

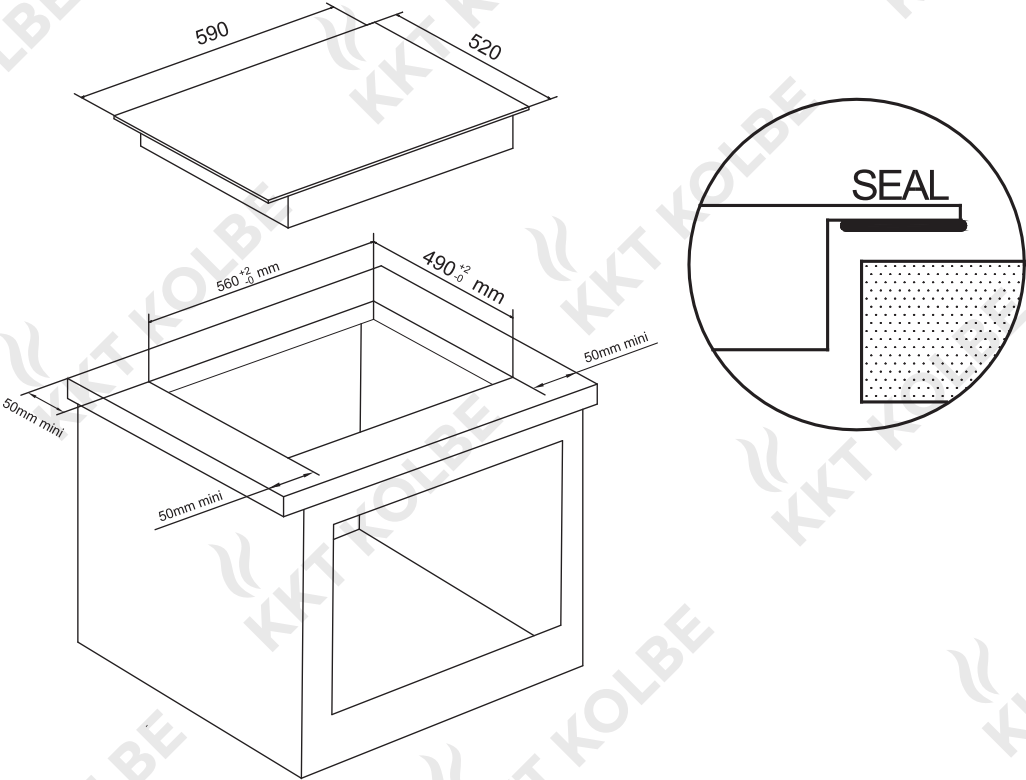
Model :

