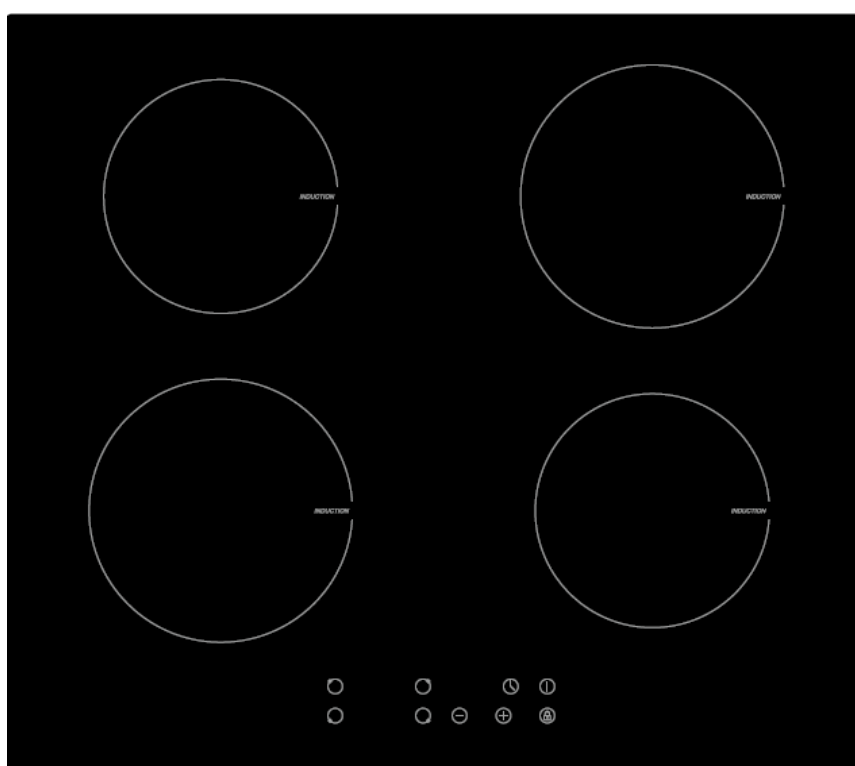


Service Manual

Induction hob

Model: NVTCl4Y



Instruction for model NVTCl4Y

Serial No. from:

