

Service manual FUNCTION wine cooler

Version A – November 2005



COOL EXPERTS

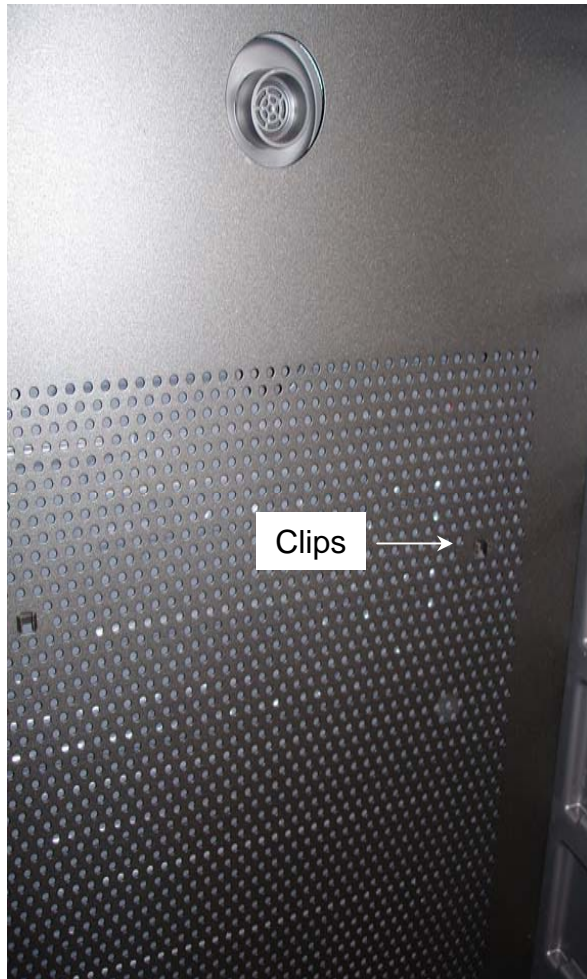
Service manual FUNCTION wine cooler

1. Access to evaporator, ventilator and heating element
2. Location of top and bottom sensor and sensor for frost protection thermostat
3. Access to hinge with adjustable foot, lock and control panel.
4. Dismounting of control panel "Remote control".
5. Dismounting of cover for terminal box in engine room
Location of frost protection thermostat
6. Door magnet switches off the light when the door is opening
7. Location of type plate and description of data on type plate
8. Resistance values of temperature sensor
9. Replacement of bottom sensor
10. Reversible door
11. Replacement of light bulb/light fitting



1. Access to evaporator, ventilator and heating element.

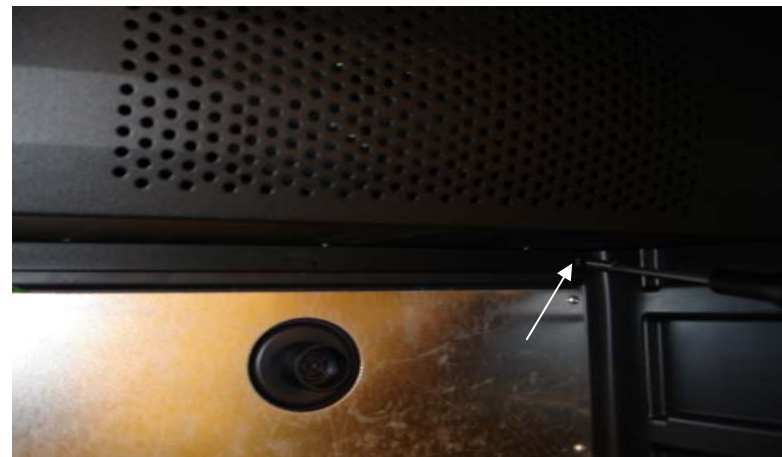
1. Pull front plate from evaporator clips



