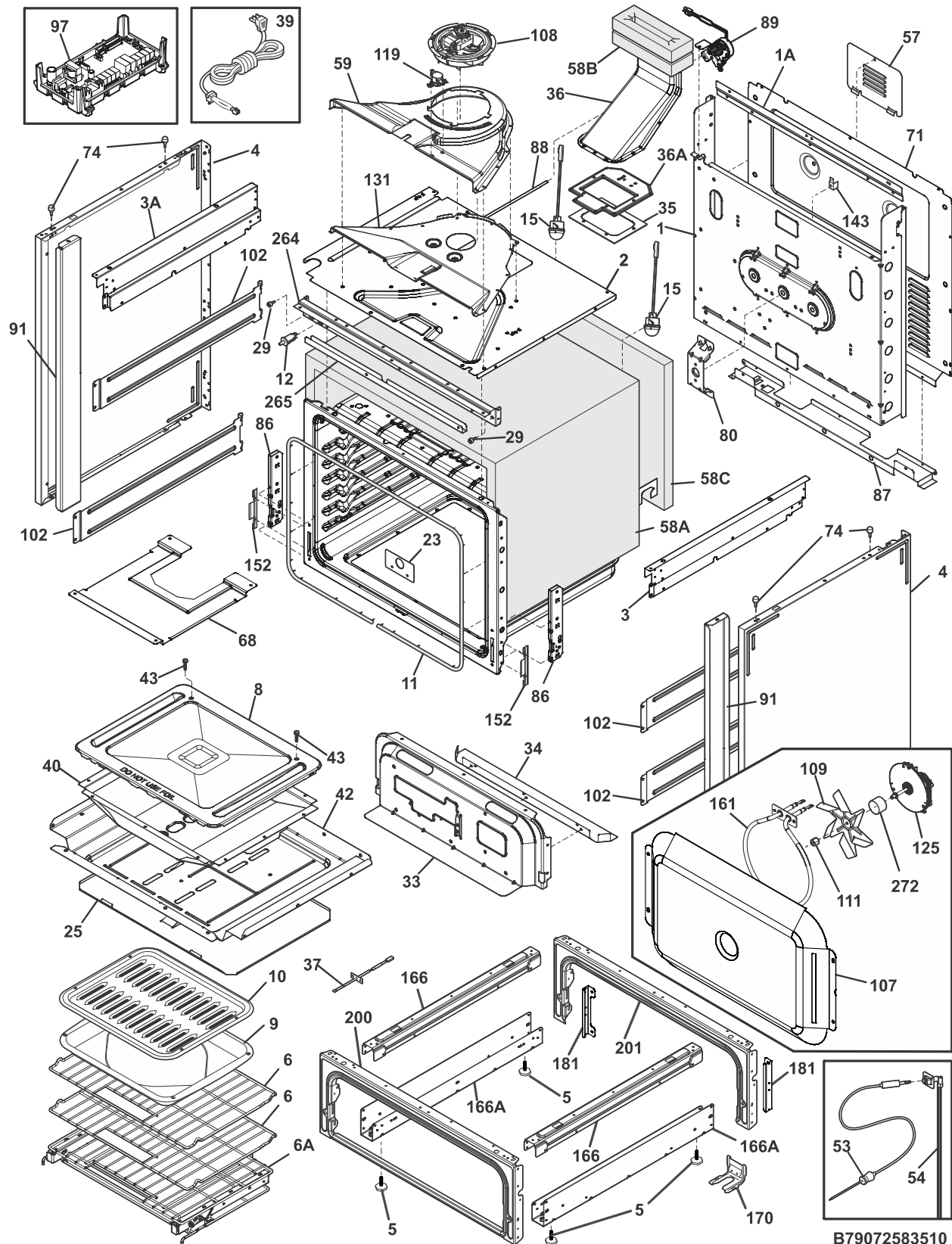
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BURNERCAUTION: Use the Kenmore part number to order part, not the illustration number.