NOV TAB GC4 16 09 00001

TO

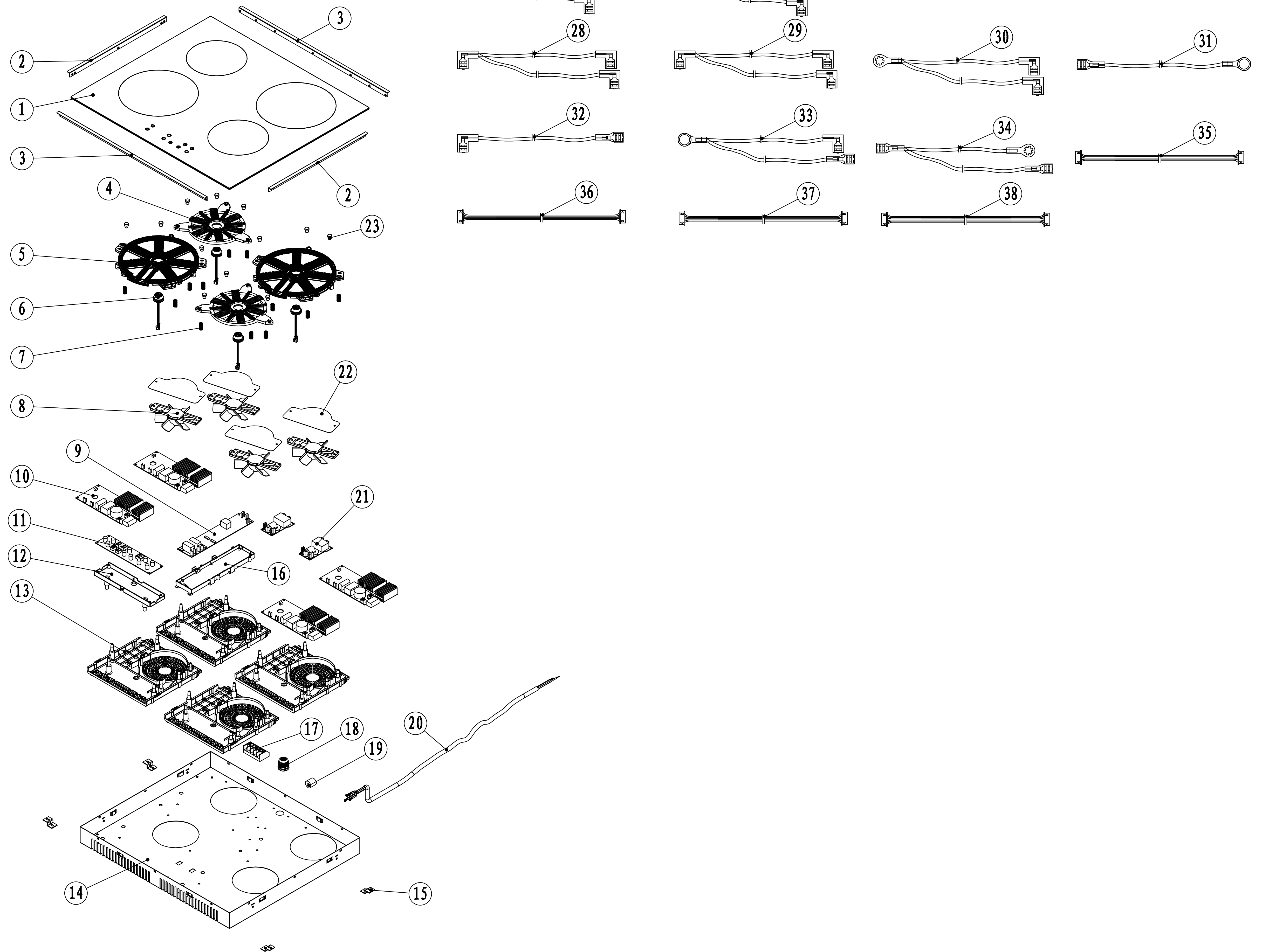
NOV TAB GC4 16 09 00513

Spare parts list

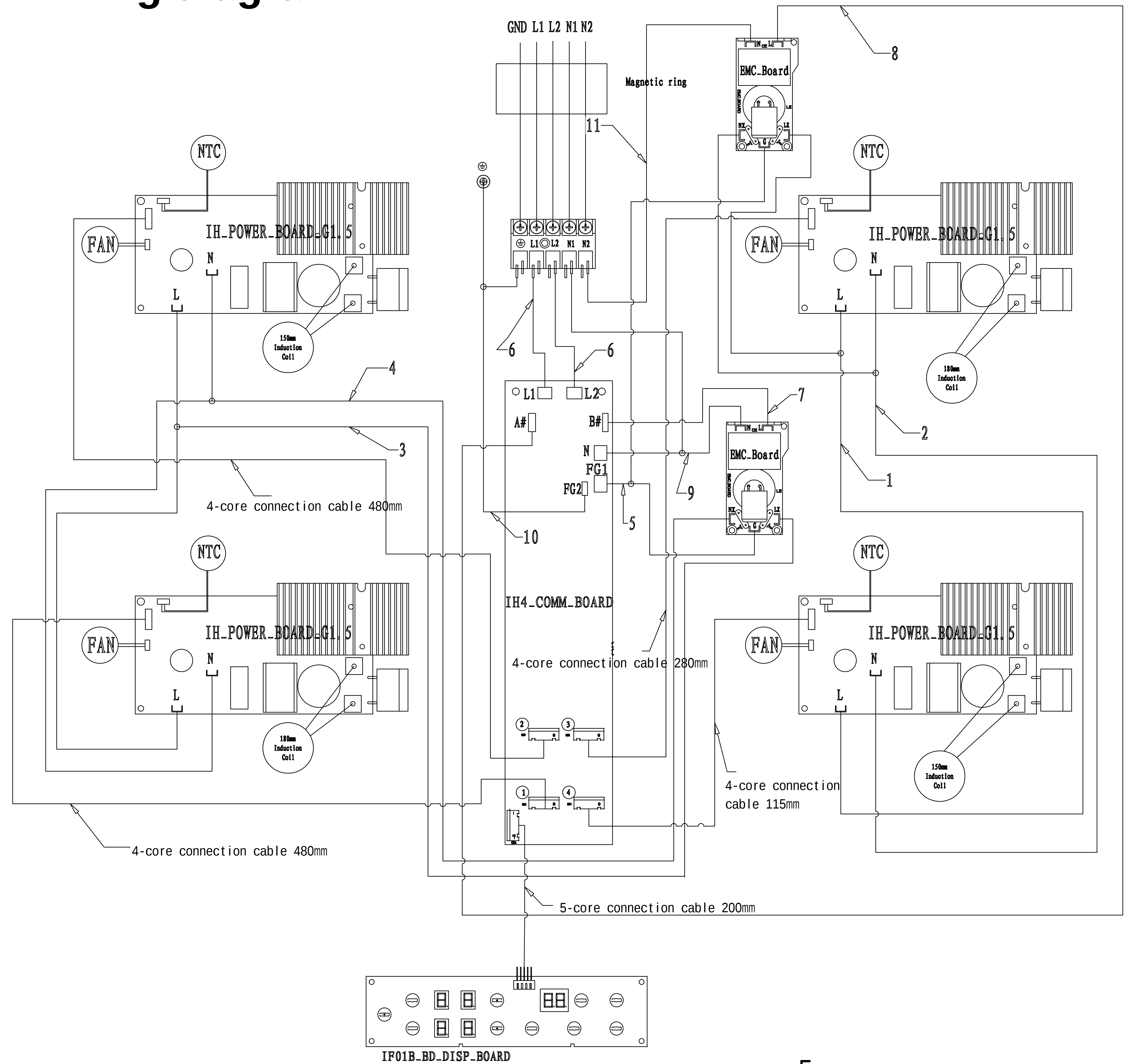
Model: NVTCI4Y

No.	Code	Component	Qty
1	1010347	Ceramic Glass	1
2	1220004	Left-right glass plate bracket	2
3	1220003	Front-rear glass plate bracket	2
4	1060055	Induction coil ϕ 160mm	2
5	1060046	Induction coil ϕ 180mm	2
6	1070012	Thermistor	4
7	1220055	Spring	12
8	1100001	Fan	4
9	1030018	EMC and power supply board	1
10	1020050	Power board	4
