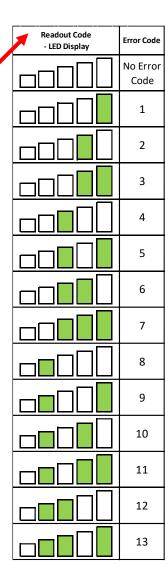


- To enter service mode, push 3 buttons simultaneously until binary code is visible
- 2. Then calculate or read in the table which error you see.

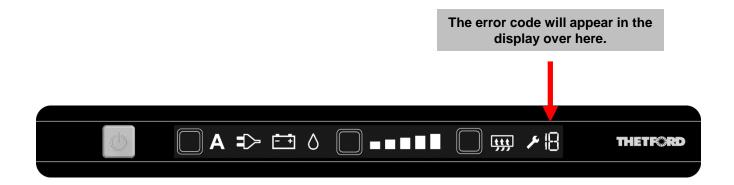


!!! Note: When supply voltage
12 VDC (low current voltage) is
not available, no error code will
be given. When 12 VDC is
available the green power LED
will be on. If battery pack is
empty you can see a red light !!!





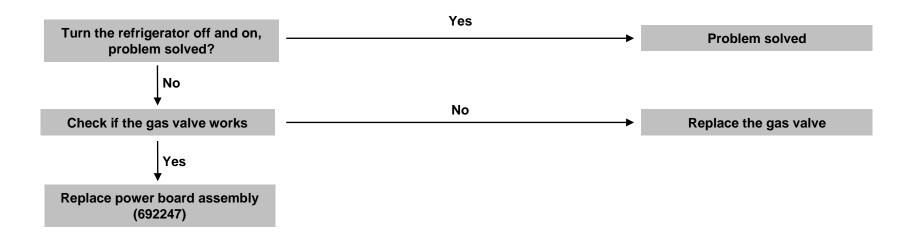
Service mode LCD



!!! Note: When supply voltage 12 VDC (low current voltage) is not available, no error code will be given. When 12VDC is available the green power LED will be on !!!



