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# Service Manual

Built-in oven

AKG 644/01 IX

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This documentation is only intended for qualified technicians who are aware of the respective safety regulations.

Date: 15.08.2003

Document-No.: 4812 725 17322

Subject to modification

**Technical data**

**Electrical connection**

Voltage	230	V
Frequency	50	Hz

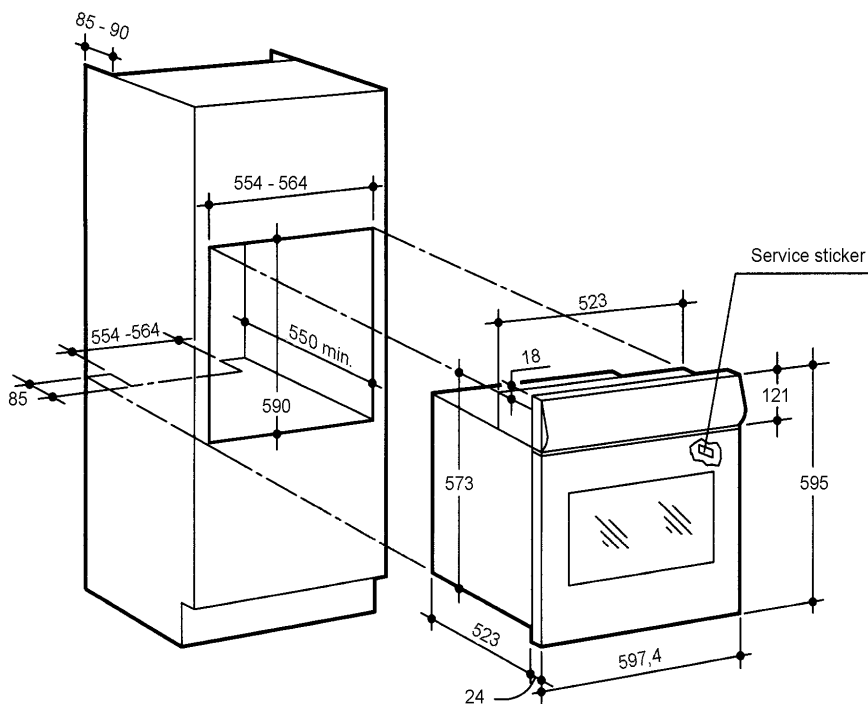
**Electric power**

Grill heating element	1900	W
Oven lamp	25	W

**Gas power**

Oven	2,40	kW
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Type of gas used	Type of burner	Injector marking (100/mm)	Rated heat capacity (kW)	Rated consumption	Reduced heat capacity (kW)	Gas pressure (mbar)		
						min.	rat.	max.
Natural gas (Methane) G20	oven	115	2,40	228 l/h	0,72	17	20	25
LPG G30	oven	73	2,40	174 g/h	0,72	20	28-30	35
LPG G31	oven	73	2,40	172 g/h	0,72	25	37	45