11	1040045	Display board	1
12	1170003	Display board plastic holder	1
13	1170019	Power board plastic holder	4
14	1200006	Bottom case	1
15	1220011	Fixing kit	4
16	1170004	EMC and power supply board plastic holder	1
17	1160001	Terminal block	1
18	1180009	Power cable clamps	1
19	1430012	Power cable	1
20	1110002	Power cable	1
21	1050001	EMC board	2
22	1180027	Fan Baffle	4
23	1190044	Coil-glass fixing rubber	12
24	1140039	AWG16*220/260mm Red Wire	1
25	1140040	AWG16*220/260mm Blue Wire	1
26	1140043	AWG16*300mm Black Wire	1
27	1140059	AWG16*160mm Blue Wire	1
28	1140219-1	AWG16*300/600mm Red wire	1
29	1140220-1	AWG16*300/600mm Blue wire	1
30	1140221	AWG16*130/200mm Yellow/green Earth wire	1
31	1140222	AWG16*50mm Red wire	2
32	1140223	AWG16*130mm Red wire	1
33	1140224-1	AWG16*100/100mm Blue wire	1
34	1140225	AWG16*80/150mm Yellow/Green Earth Wire	1
35	1290012	4-cores Connection cable 480mm	2
36	1290018	4-cores Connection cable 280mm	1
37	1290026	4-cores Connection cable 115mm	1
38	1290017	5-cores Connection cable 200mm	1