POS. NO	PART NO.	DESCRIPTION
1 #	809145502	Manifold, pipe assembly
1*	5304501939	Clip, spring, (2)
2 #	5304502873	Valve, top burner, blue stem, 1125BTU
2A #	5304502874	Valve, top burner, white stem, 1500BTU
2B #	5304502875	Valve, top burner, clear stem, 2000BTU
2C #	5304502876	Valve, top burner, yellow stem, 2500BTU
2D #	5304502877	Valve, top burner, purple stem, 3000BTU
3 #	5304501936	Harness, ignition, w/6 switches
4	5304472956	Screw, hex wash, 6-32 x .485
10 #	316438400	Burner, sealed, 17K
10A#	316438200	Burner, sealed, 5K
10B#	316438600	Burner, sealed, 14K
10C#	316558300	Burner, sealed, 9.5K
10D#	5304500134	Burner, simmer, 3K, center
10E#	5304500135	Burner, simmer oval, 6K, front
10F#	5304500136	Burner, simmer oval, 6K, rear
11 #	5304500189	Ignitor/orifice assy., top burner, 18K, w/holder-wires
11A#	5304500184	Ignitor/orifice assy., top burner, 5K, w/holder-wires
11B#	5304500188	Ignitor/orifice assy., top burner, 12K, w/holder-wires
11C#	5304500186	Ignitor/orifice assy., top burner, 7.5K, w/holder-wires
11D#	5304500185	Ignitor/orifice assy., simmer burner, center, 3K, w/holder-wires
11E#	5304500187	Ignitor/orifice assy., simmer burner, 6K
12	5304501914	Tube, burner, RR, 5K
12A	5304501915	Tube, burner, LR, 7.5K
12B	5304501913	Tube, burner, outer, simmer
12C	5304501918	Tube, burner, inner, simmer
12D	5304501916	Tube, burner, RF, 18K
12E	5304501917	Tube, burner, LF, 9K
13 #	5304501912	Tube, main supply
14 #	316416705	Regulator, pressure
15	318262811	Bracket, regulator
16 #	5304500115	Tube, regulator, to safety
17 #	316031501	Valve, safety
18 #	5304502520	Burner, bake
20	139005100	Baffle, bake burner
*	316089500	Screw, 10-16 x .486
21	5303013272	Nut, hex head sems
22 #	5304500114	Tube, supply, broil
23 #	5304499689	Burner, broil
24 #	5304500107	Mixer Elbow, broil
25	316401301	Baffle, broil burner
26 #	139013700	Ignitor, bake burner
*	316418901	Screw, trilobe, 10-32 x 5/16", black
26A#	139013701	Ignitor, broil burner
37	316540900	Screw, burner, head mtg, (8)
72	316215600	Screw, valve mtg., 1/4 - 20
* #	808695309	LP Conversion Kit
* #	808041201	Harness, wiring, oven ignitors
*	316021105	Screw, hex head cup pt, 8-18 x 0.375, black
*	316021109	Screw, 8-18 x 0.5, chrome
*	316021110	Screw, 8-18 x 0.5, black

BODY

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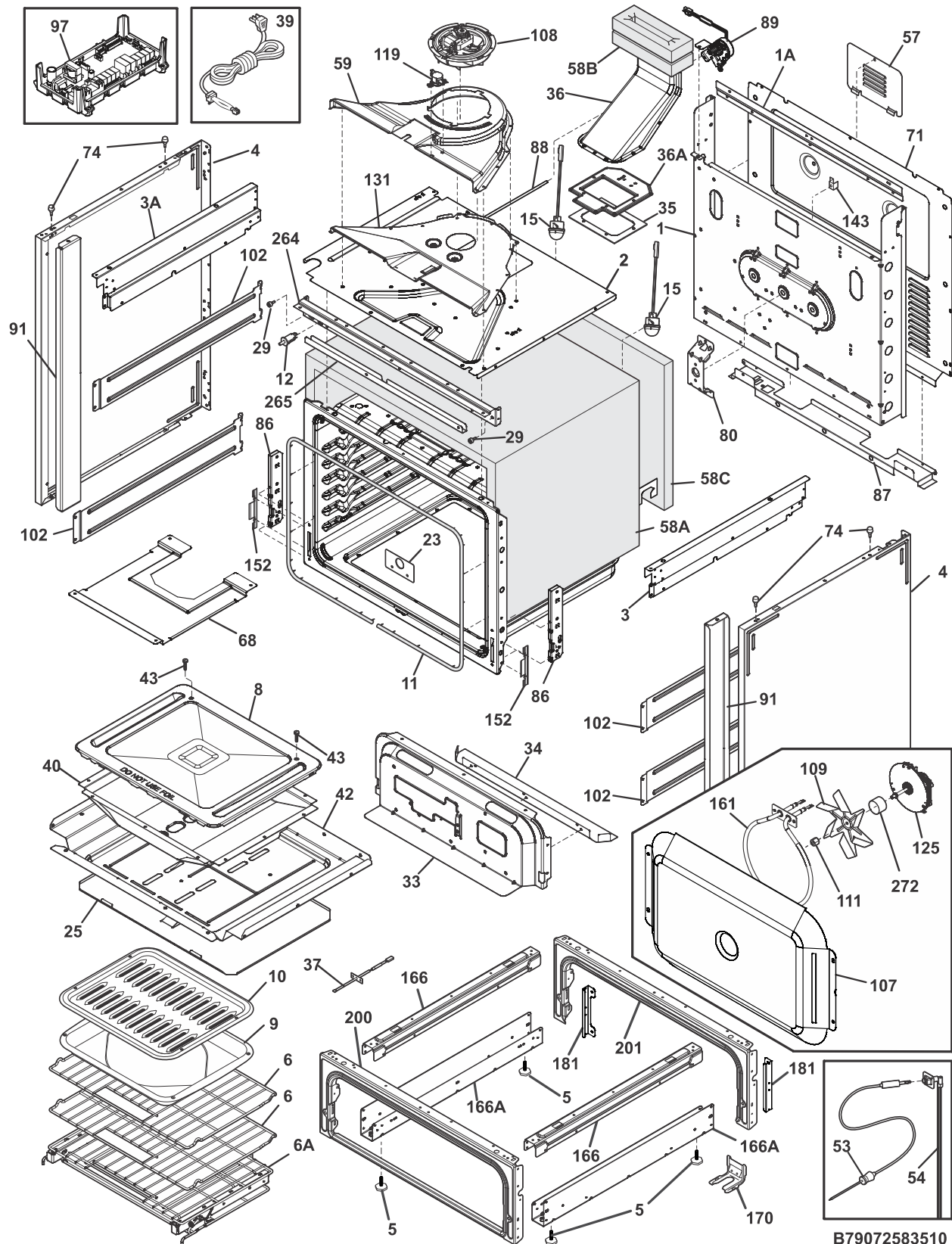
BODY