KF5900IND

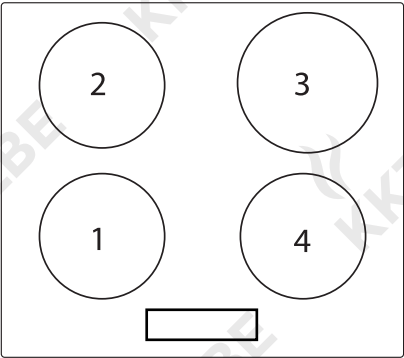
Service Manual

Induction hob

Technical data



Model : KF5900IND



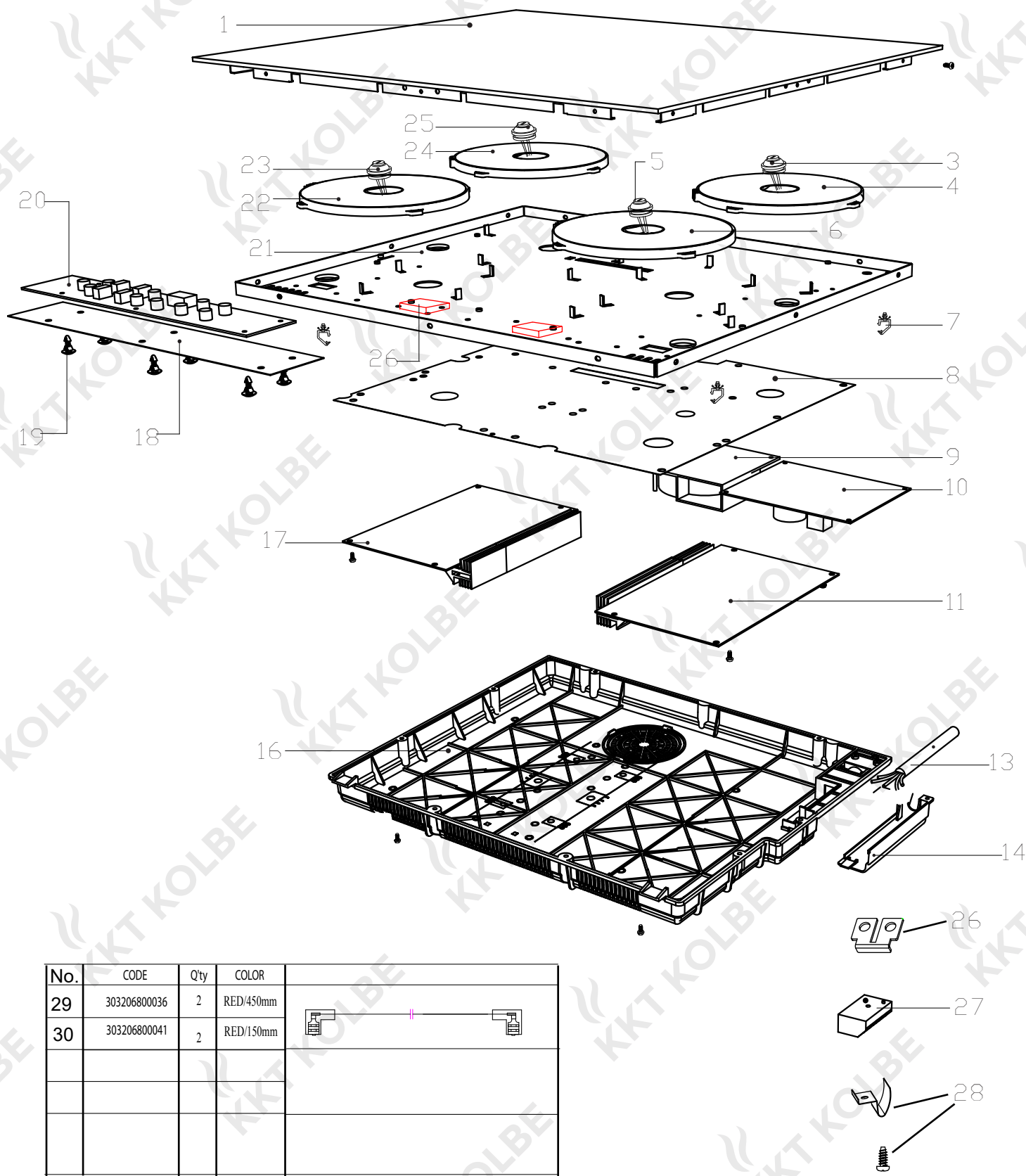
Heating zone	Size (mm)	Normal
1	Ø 160	1400 W
2	Ø 180	1800 W
3	Ø 160	1400 W
4	Ø 180	1800 W

