



# SERVICE MANUAL

## 900 // INDUCTION HOB - SLIDE

### TIS90B

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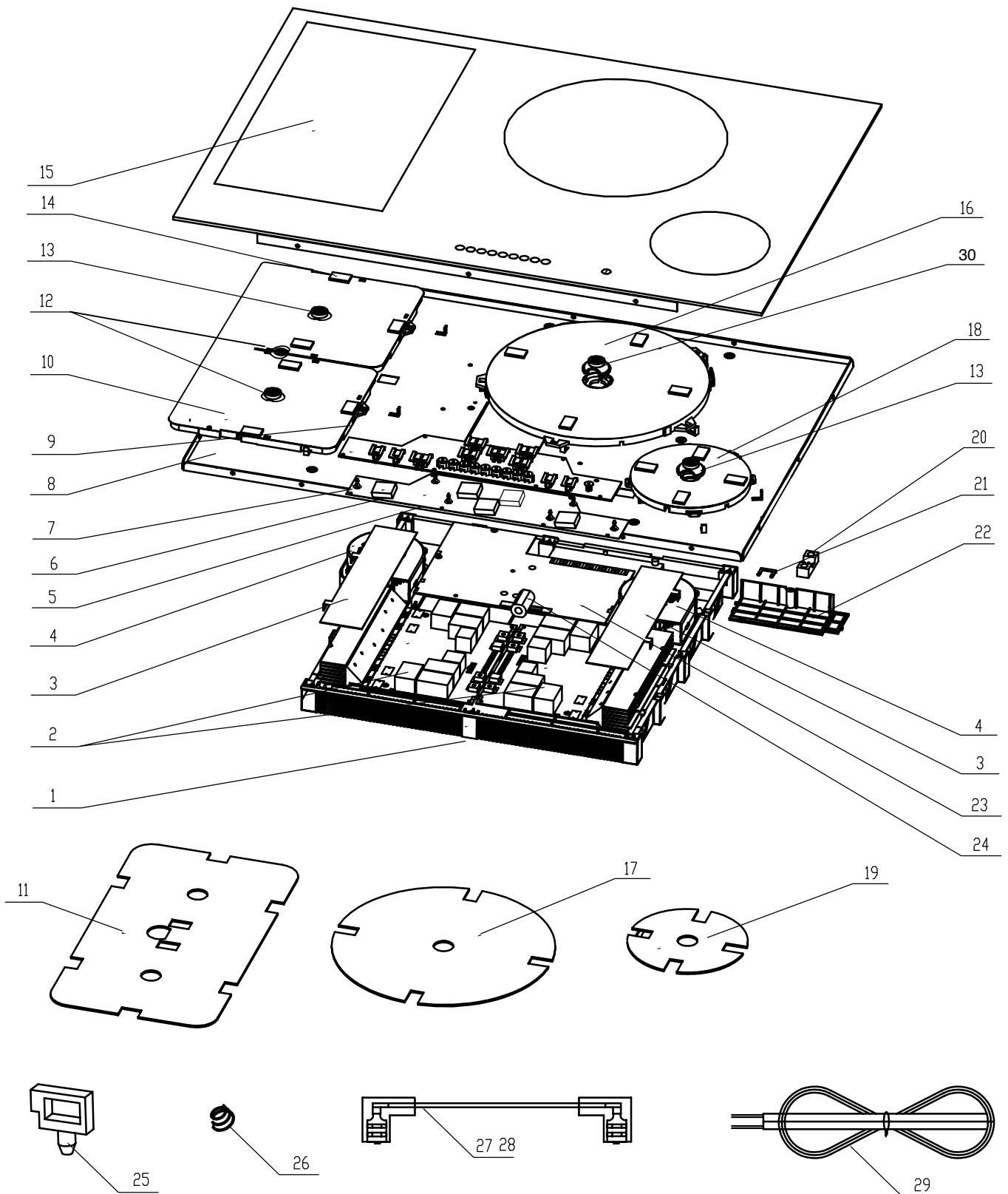