CAUTION: Use the Kenmore part number to order part, not the illustration number.

POS. NO	PART NO.	DESCRIPTION
1	809146001	Panel, main back
1A	5304500171	Bracket, wire filler, rear
2	809145701	Shield, insulation, top
3	809128202	Panel, upper side, RH
3A	809128201	Panel, upper side, LH
4	807226102	Panel, bodyside, black, (2)
5	5304501934	Leg, leveling
6	139011603	Rack, oven, w/handle
6A	139013311	Rack Assembly, gliding, w/handle
8	139005003	Panel, oven bottom
9	318138801	Pan, broilerOPTIONAL ACCESSORY
10	318126401	Insert, broiler panOPTIONAL ACCESSORY
11	139036701	Seal, oven door
12 #	318394802	Switch, light, door
15 #	139009000	Lamp Assembly, round, halogen, w/lens, w/bulb
15*#	318946500	BULB, halogen, G9, 25W, 120V
23	139004500	Cover, broil opening
25	318291900	Bracket, shield, lower
29	316517600	Spacer, oven door
33	808734801	Panel, valve mtg.
34	318289402	Panel, valve filler
35	318291300	Seal, flue cavity
36	5304500146	Fluebox, assembly
36A	139008301	Support, panel, flue
37 #	318562500	Sensor, oven temp probe
39 #	807108201	Cord, electric power
*	316001003	Screw, ground wire
40	139004700	Box, oven burner
42	139004800	Shield, heat, lower
43	3131732	Screw, 8-18 x 1.438, oven bottom
53 #	318601302	Probe, meat temp
54 #	139017203	Receptacle Assy, meat probe
57	316283600	Cover, access
58A	5304501901	Insulation, wrapper
58B	5304500152	Insulation, flue
58C	5304500109	Insulation, oven, back
59	139078000	Duct, cooling fan, top
59*	318579001	Bracket, wire
68	5304498079	Shield, broil burner, top
68*	316418901	Screw, trilobe, 10-32 x 5/16", black
71	809123201	Shield, rear, lower
74	318141910	Bumper, bodyside, (4)
80	139021100	Bracket, support, chassis/fan
86	139026900	Receptacle, hinge, dual spring
86*	316418900	Screw, sims lp, #8-32 x 5/16", black
87	318260641	Bracket, cable mtg.
88	808721601	Rod, door latch
88*	318167300	Clip, rod
88*	5303311164	Spring
88*	5304436864	Washer, flat
89 #	808721801	Motor Assy., door latch