Voltage : 220-240V~

Frequency : 50/60Hz

Exploded view

Model: KF5900IND



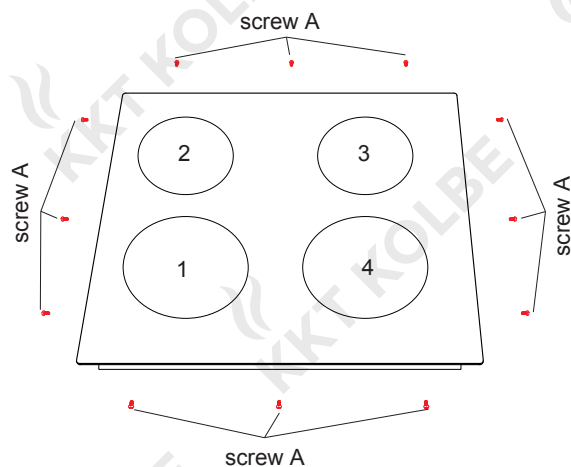
Spare part list

Model: KF5900IND

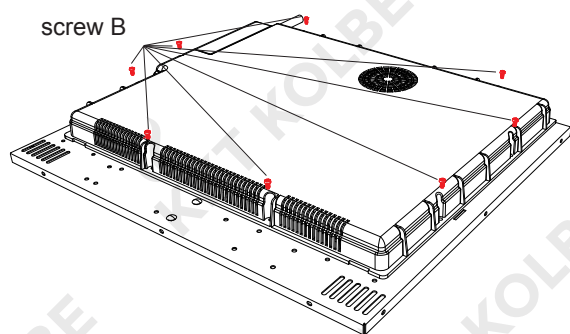
NO.	Part No.	Part Name	Quantity
1	12966000000039	Glass Plate Assembly	1
	12566000A01899		1
7	12166000000027	Wire Clamp	5
8	12766000000010	Main Board Mica Sheet	1
9	17466000000043	Fan Assembly	1
10	171660000000922	Power Supply Board	1
13	174660000000223	Power Cord	1
14	121660000000036	Power Cord Box Lid	1
16	121660000000046	Bottom Base	1
18	127660000000003	Display Board Mica Sheet	1
19	121660000000029	Isolated Column	3
20	171660000000100	Display Cricuit Board	1
21	122660000000066	Support Aluminum Plate	1
4+22	174660000000099	Coil Plate	2
6+24	174660000000098	Coil Plate	2
25	174660000000187	Temperature Sensing Assembly	1
26	124660000000003	Foam Support	2
26	129661000000025	Connecting Piece	2
27	174660000000050	Teminal Block	1
28	129660000000014	Hanging Plate Fitting	1
29	174660000000129	Wire Harness	2
30	174660000000163	Wire Harness	2
11+17	171660000000259	Master Board	2
3+5+23	174660000000191	Temperature Sensing Assembly	3

Technical data

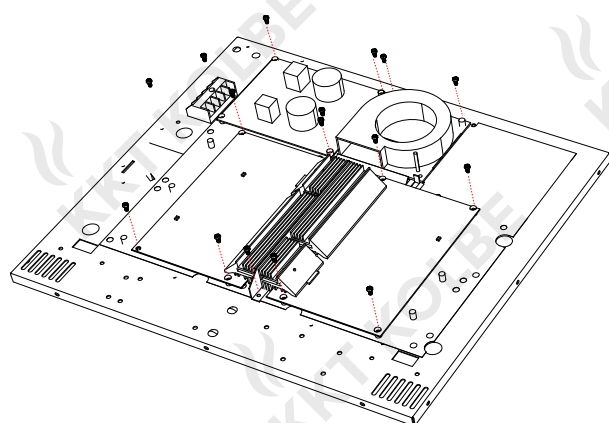
Model: KF5900IND



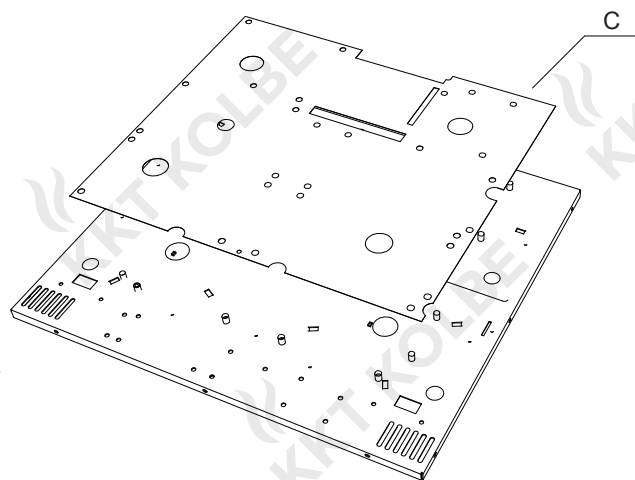
Step1:
remove the screw A around the base cover