Exploded view



Wiring diagram



内部线清单

序号	物料编码	用量	规格	图号
1	1140039	1	AWG16*220/260mm (red wire)	IW0015
2	1140040	1	AWG16*220/260mm (blue wire)	IW0016
3	1140219	1	AWG16*310/430mm (red wire)	IW0070
4	1140220	1	AWG16*310/430mm (blue wire)	IW0071
5	1140221	1	AWG16*130/200mm (yellow/green earth wire)	IW0072
6	1140222	2	AWG16*50mm (red wire)	IW0073
7	1140223	1	AWG16*130mm (red wire)	IW0074
8	1140043	1	AWG16*300mm (black wire)	IW0006
9	1140224	1	AWG16*100/100mm (blue wire)	IW0075
10	1140225	1	AWG16*80/150mm (yellow/green earth wire)	IW0076
11	1140059	1	AWG16*160mm (blue wire)	IW0024

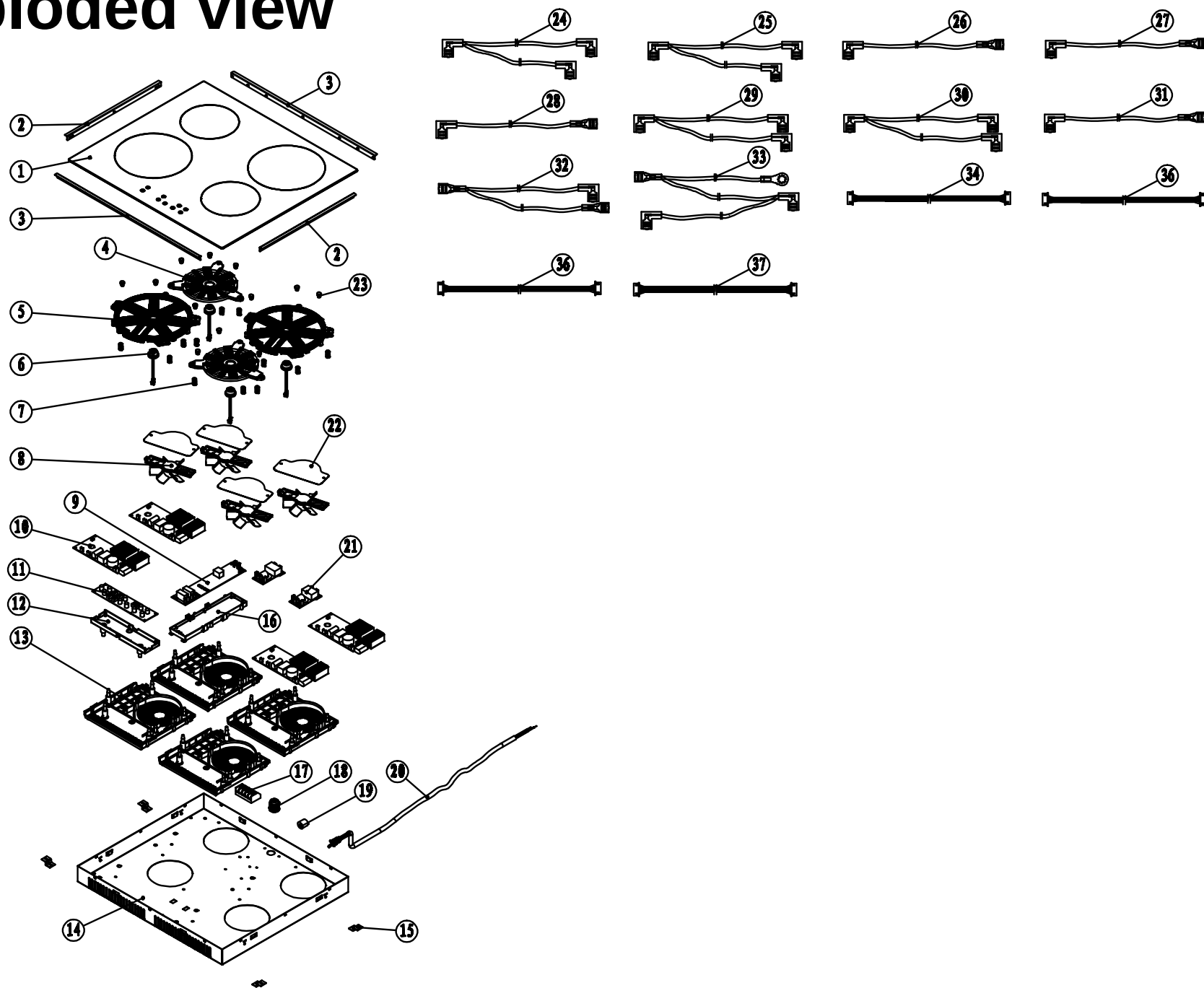
Instruction for model NVTCl4Y

Serial No. from:

NOV TAB GC4 17 04 00001 TO NOV TAB GC4 17 04 01539

And the future orders.