BODY

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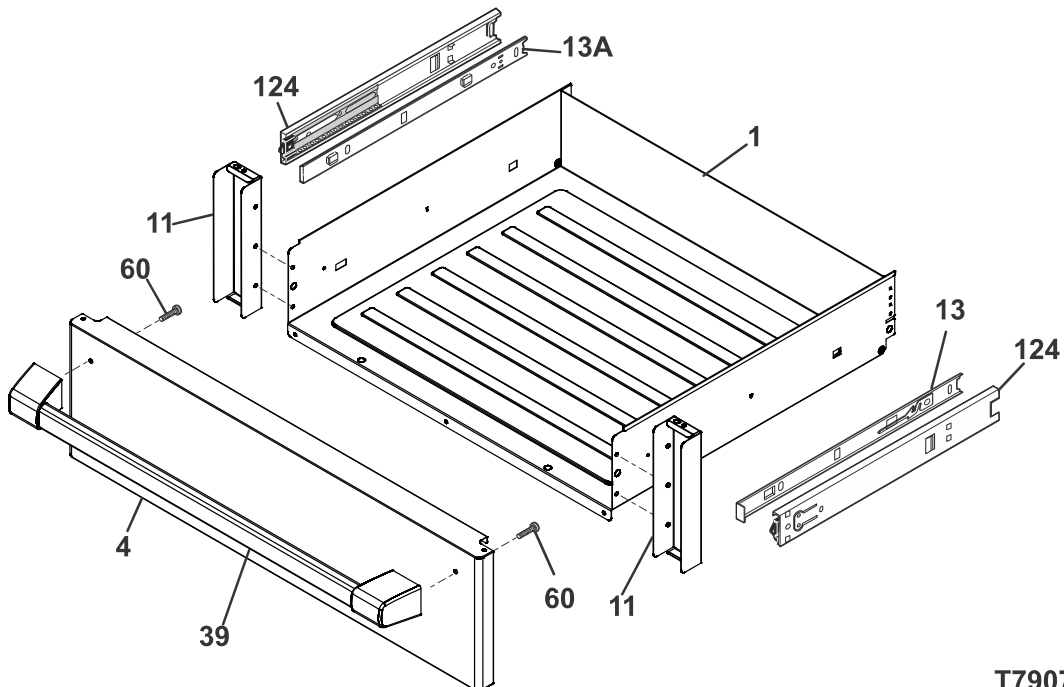
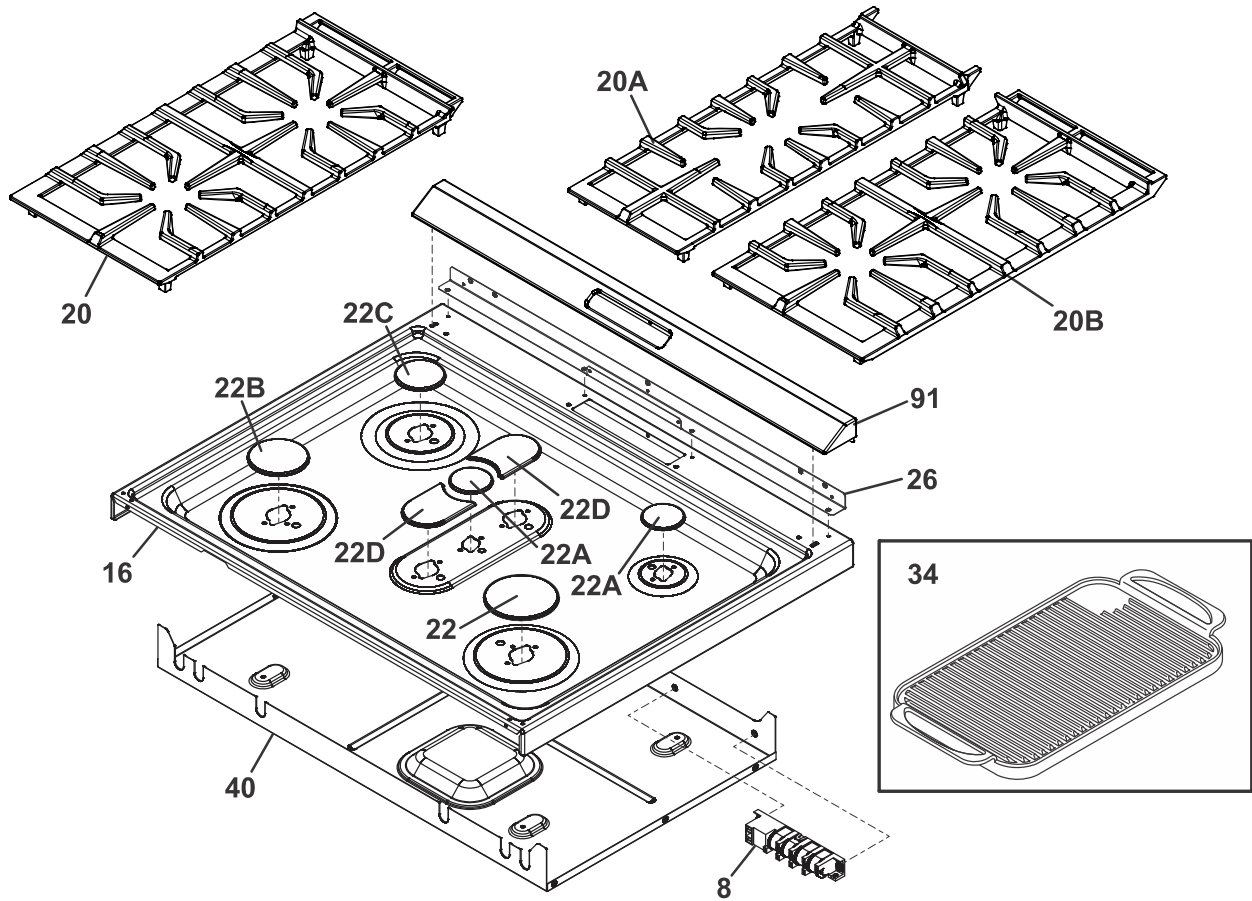
BODY