2. Dismount 2 screws in front of the box



3. Dismount 2 screws at the bottom of the box



1. Access to evaporator, ventilator and heating element.

1. Ventilator box



Back side, ventilator shield mounted with 4 screws



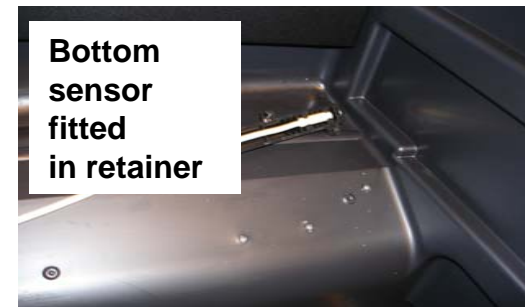
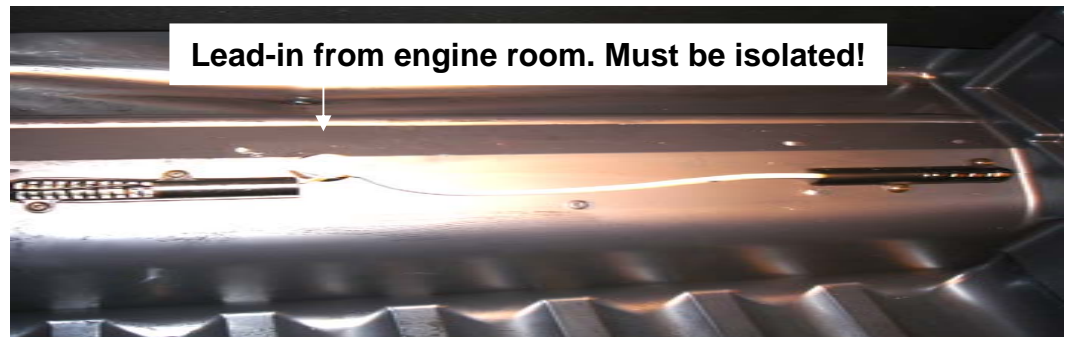
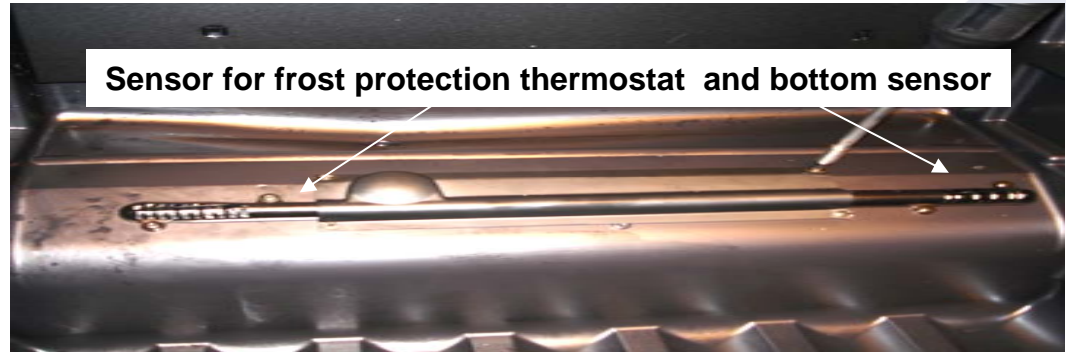
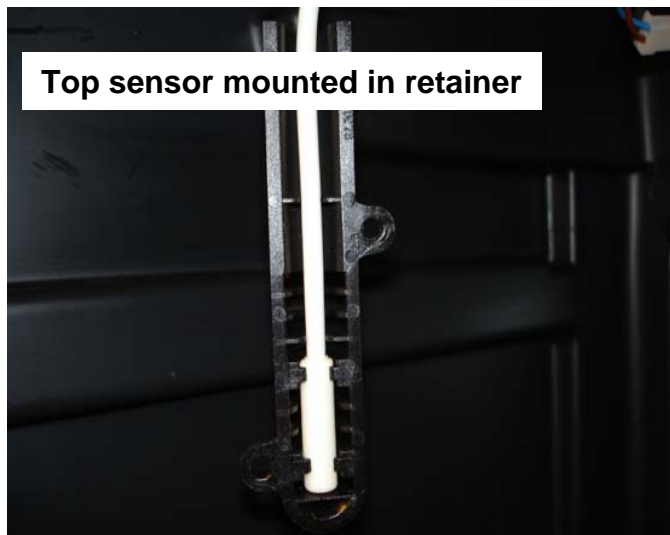
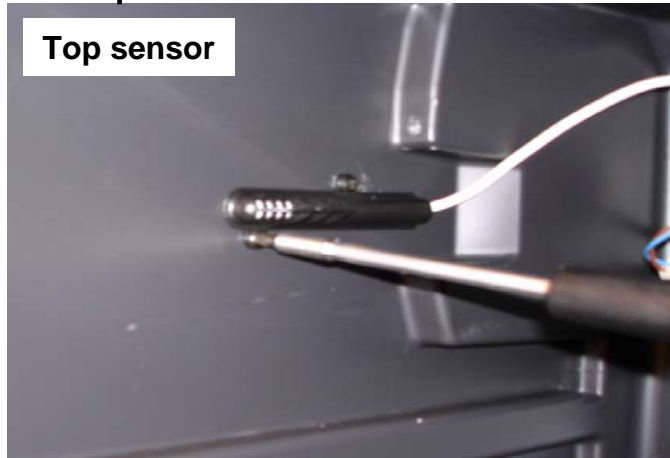
2. Heating element mounted with 4 screws



Back side of heating element



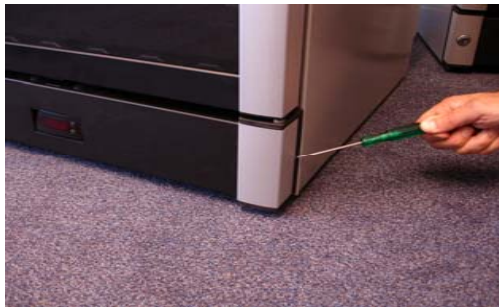
2. Location of top and bottom sensor and sensor for frost protection thermostat