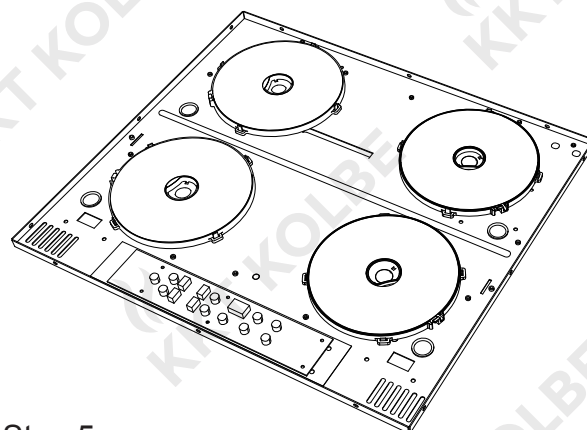
Step2:
remove the screw B



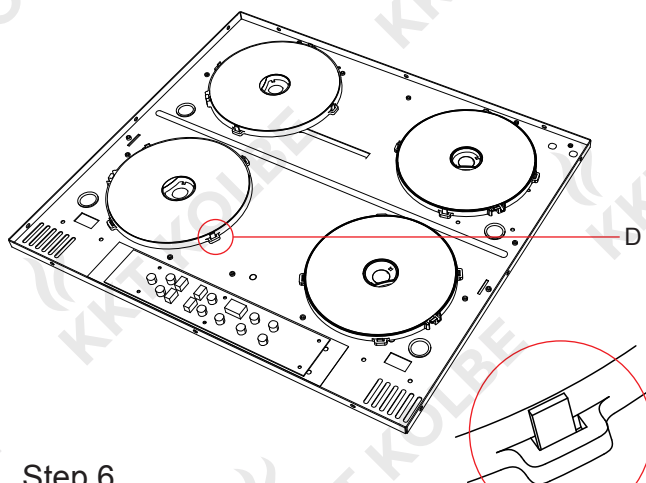
Step 3:
remove all the screws and wires



Step 4:
Remove C



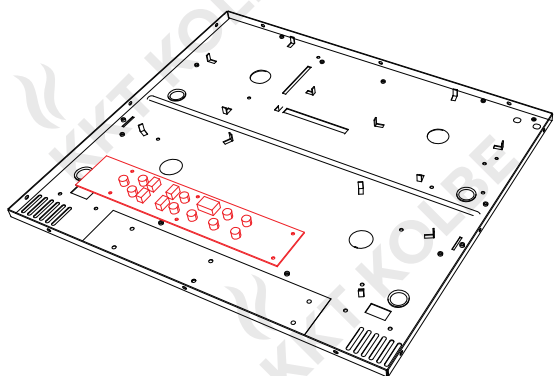
Step 5:
reserve the product



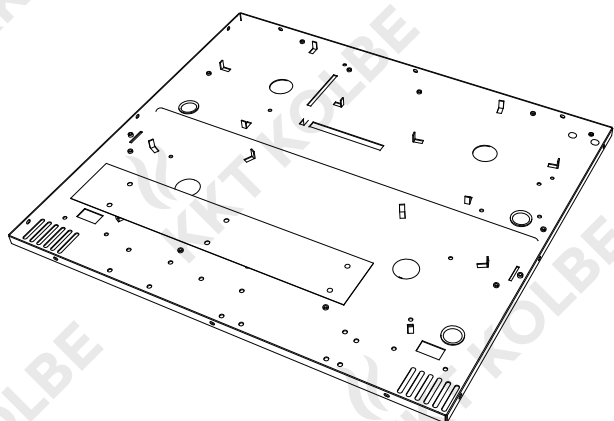
Step.6
to remove the induction coil, straighten
the buckle of D

Technical data

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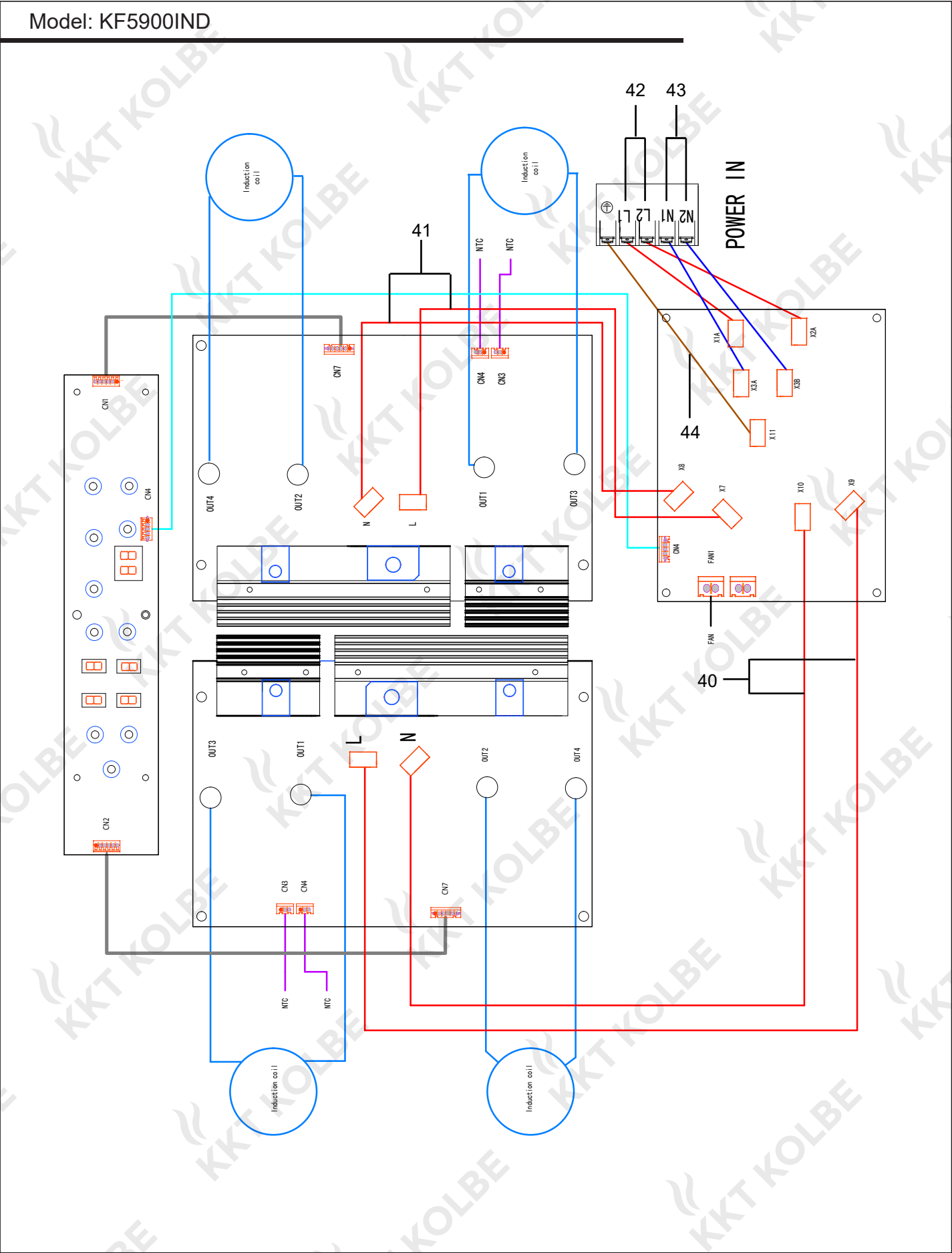