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POS. NO	PART NO.	DESCRIPTION
91	5304501016	Bracket, side cavity, long, (2)
97 #	316472802	Circuit Board, assembly, OVC1, w/housing
102	139004100	Panel, reinforcement, (2)
107	5304501920	Cover, fan, convection
108#	807123002	Motor Assembly, fan, no HE sensor
109	139009100	Blade, fan, convection
111	316136600	Nut, fan retainer
119#	807144901	Thermostat, safety, 110C deg
131	139078100	Duct, cooling fan, bottom
143	318172904	Support, wire
152	318338520	Bracket, lateral panel, (2)
161#	5304501929	Element, convection, 1000W
166	318298410	Bracket, base support, (2)
166A	318298405	Bracket, base support, lower, (2)
170	5304486410	Kit, anti tip, w/brkt & instru
170*	316116000	Screw, concrete, 1.75", anti-tip brkt
181	5304500125	Bracket, support, rear side panel, (2)
200	808734602	Frame, drawer front, black
201	808734603	Frame, drawer rear, black
264	809145304	Bracket, support, black, control panel
265	5304500138	Channel, support, front
272	139021700	Tube, convection fan
* #	5304502887	Harness, wiring, main
* #	808041201	Harness, wiring, oven ignitors
*	316021105	Screw, hex head cup pt, 8-18 x 0.375, black
*	316021109	Screw, 8-18 x 0.5, chrome
*	316021110	Screw, 8-18 x 0.5, black
*	807597603	Screw, self tapping, 8-18 x 11/32, (4)
*	5303289910	Screw, truss sqdr, 8A x 1"

