

Checking Ishida OMNi-3000/S/ST Package Sealing Heater Components

It is important that the Heater Controller and Relay are working properly. Follow the procedure listed below to check each component. Refer to the photos for the proper measuring points to check the operation of each component as described.


Checking procedure

OMNi-3000ST

- Remove the lower Heater Conveyor cover – 6 screws.

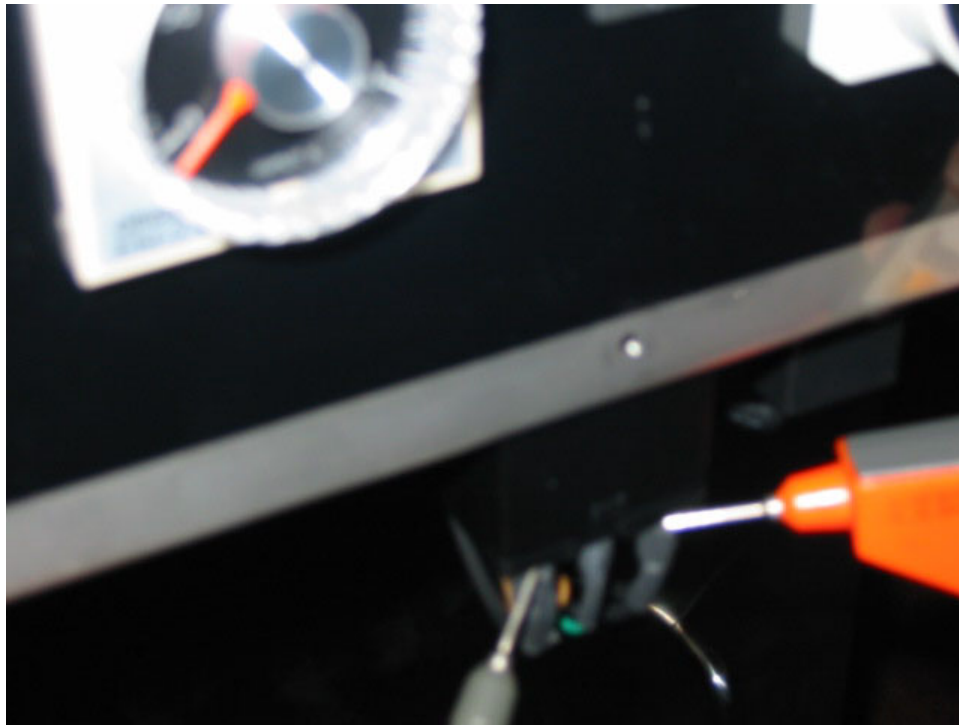
OMNi-3000/S

- Remove the front, right cover – 4 screws.

 CAUTION:	- Measurements will be taken while main power is ON - Avoid contact with any components other than those being tested
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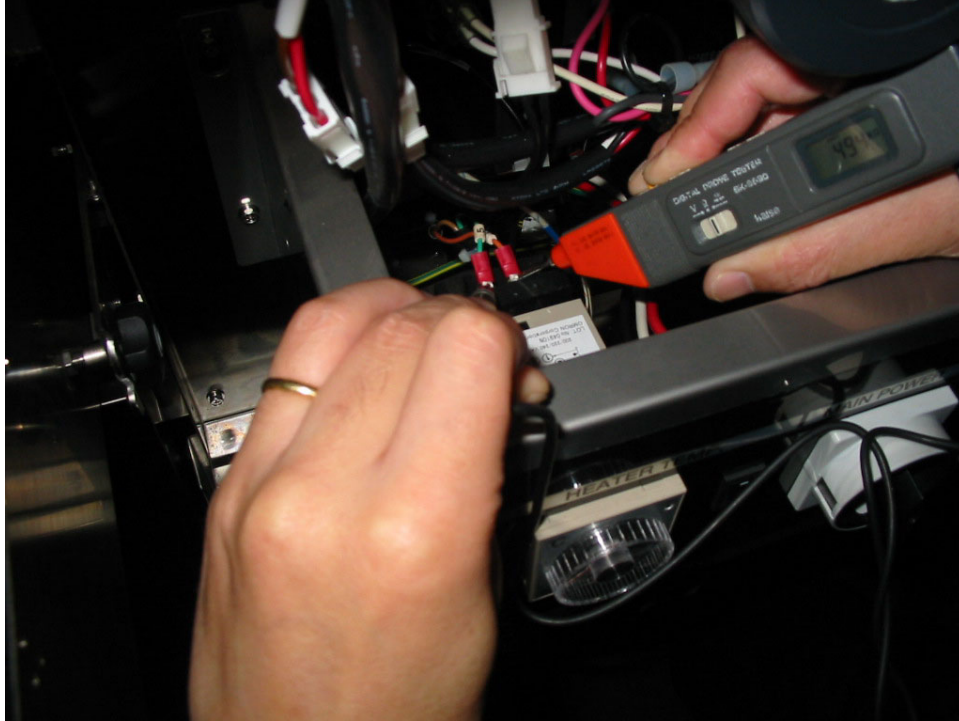
1. Turn ON OMNI, and Heater switch
2. Turn the Heater temperature dial to 0 degrees (fully CCW).
3. Measure the Relay and Heater controller pins according to the photos below.
4. Confirm that there is no continuity (ohms) and that the Heater controller LED is Off.
5. Turn the Heater temperature dial CW to 100 degrees.
6. Measure the Relay and Heater controller pins according to the photos below.
7. Confirm that there is continuity and that the Heater controller LED is On.
8. Turn the Heater temperature dial back to 0 degrees (fully CCW).
9. Measure the Relay and Heater controller pins according to the photos below.
10. Confirm that there is no continuity and that the Heater controller LED is Off.