Version 4.0



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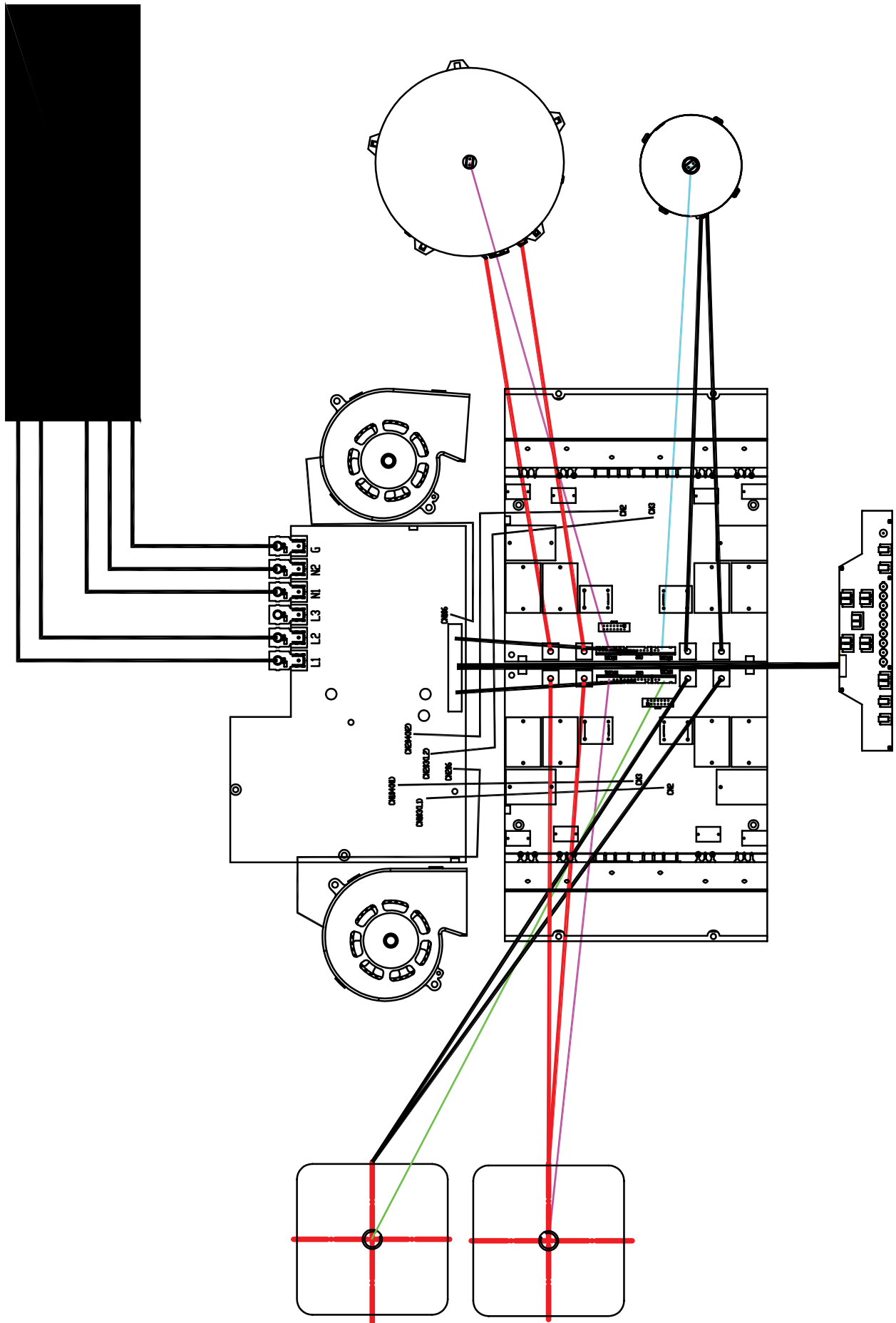
# Exploded View