Step 7:
remove the display board



Step 8:
done

Technical data



The induction hob is equipped with a self diagnostic function. With this test the technician is able to check the function of several components without disassembling or dismantling the hob from the working surface.

Troubleshooting

- 1) failure code occur during customer using.
- 2) Solution a is as following.
- 3) If the problem can't be settled by solution a, solution b can be used.

Failure code	Problem	Solution
E1/E2	Voltage irregularity.	Unit should operate normally after a few minutes and code will disappear from display.
E3/E4	High temperature of ceramic plate	Wait for temperature to return to normal. Push "ON/OFF" button to restart unit.
E5/E6	High temperature of hob	Wait for temperature to return to normal. Push "ON/OFF" button to restart unit.
		Check if the fan runs smoothly.Fan should be replaced by a new one if not work anymore.
F3/F4/F5/F6/F7/F8	Ceramic plate temperature sensor failure.	Check the connection or replace the ceramic plate temperature sensor.
F9/FA/FB/FC/FD/FE	IGBT temperature sensor failure.	Replace the power board.

Failure	Problem	Solution A	Solution B
The LED does not come on when unit is plugged in.	No power supplied.	Check to see if plug is secured tightly in outlet and that outlet is working.	
	The accessorial power board and the display board connected failure	Check the connection.	
	The accessorial power board is damaged.	Replace the accessorial power board	
	The display board is damaged.	Replace the display board.	
Some buttons can't work, or the LED display is not normal.	The display board is damaged.	Replace the display board.	
The Cooking Mode Indicator comes on, but heating does not start.	High temperature of the hob.	Ambient temperature may be too high.Air Intake or Air Vent may be blocked.	
	There is something wrong of the fan.	Check if the fan runs smoothly.Fan should be replaced by a new one if not work anymore.	
	The power board is damaged.	Replace the power board.	

Failure	Problem	Solution A	Solution B
Heating stops suddenly during operation and display “ <u>u</u> ”.	Pan Type is wrong.	Use the proper pot (refer to the instruction manual.)	Pan detection circuit is damaged, replace the power board.
	Pot diameter is too small		
	Cooker has overheated;	Unit is overheated.Wait	
		for temperature to return to normal. Push “ON/OFF” button to restart unit.	
Heating zones of the same side (Such as the first and the second zone) would display “ <u>u</u> ” .	The power board and the display board connected failure;	Check the connection.	
	The display board of communicate part is damaged.	Replace the display board.	
	The power board is damaged.	Replace the power board.	
Fan motor sounds abnormal.	The fan motor is damaged.	Replace the fan.	