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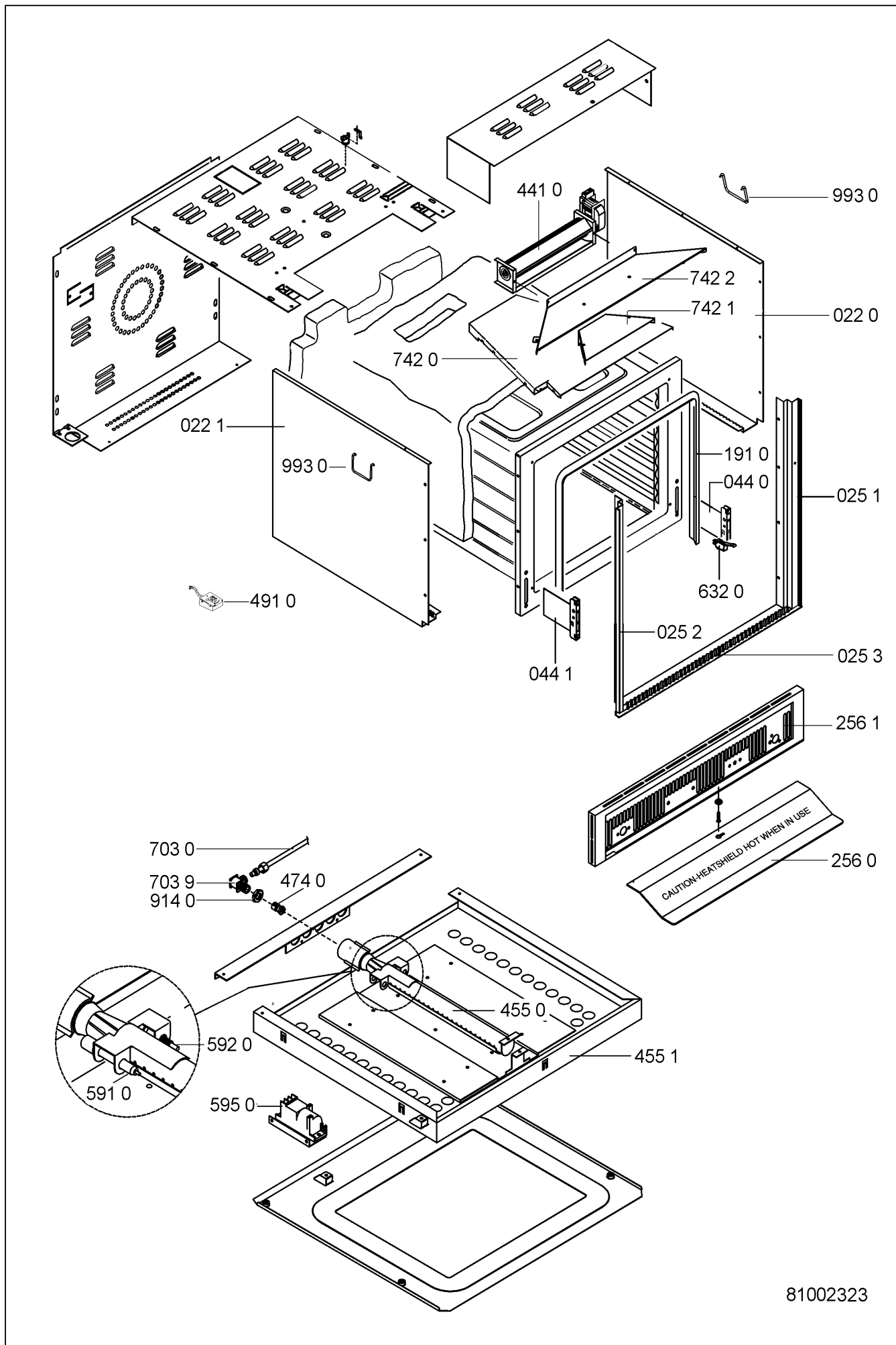
## Spare part list