## Parts List

ID	PART NUMBER	DESCRIPTION
	2206004.000	TIS90B - 2 Zone + Multizone 900mm Induction Hob
15	2206004.001	Glass Assembly
2	2206004.500	Main Control Board
3	2206004.900	Insulation Windshield
4	2206004.501	Cooling Fan
6	2206004.901	Supporting Foam
7	2206004.400	Knighthead (Board Clip)
9	2206004.502	Display Board
10	2206004.503	Hot Plate (200 x 200) Multi Zone
11	2206004.902	Heat Insulating Bracket
12	2206004.504	Thermistor Component
13	2206004.505	Thermistor Component
14	2206004.903	Silicone Gasket
16	2206004.506	Hot Plate (280) 3000/4000W 220-240V
17	2206004.904	Heat Insulating Bracket
18	2206004.507	Hot Plate (140) 1400/2000W 220-240V
19	2206004.905	Heat Insulating Bracket
20	2206004.401	Fixed Board
21	2206004.402	Brace
22	2206004.403	Power Cord Case Cover
23	2206004.508	Power Board
24	2206004.509	Magnet Ring
25	2206004.404	Wire Clamp
26	2206004.906	Spring
27	2206004.510	Wire
28	2206004.511	Wire
30	2206004.513	Thermistor Component
29	2206004.512	Power Cord

# Wiring Diagram



## Error Codes

When a common malfunction occurs, the appliance displays error codes to direct you to the possible cause of the problem. Please refer to the following table:

Codes	Description	Possible Solutions
F1-F6	Temperature Sensor Failure	<ul style="list-style-type: none"> <li>• If the connections, wiring and connectors have been checked, replace the temperature sensor.\;</li> <li>• If the problem persists, replace the relevant main board.</li> </ul>
F9-FA	Temperature sensor of the IGBT failure	<ul style="list-style-type: none"> <li>• Replace the relevant main board.</li> </ul>
FC	Problems with the connection between the display board and the main board	<ul style="list-style-type: none"> <li>• Replace the display board first and if the problem persists, replace the relevant main board.</li> </ul>
E1/E2	Abnormal supply voltage	<ul style="list-style-type: none"> <li>• Check if the flexible power supply is damaged;</li> <li>• Check if the power connection of the power board and main boards are properly connected;</li> <li>• Disconnect the left and right main boards separately to identify if one of them is the cause of the error code. Replace the relevant main board if the problem disappears when one of the boards is disconnected;</li> <li>• If the problem persists, replace the power board.</li> </ul>
E3/E4	Glass plate temperature is high	<ul style="list-style-type: none"> <li>• Check if the error still occurs after the cooktop has cooled down;</li> <li>• If the problem persists, replace the temperature sensor of the zone that was being used;</li> <li>• If the problem still occurs, replace the relevant main board.</li> </ul>
E5	Temperature sensor of the IGBT is high	<ul style="list-style-type: none"> <li>• Check if the error still occurs after the cooktop has cooled down;</li> <li>• If the problem still occurs, replace the relevant main board.</li> </ul>

### Common Scenarios

When a malfunction occurs and the cooktop doesn't display any error codes, please refer to the most common scenarios and their possible solutions listed in the table below:

<b>Problem</b>	<b>Possible Cause</b>	<b>Possible Solutions</b>
The cooktop doesn't turn ON	No power.	<ul style="list-style-type: none"><li>• Check the electrical installation (hardwired);</li><li>• Replace the display board;</li><li>• If the problem persists, replace the power board.</li></ul>
Unresponsive touch controls	Damaged display board or low voltage being supplied to the display board	<ul style="list-style-type: none"><li>• Replace the display board;</li><li>• If the problem persists, replace the power board.</li></ul>
Touch controls work intermittently	Buttons are not touching the bottom surface of the glass or the display board is damaged	<ul style="list-style-type: none"><li>• Check if the buttons are tilted or misaligned and if they are being correctly supported by springs.</li><li>• If that is not the case, replace the display board.</li></ul>



## CONTACT DETAILS

AUSTRALIA  
ARISIT PTY LIMITED

40-44 Mark Anthony Drive,  
Dandenong South, VIC 3175,  
Australia

P // 1300 762 219  
F // 03 9768 0838  
consumer.care@arisit.com

NEW ZEALAND  
ARISIT PTY LIMITED

PO Box 68-140  
Newton, Auckland 1145,  
New Zealand

P // 09 306 1020  
F // 09 302 0077  
sales@aristonappliances.co.nz

Tisira is committed to ongoing research and development. Every effort has been made to ensure all information in this service manual is correct at time of going to print. Dimensions should be used as a reference only and actual dimensions should be taken from the physical product only.

Manufacturer reserves the right to change specifications without notice.

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