Error code 1: Senses flame when gas should be off



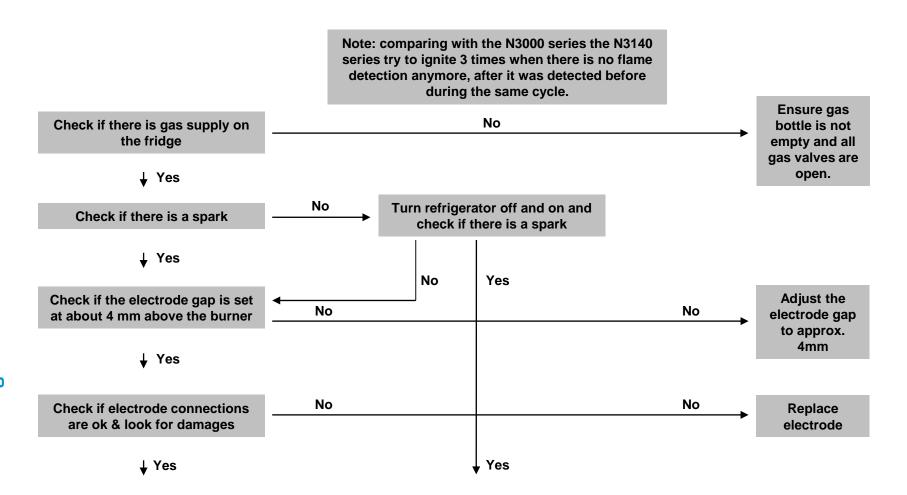


Error code 2: Burner control module returns incorrect feedback



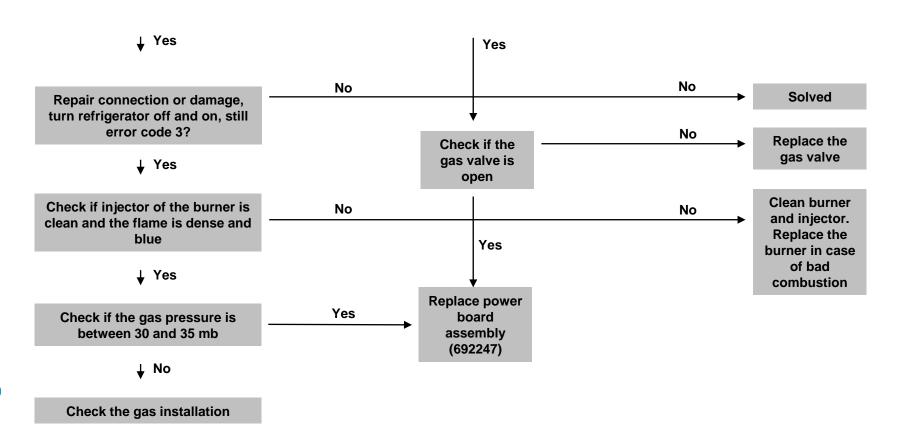


Error code 3: Gas lockout because flame fails to ignite within 30 sec.



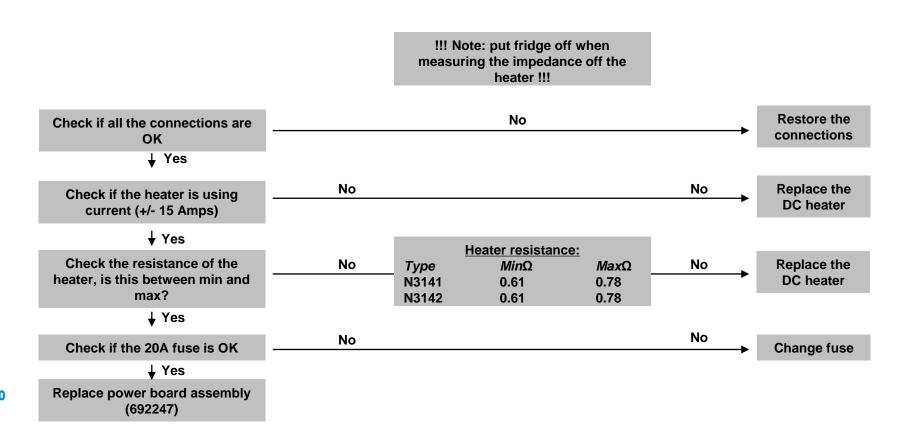


Error code 3: Gas lockout because flame fails to ignite within 30 sec.



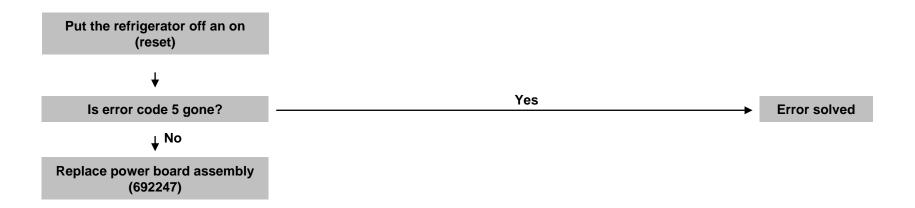


Error code 4: DC heater is off when it should be on



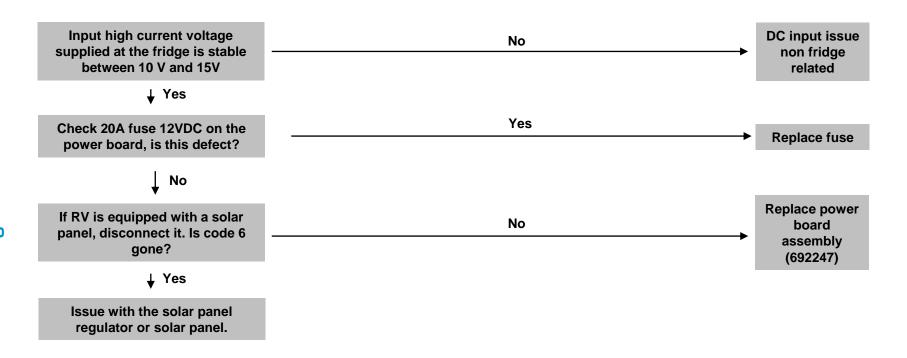


Error code 5: DC heater is ON when it should be OFF



Error code 6: DC high voltage is out of range (lower than 10 V or higher than 15 V)

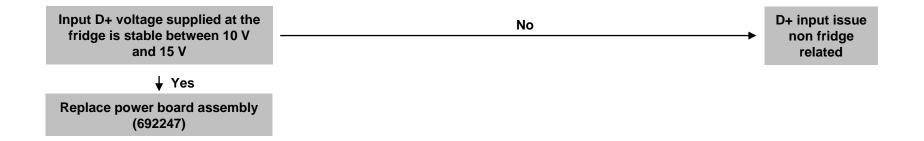
!!! If DC mode has been selected manually, the refrigerator is not switching automatically to another source of energy when the engine is off !!!