**Model** AKG 644/01 IX  
**Service No.** 853564438050  
**Version** 853564438050

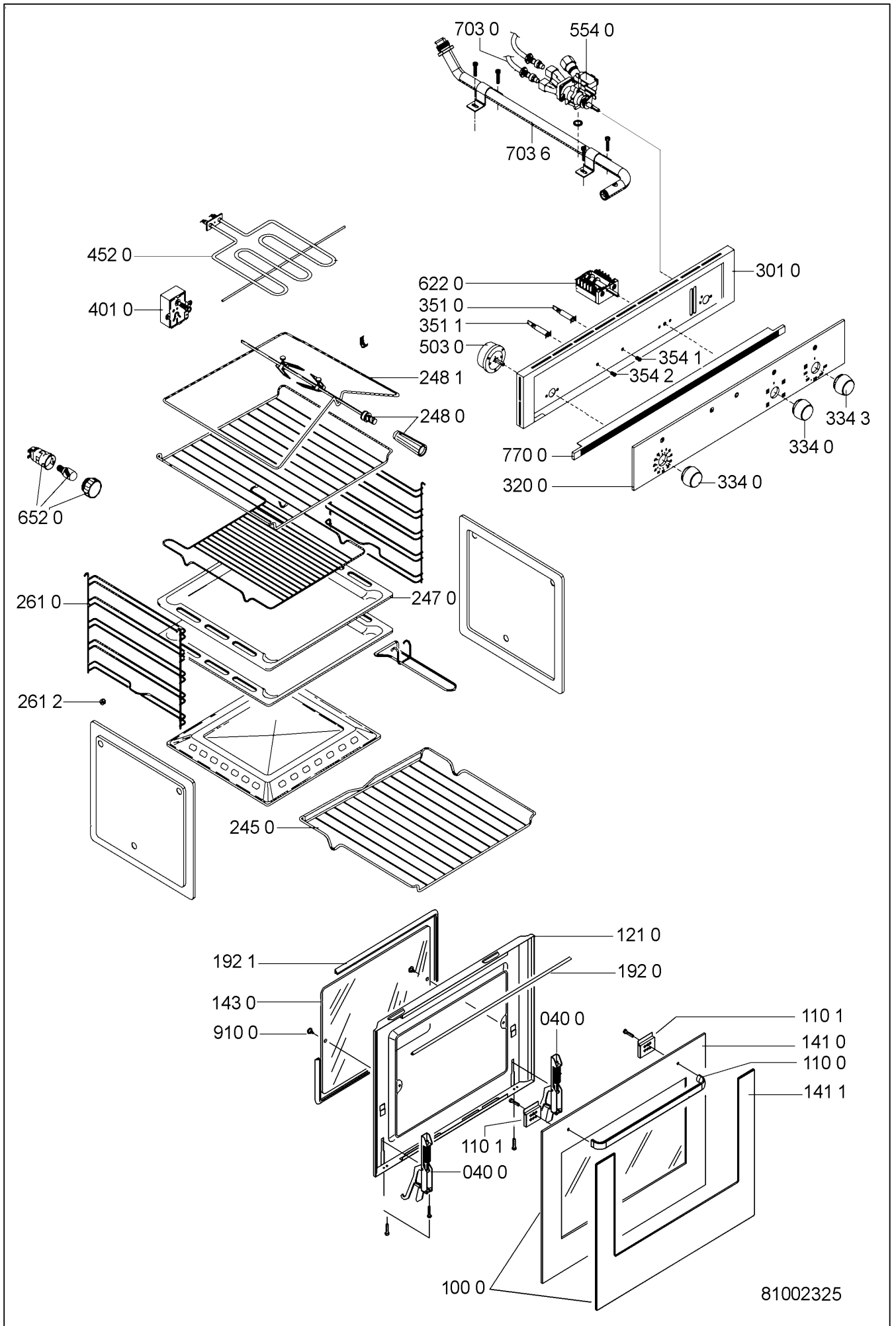
Pos. No.	12NC Code	Description
022 0	<b>4812 460 79048</b>	Panel side, right
022 1	<b>4812 460 79049</b>	Panel side, left
025 1	<b>4812 460 79055</b>	Trim right frame
025 2	<b>4812 460 79054</b>	Trim left frame
025 3	<b>4812 460 79053</b>	Trim lower frame
040 0	<b>4812 417 19117</b>	Hinge oven door
044 0	<b>4812 417 19118</b>	Hinge roller+support
044 1	<b>4812 417 18863</b>	Hinge left
100 0	<b>4812 310 38791</b>	Door complete
110 0	<b>4812 462 68919</b>	Handle oven IN
110 1	<b>4812 404 48682</b>	Holder door
121 0	<b>4812 464 18101</b>	Oven door inner
141 0	<b>4812 450 58872</b>	Oven door outer glass
141 1	<b>4812 450 58873</b>	Oven door outer frame
143 0	<b>4812 450 58684</b>	Oven glass inner
191 0	<b>4812 466 88659</b>	Gasket oven seal
192 0	<b>4812 046 58004</b>	Gasket
192 1	<b>4812 466 88657</b>	Gasket ext. glass
245 0	<b>4812 458 19025</b>	Grill grid
247 0	<b>4812 418 38093</b>	Tray oven
248 0	<b>4812 535 88007</b>	Turn spit
248 1	<b>4812 404 78571</b>	Support spit
256 0	<b>4812 466 88658</b>	Protector knob
256 1	<b>4812 404 48681</b>	Washer and support
261 0	<b>4812 458 58315</b>	Grid oven side,
261 2	<b>4812 404 18118</b>	Bracket
301 0	<b>4812 453 59669</b>	Control panel support
320 0	<b>4812 453 59672</b>	Control panel inox
334 0	<b>4812 411 28853</b>	Knob inox
334 3	<b>4812 411 28854</b>	Knob gas, inox
351 0	<b>4812 134 28063</b>	Pilot lamp
351 1	<b>4812 134 48284</b>	Lamp pilot
354 1	<b>4812 217 78107</b>	Pilot lamp lens (yellow)
354 2	<b>4812 381 18279</b>	Lens green
401 0	<b>4812 361 58359</b>	Motor spit
441 0	<b>4812 361 18373</b>	Motor fan
452 0	<b>4812 259 28842</b>	Heating element 230V, 1900W
455 0	<b>4812 360 68492</b>	Burner oven
455 1	<b>4812 360 68493</b>	Burner gas oven casing
474 0	<b>4812 310 38686</b>	Nozzle LPG 0,73
474 0	<b>4812 310 38687</b>	Nozzle NG 1,15
491 0	<b>4812 290 68283</b>	Terminal block
503 0	<b>4812 214 78907</b>	Timer
554 0	<b>4812 282 08632</b>	Thermostat
591 0	<b>4812 252 68052</b>	Spark plug
592 0	<b>4812 138 38015</b>	Thermo couple L=1000
595 0	<b>4812 145 28016</b>	Generator ignition
622 0	<b>4812 276 18399</b>	Switch oven selector
632 0	<b>4812 267 18003</b>	Switch door
652 0	<b>4812 255 18243</b>	Lamp oven 50HZ 25W
703 0	<b>4812 530 48513</b>	Tube oven burner
703 6	<b>4812 530 48512</b>	Tube gas ramp
703 9	<b>4812 530 48514</b>	Nozzle holder
742 0	<b>4812 136 38002</b>	Conveyor oven
742 1	<b>4812 136 38003</b>	Conveyor air, gas oven

