



# DINOSAUR ELECTRONICS

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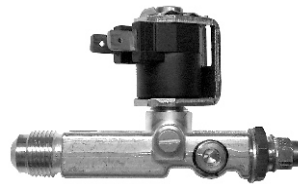
## INSTALLATION INSTRUCTIONS FOR THE MICRO P-1338 *Rev 5*

The Micro P-1338 Rev 5 is a replacement refrigerator control board for Dometic refrigerators. It has been redesigned to work with the old style gas valve or jumper selectable to work with Dometic's new gas valve.

Old style gas valve



New style gas valve



**Important!** Before installing your new MICRO P-1338, you should take a couple of minutes to carefully inspect the refrigerator wiring and the old board for damage.

This not only protects the new board, but can save you a lot of troubleshooting time.

If this trace is blown, check wires to interior light for short to GND.

If either of these traces are blown, check cables to main switch and thermostat.

If this part is blown, check thermostat cable and main lamp cable for short to GND.

2007718  
top Veiw

Check AC Heater Element for short to ground If there are smoke smudges or discoloration here or if this trace is blown.

If either of these parts are discolored or blown, check wires to the gas valve for shorts to ground

NOTE: Reversing the thermostat and gas valve wires will cause the same problem .

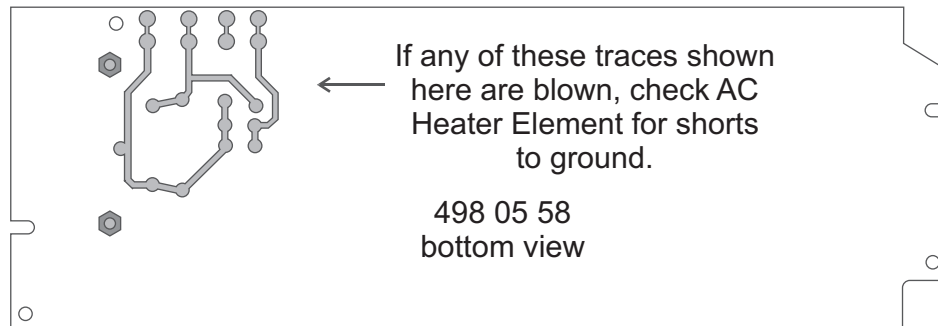
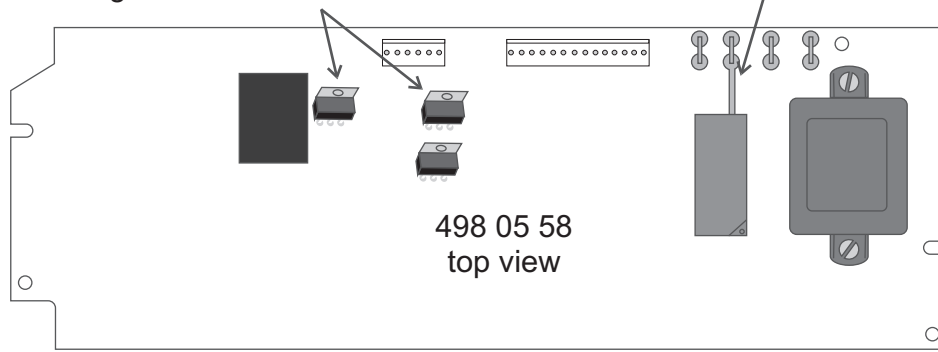
If either of these traces are blown, check wires to AC heater element for shorts to GND.

2007718  
bottom veiw

# INSTALLING THE MICRO P-1338 Rev 5

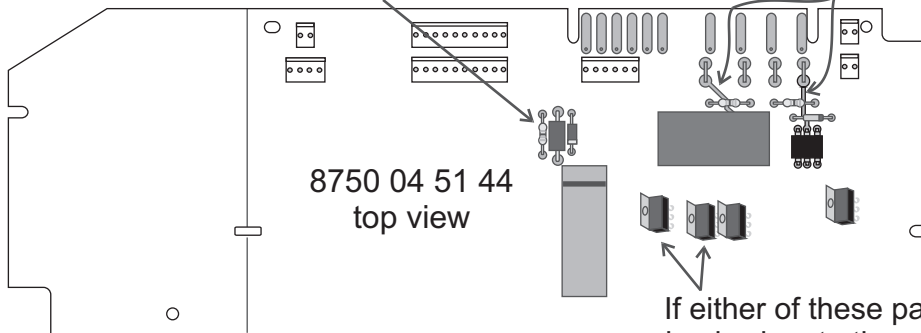
If either of these two parts are discolored or blown, check wires to gas valve for short to GND.