Error code 7: No "engine run" signal is present and control is in Manual DC mode

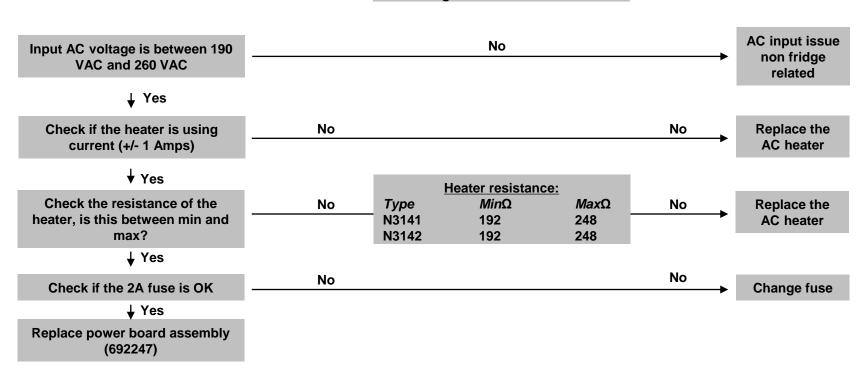
!!! To know if D+ polarity is good, select manually DC mode and engine off. If no error code occurs, that means that the D+ input is reversed. Ensure power supply is capable to supply correct amperage !!!





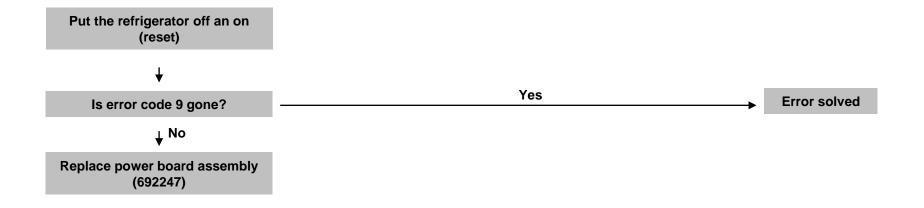
Error code 8: AC heater current is measured to be 75% below nominal current.

!!!Note: put fridge off when measuring resistance off the heater!!!