Continuity Check Points

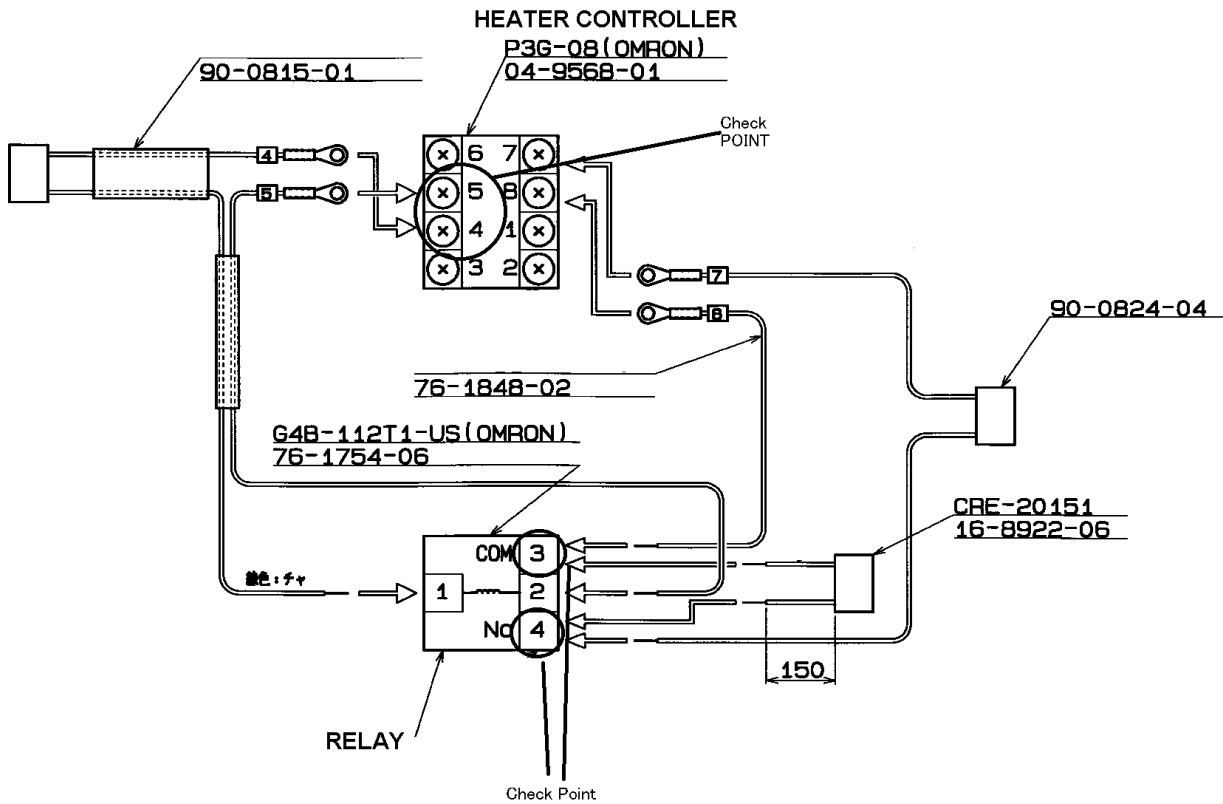


Relay, pins number 3 and 4 (front side, left and right pin)

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Heater controller, pins number 4 and 5 (top side, two pins)



Heater component schematic