If this trace is blown, check AC Heater Element for short to GND.



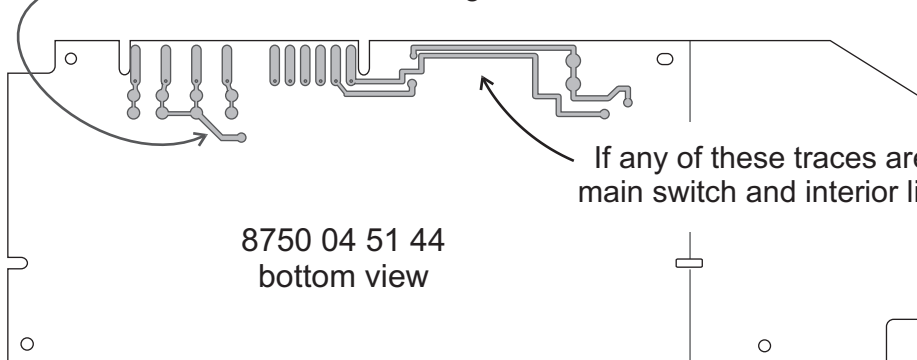
If this part is discolored or blown, check polarity of the 12v DC wiring to refrigerator

If either of these traces are blown, check AC Heater Element for shorts to ground.



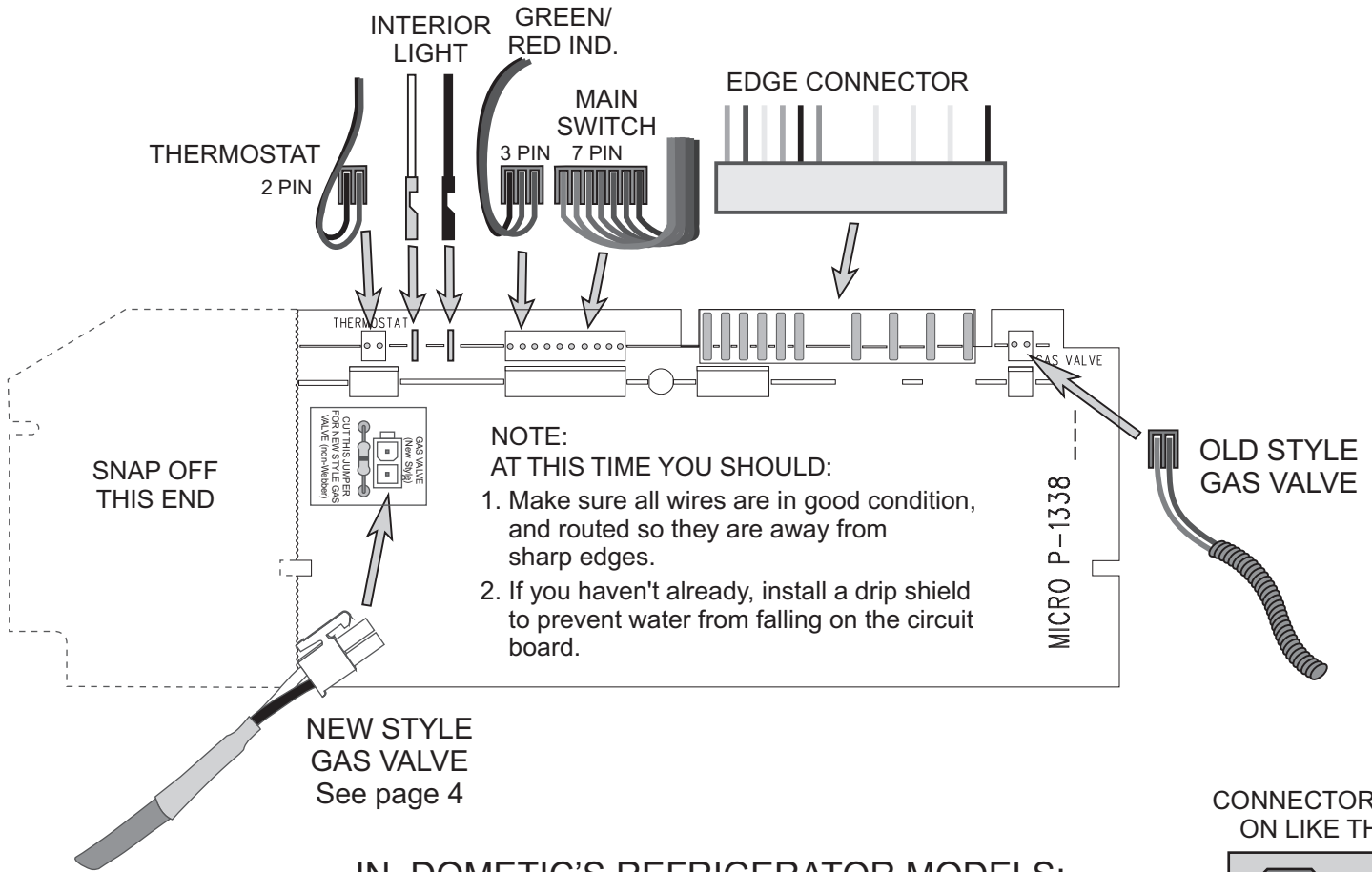
If either of these parts are discolored or blown, check wires to the gas valve for shorts to ground  
NOTE: Reversing the thermostat and gas valve wires will cause the same problem and so will plugging the gas valve wires onto the wrong row.