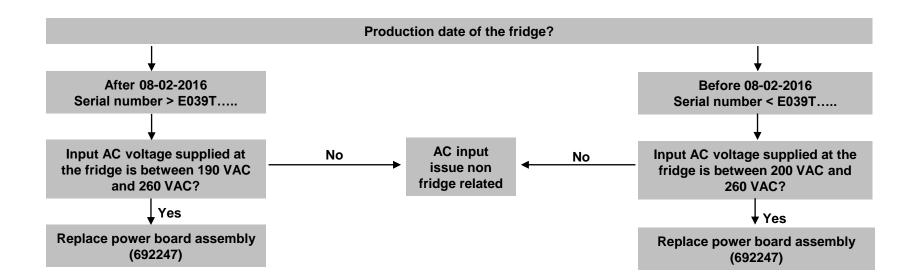


Error code 9: AC heater is ON when it should be OFF



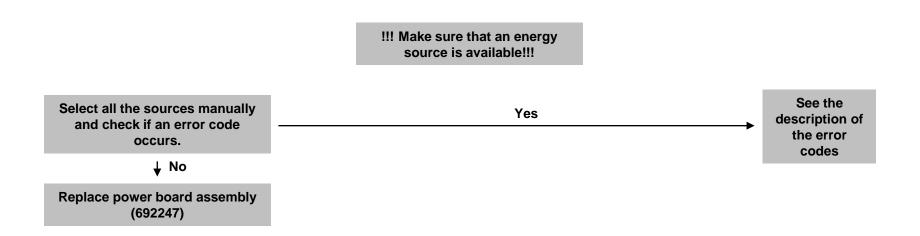


Error code 10: AC mains supply is out of range



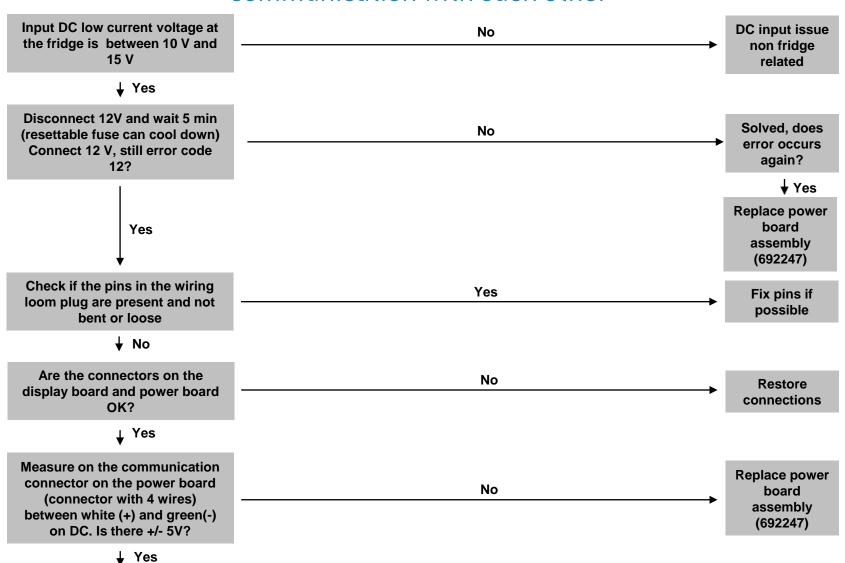


Error code 11: No energy source is available and control is in AUTO mode



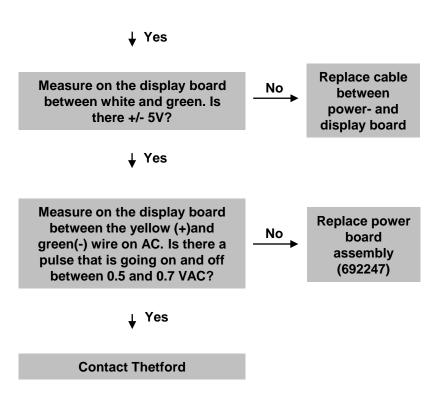


Error code 12: Display board and power board lose communication with each other



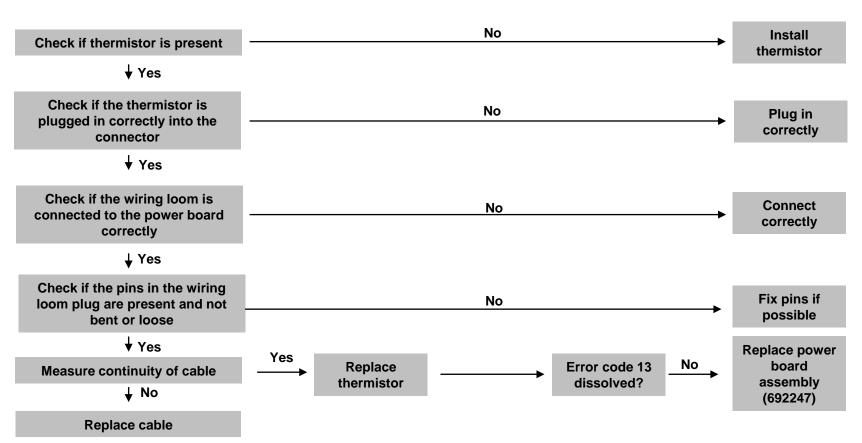