Exploded view

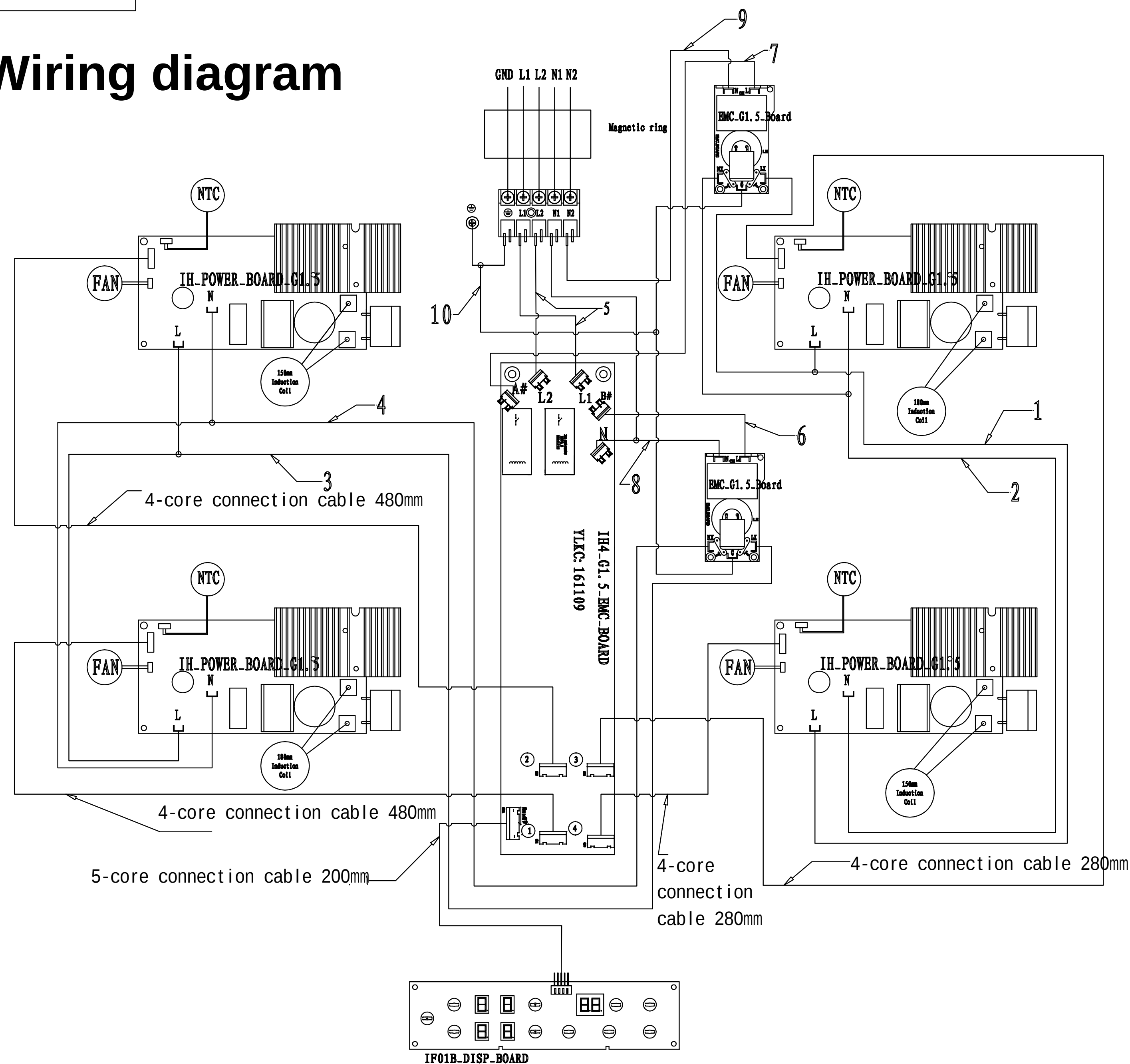


Spare parts list

Model: NVTCI4Y

No.	Code	Component	Qty
1	1010347	Ceramic Glass	1
2	1220004	Left-right glass plate bracket	2
3	1220003	Front-rear glass plate bracket	2
4	1060055	Induction coil ϕ 160mm	2
5	1060046	Induction coil ϕ 180mm	2
6	1070012	Thermistor	4
7	1220055	Spring	12
8	1100001	Fan	4
9	1030018	EMC and power supply board	1
10	1020050	Power board	4
11	1040045	Display board	1
12	1170003	Display board plastic holder	1
13	1170019	Power board plastic holder	4
14	1200006	Bottom case	1
15	1220011	Fixing kit	4
16	1170004	EMC and power supply board plastic holder	1
17	1160001	Terminal block	1
18	1180009	Power cable clamps	1
19	1430012	Power cable	1
20	1110002	Power cable	1
21	1050006	EMC board	2
22	1180027	Fan Baffle	4
23	1190044	Coil-glass fixing rubber	12
24	1140039	AWG16*220/260mm Red Wire	1
25	1140040	AWG16*220/260mm Blue Wire	1
26	1140041	AWG16*70mm Red Wire	2
27	1140043	AWG16*300mm Black Wire	1
28	1140059	AWG16*160mm Blue Wire	1
29	1140219-2	AWG16*300/600mm Red wire	1
30	1140220-2	AWG16*300/600mm Blue wire	1
31	1140223	AWG16*130mm Red wire	1
32	1140224-2	AWG16*100/100mm Blue wire	1
33	1140243	AWG16*80/150/300mm Yellow/Green Earth Wire	1
34	1290012	4-cores Connection cable 480mm	2
35	1290018	4-cores Connection cable 280mm	1
36	1290026	4-cores Connection cable 115mm	1
37	1290017	5-cores Connection cable 200mm	1