TOP/DRAWER

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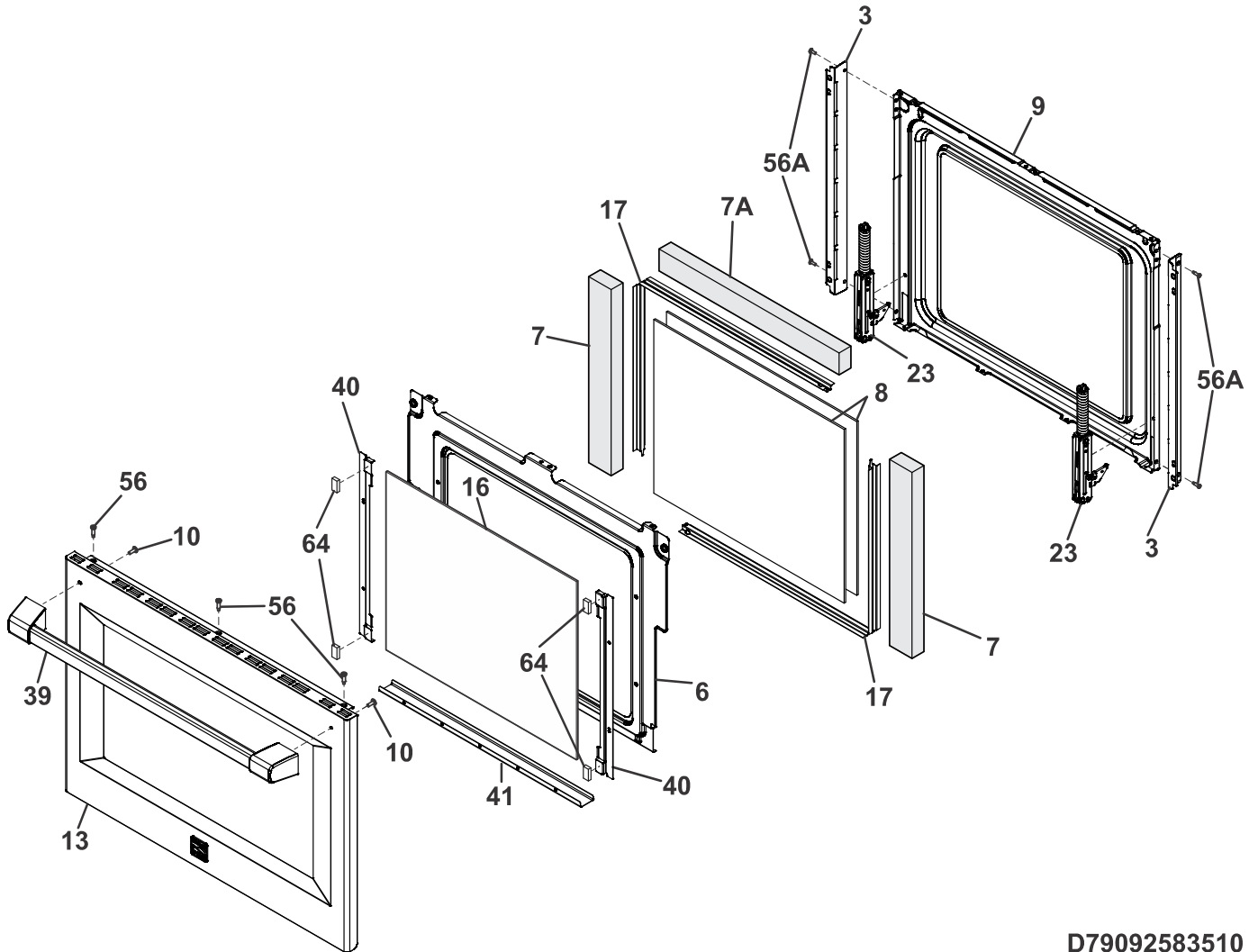
TOP/DRAWER

CAUTION: Use the Kenmore part number to order part, not the illustration number.

POS. NO	PART NO.	DESCRIPTION
1	809145602	Drawer, storage, black
4	809201802	Panel, drawer front, stainless
8 #	5304500137	Ignitor Module, 8 spark
8* #	5304501930	Harness, ignition ground
11	809089901	Bracket, panel, drawer, (2)
*	318147430	Bumper, (2)
*	316021109	Screw, 8-18 x 0.5, chrome
13	318259504	Glide, warmer, inner RH
13A	318259505	Glide, warmer, inner LH
*	5303288565	Screw, truss sqdr, 8-32 x 3/16, switch mtg
16	809020402	Main Top, stainless
20	809145002	Grate, burner, black, LH
20A	809145101	Grate, burner, black, center
20B	809145001	Grate, burner, black, RH
22	316262104	Cap, 17K burner, black
22A	316261704	Cap, 5K burner, matte, black
22B	316262004	Cap, 14K burner, matte, black
22C	316261804	Cap, 9.5K burner, matte, black
22D	808851601	Cap, simmer burner, outer, (2)
26	5304502878	Bracket, rear trim
34	5304495353	Griddle
39	5304500631	Handle, door/drawer, stainless
40	809145901	Box, burner, bottom
60	5303310510	Screw, 10-24 x 0.625
60*	5304490894	Washer, handle screw, flat
91	5304501937	Trim, rear, stainless
124	318330600	Glide, drawer, outer/RH & LH, (2)
*	316119700	Cleaner, grate
*	316136900	Cleaner, stainless steel
*	316021105	Screw, hex head cup pt, 8-18 x 0.375, black
*	316021110	Screw, 8-18 x 0.5, black