Error code 12: Display board and power board lose communication with each other



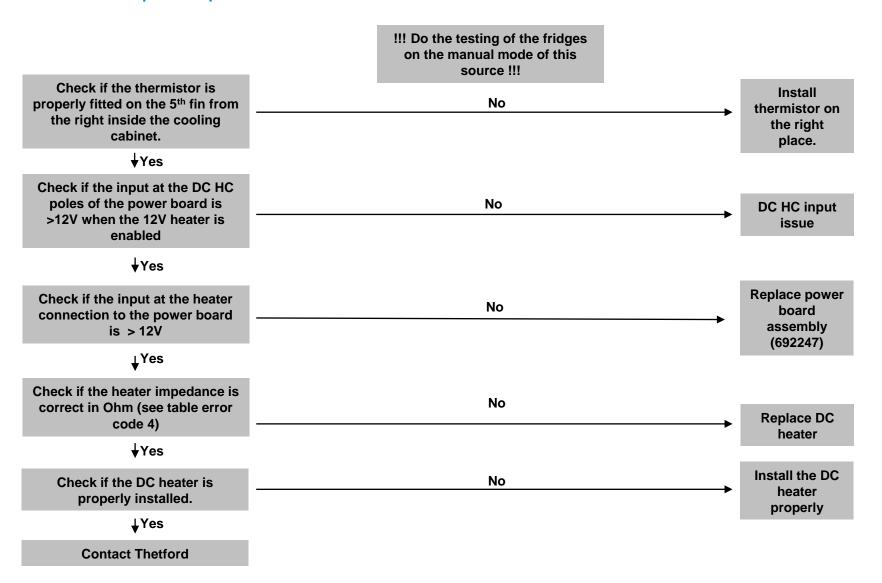


Error code 13: Thermistor fails; control automatically switches to Backup Operation System



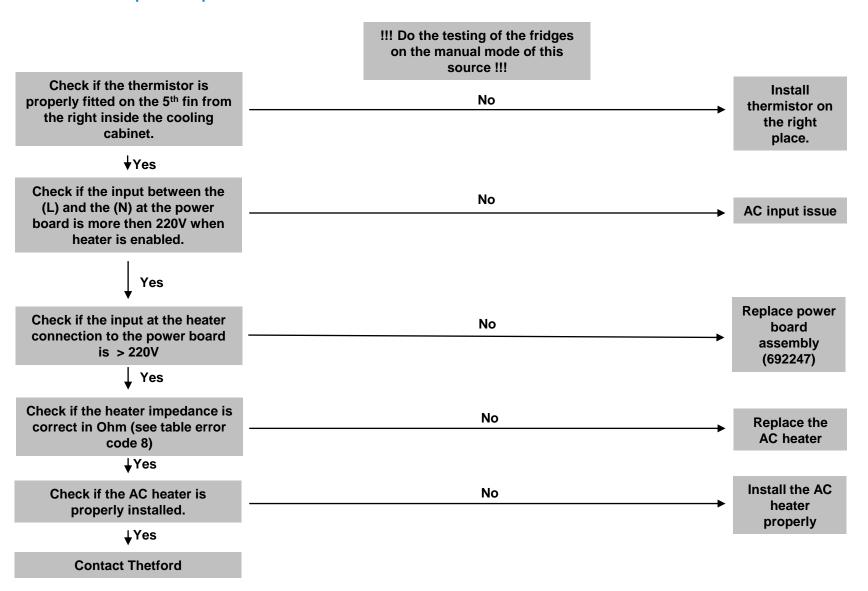


Inadequate performance on 12 VDC source and no error code



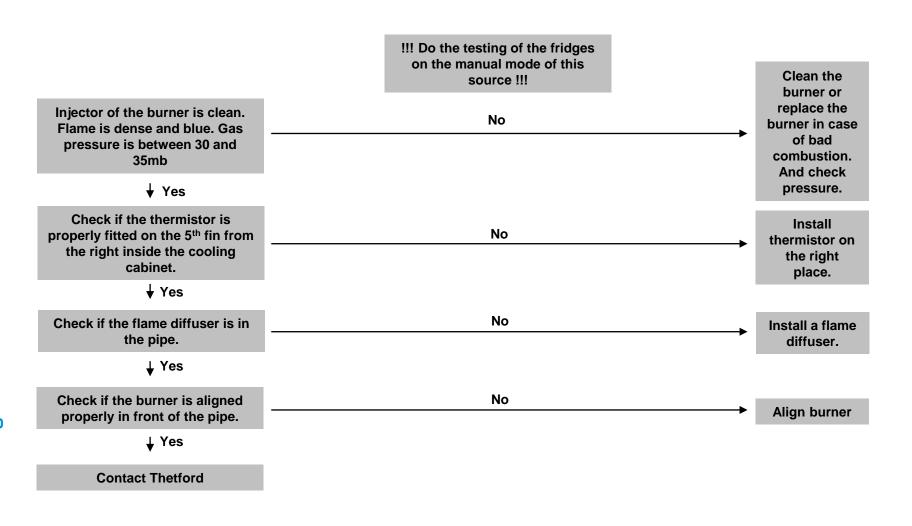


Inadequate performance on 230 V source and no error code





Inadequate performance on gas source and no error code





Appendix: Wiring diagram