If this trace is blown, check AC Heater Element for shorts to ground.

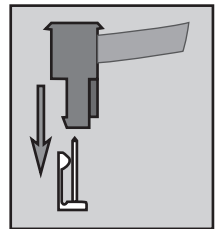


# INSTALLING THE MICRO P-1338 Rev 5

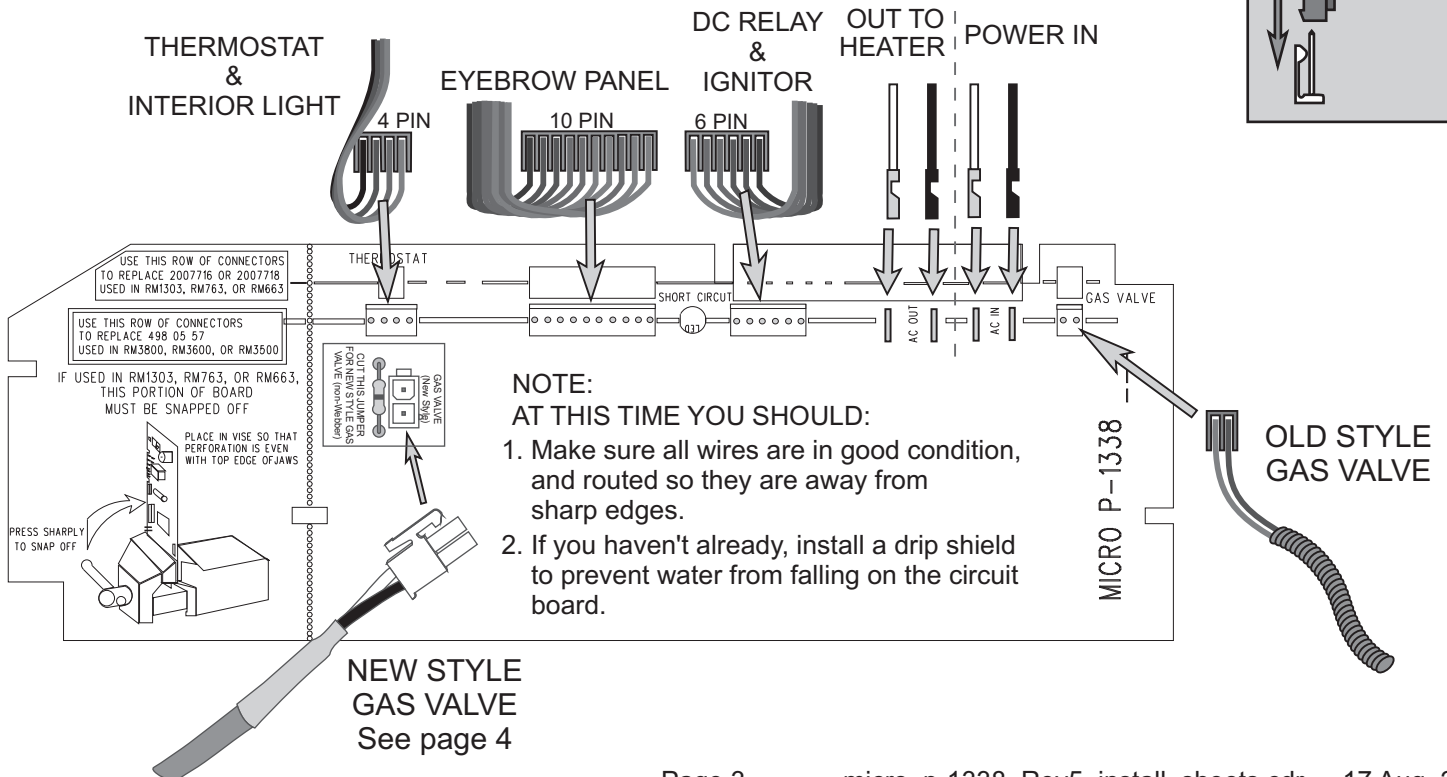
IN DOMETIC'S REFRIGERATOR MODELS:  
RM663, RM763, RM1303



CONNECTORS GO ON LIKE THIS.