Wiring diagram

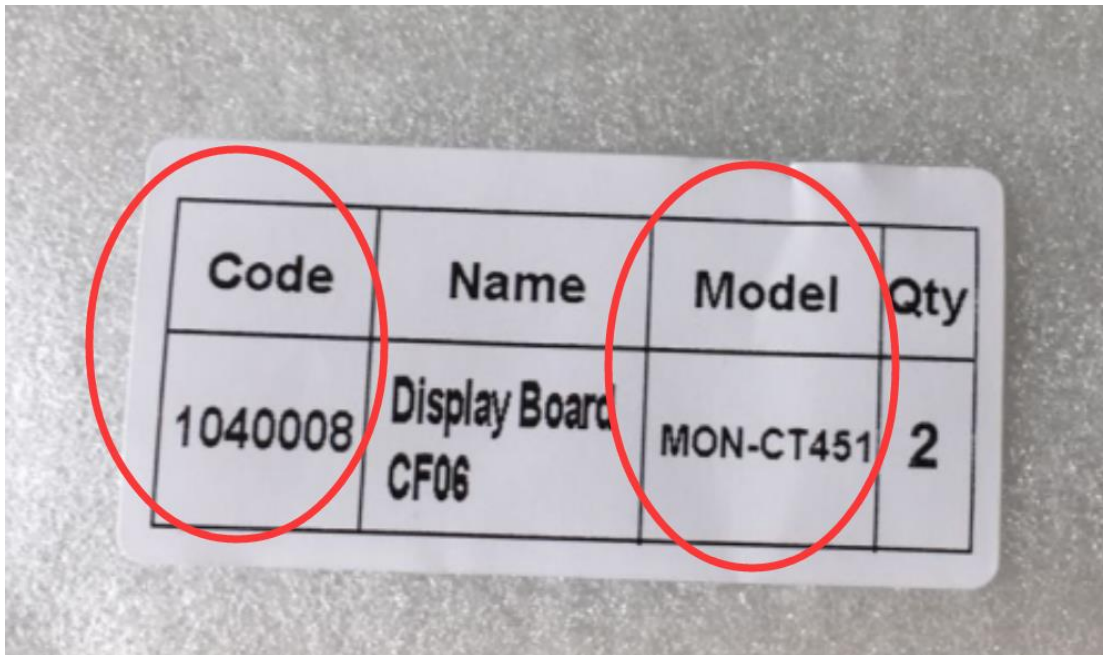


内部线清单

序号	物料编码	用量	规格	图号
1	1140039	1	AWG16*220/260mm (red wire)	IW0015
2	1140040	1	AWG16*220/260mm (blue wire)	IW0016
3	1140219	1	AWG16*300/600mm (red wire)	IW0070
4	1140220	1	AWG16*300/600mm (blue wire)	IW0071
5	1140041	2	AWG16*70mm (red wire)	IW0004
6	1140223	1	AWG16*130mm (red wire)	IW0074
7	1140043	1	AWG16*300mm (black wire)	IW0006
8	1140224	1	AWG16*100/100mm (blue wire)	IW0075
9	1140059	1	AWG16*160mm (blue wire)	IW0024
10	1140243	1	AWG16*80/150/300mm (yellow/green earth wire)	IW0083

Sticker of Spare parts

Please remain the label that stick over the inner package like this.



Code	Name	Model	Qty
1040008	Display Board CF06	MON-CT451	2

From this sticker you can know the spare parts are used for which model.

Please take care **both the Code and the Model No.** on the label when you replace the spare parts.

Failure Display and Inspection

If an abnormality comes up, the induction hob will enter the protective state automatically and display corresponding protective codes:

Problem	Possible causes	What to do
F3/F4	Temperature sensor of the induction coil failure	Please contact the supplier.
F9/FA	Temperature sensor of the IGBT failure.	Please contact the supplier.
E1/E2	Abnormal supply voltage	Please inspect whether power supply is normal. Power on after the power supply is normal.
E3	High temperature of the induction coil temperature sensor	Please contact the supplier.
E5	High temperature of the IGBT temperature sensor	Please restart after the hob cools down.

The above are the judgment and inspection of common failures.