DOOR

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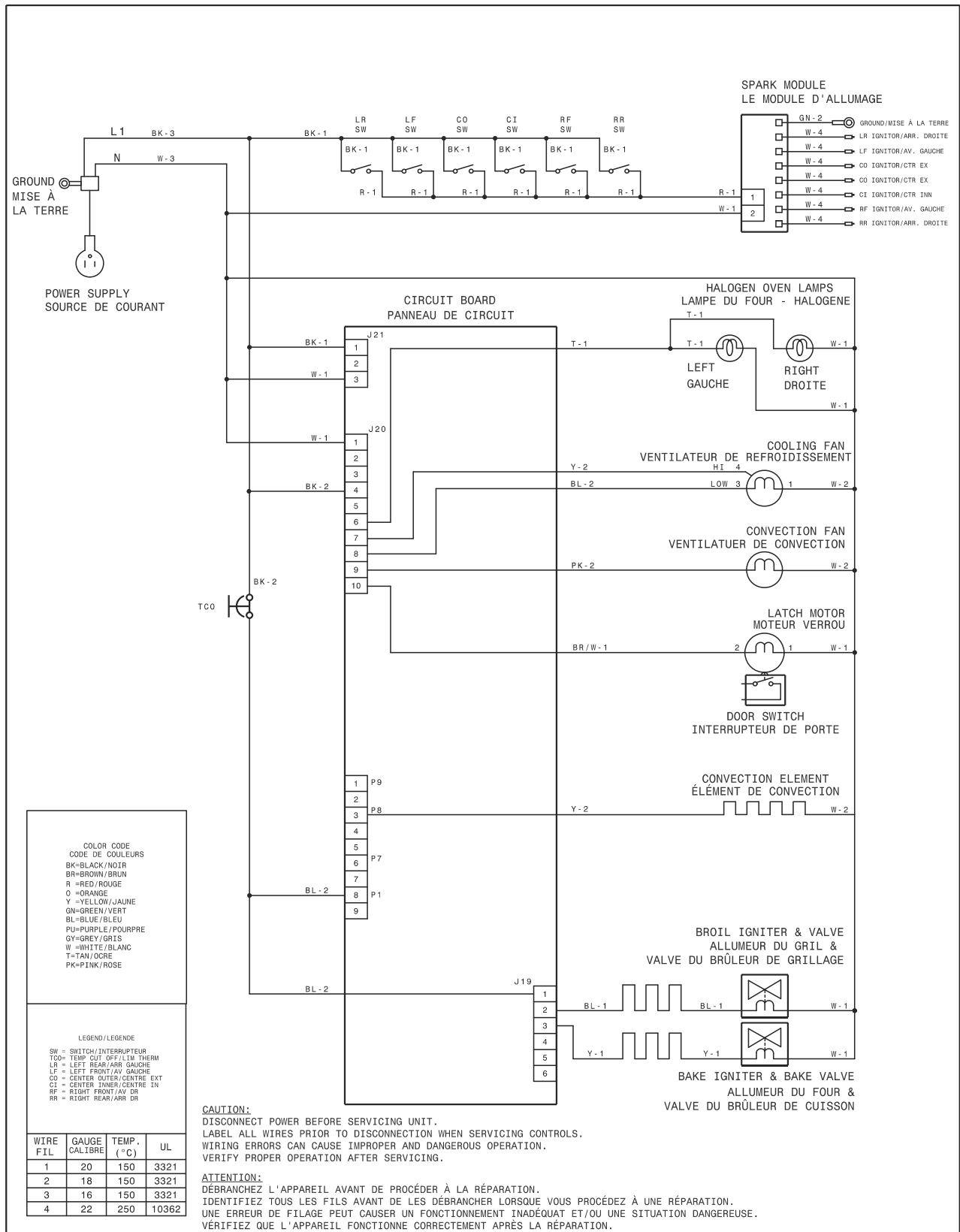
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DOOR