Pos. No.	12NC Code	Description
742 2	<b>4812 136 38005</b>	Fan diffuser, air
770 0	<b>4812 136 38004</b>	Ventilator
910 0	<b>4812 502 18588</b>	Screw oven door
914 0	<b>4812 502 18589</b>	Nut nozzle holder
993 0	<b>4812 310 48233</b>	Handle for lifting oven

**Exploded view**

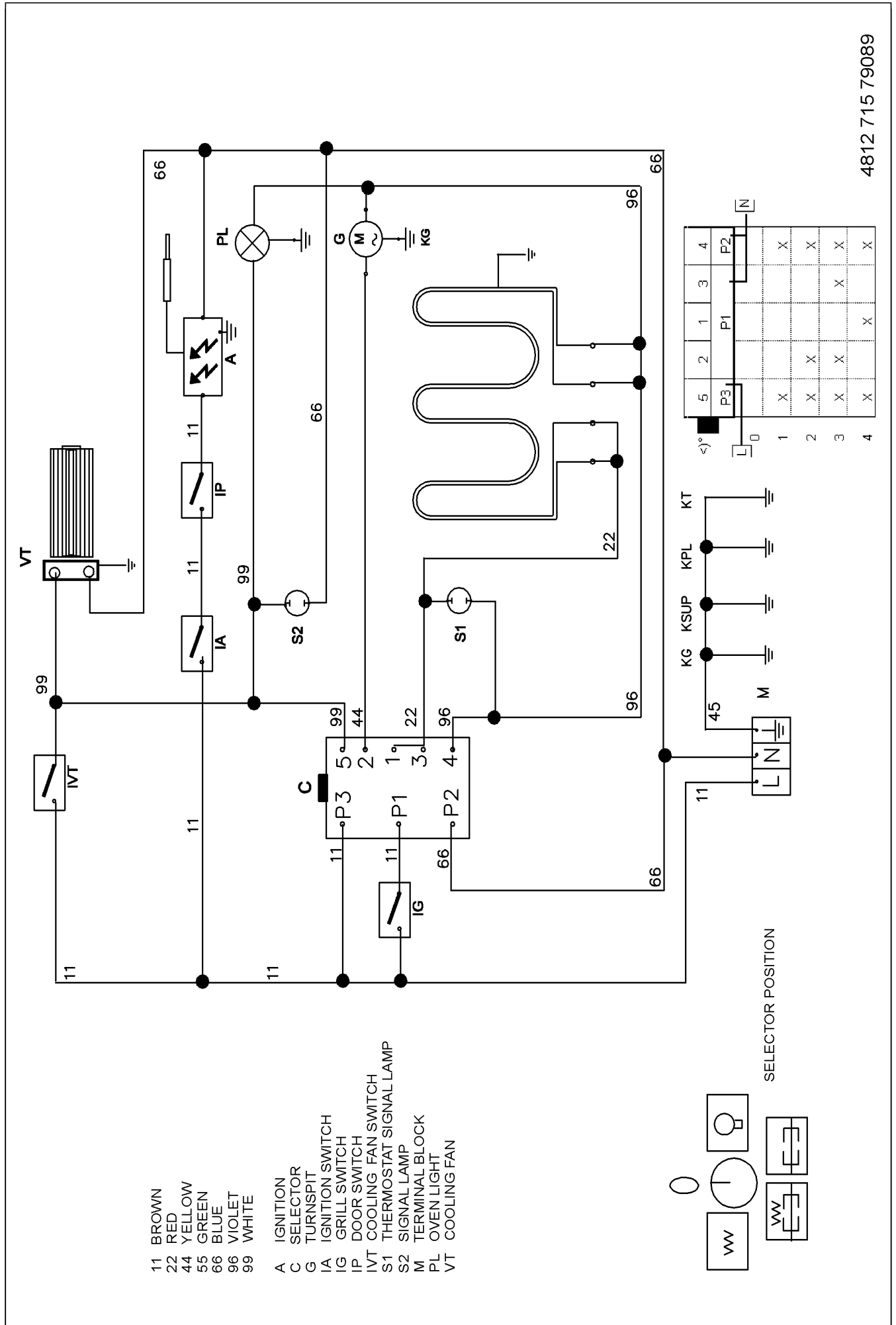


**Exploded view**



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**Wiring diagram**



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