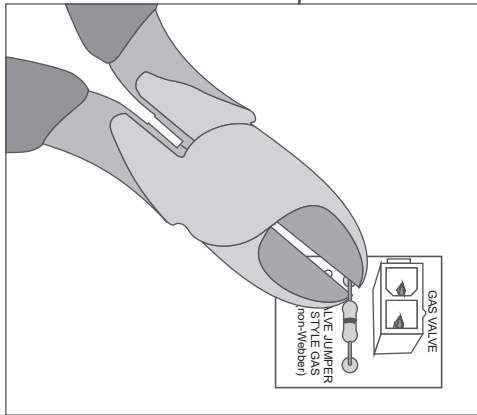
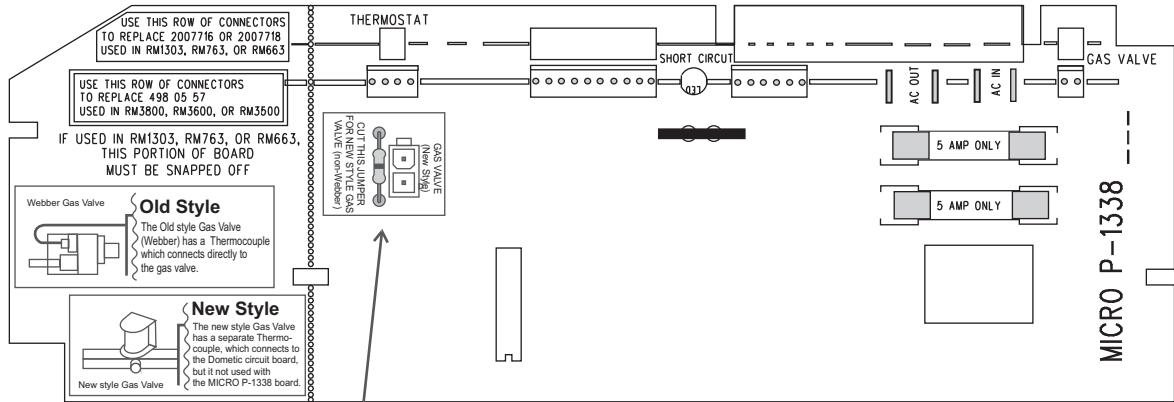
IN DOMETIC'S REFRIGERATOR MODELS:  
RM 3500, RM 3600, RM 3800



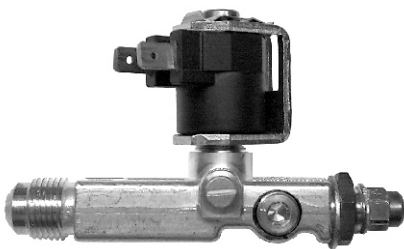
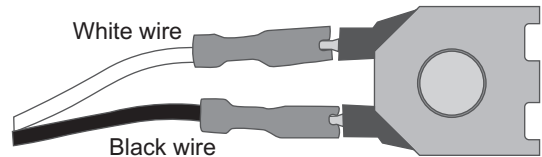
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In refrigerators that have Dometic's New gas valve kit installed

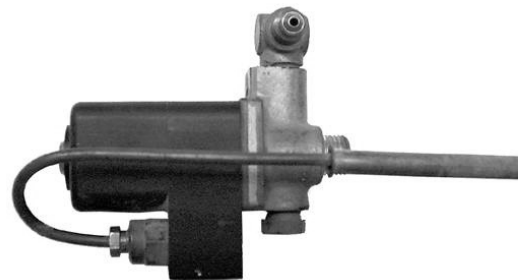
The 1338 does not require the use of the thermocouple. Flame is sensed through the re-ignitor. Coil the unused thermocouple wires and tie them out of the way.



Cut and remove the jumper to use the Micro P-1338 Rev. 5 with the New style Gas Valve used in Dometic's replacement kit. Plug the supplied gas valve wire connector into the connector marked "GAS VALVE (New Style)". Connect the female spade connectors to the gas valve coil as shown in the drawing below



New Style Gas Valve



Old Style Gas Valve (Webber)