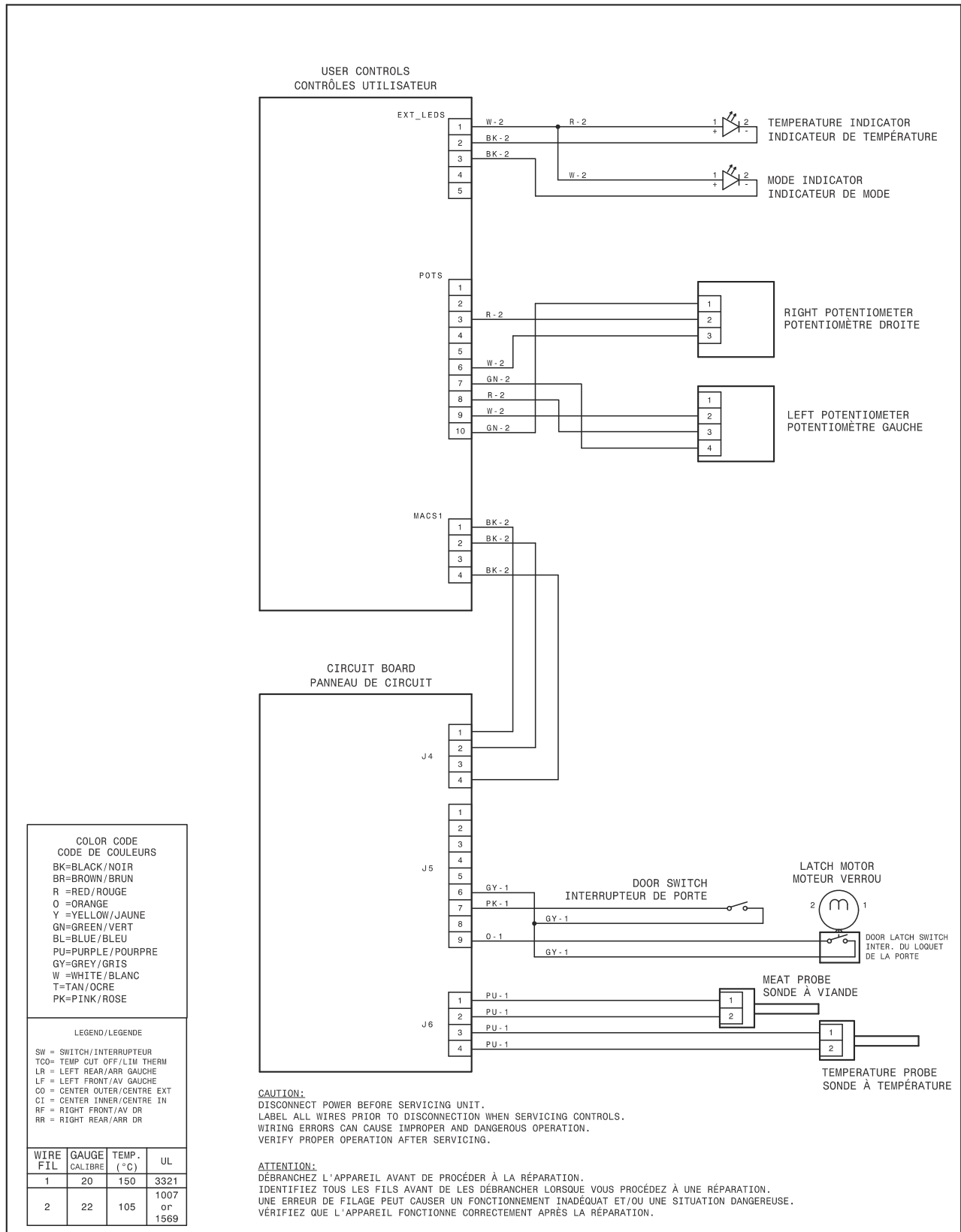
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POS. NO	PART NO.	DESCRIPTION
3	139036601	Trim, oven door, black, side vent
6	808474502	Shield, wool, oven door
7	5304501945	Insualtion, door, upper
7A	5304501946	Insualtion, door, side, (2)
8	316502502	Glass, door, inner, (2)
9	808474610	Liner, oven door, black
10	5303310510	Screw, 10-24 x 0.625
10*	5304490894	Washer, handle screw, flat
13	808950029	Door Assembly, outer, stainless/black, w/trim & badge
16	316502601	Glass, door, airwash, HBII
17	316502101	Spacer, door glass, (2)
23	139010305	Hinge, door, gray, dual spring
23*	316418900	Screw, sims lp, #8-32 x 5/16", black
39	5304500631	Handle, door/drawer, stainless
40	5304502882	Bracket, glass, airwash
41	5304500644	Support, glass
56	5303311306	Screw, 8-18 x 0.375
56A	809136201	Screw, truss head, #8-32 x 3/8"
64	318165800	Spacer, glass, foam
*	316483100	Label, anti-tip
*	316136900	Cleaner, stainless steel
*	316021105	Screw, hex head cup pt, 8-18 x 0.375, black
*	316021109	Screw, 8-18 x 0.5, chrome
*	316021110	Screw, 8-18 x 0.5, black
*	5303324184	Screw, 8-18 x 5/16, black

WIRING DIAGRAM



WIRING DIAGRAM



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