3. Access to hinge with adjustable foot, lock and control panel



1. Tip outwards with straight slot screwdriver 3. Unscrew catch for lock



2. Remove cover from the column



4. Take up catch and remove cylinder



5. Unscrew 2 cross slot screws

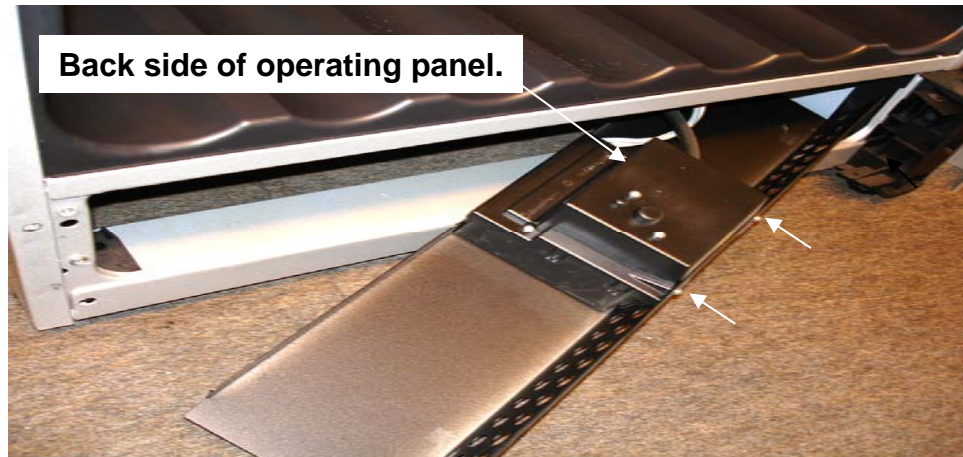


6. Dismount 4mm Allen screws and remove the column.
Hereafter, the base plate can be dismantled from the cabinet.



4. Dismounting of control panel “Remote control”

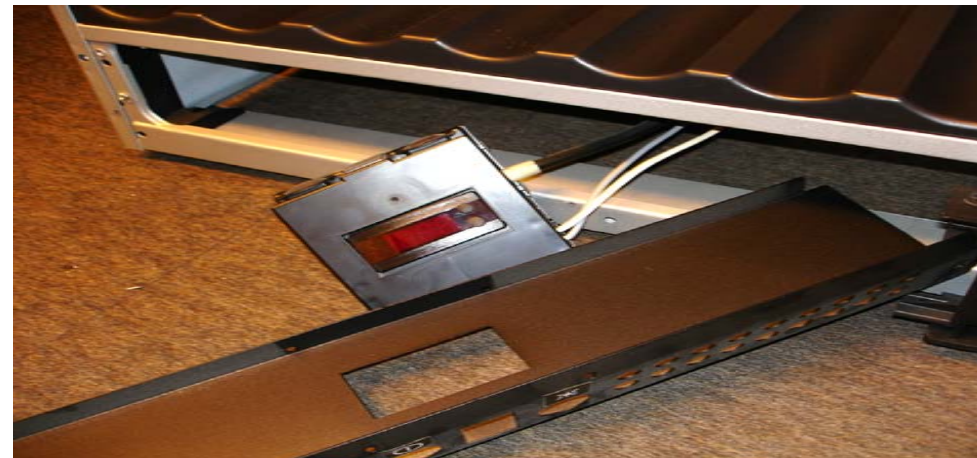
1. Unscrew screws in control panel



2. Hereafter, the control panel can be pulled free from the base plate

The control panel consists of:
Remote control
ETC1H, thermostat
ON/OFF print

If this (control panel)
is defect, it is recommended that the
entire unit is replaced!



5. Dismounting of cover for terminal box in engine room. Location of frost protection thermostat

1. Place a straight slot screwdriver in the cover



2. Hereafter, pull cover backwards



"Black" lead from control panel comes from the front along and under the bottom and plug fitted in terminal box.



6. Door magnet switches off the light when the door is opening

If the ventilator is operating when the door is being opened, this is switched off.



Magnet



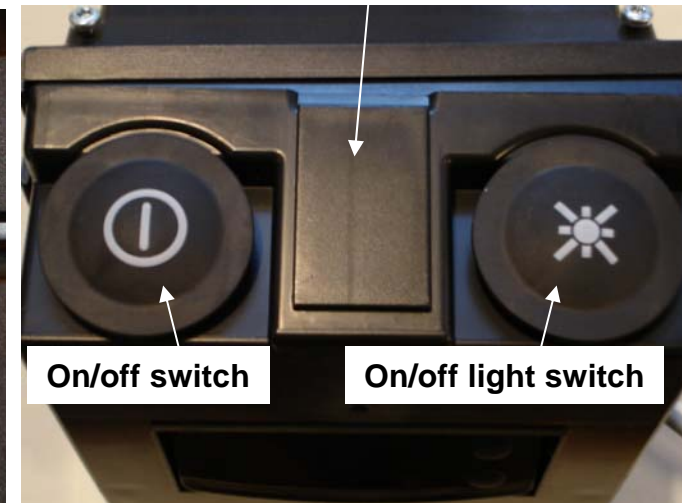
Retainer



The magnet is placed under the door



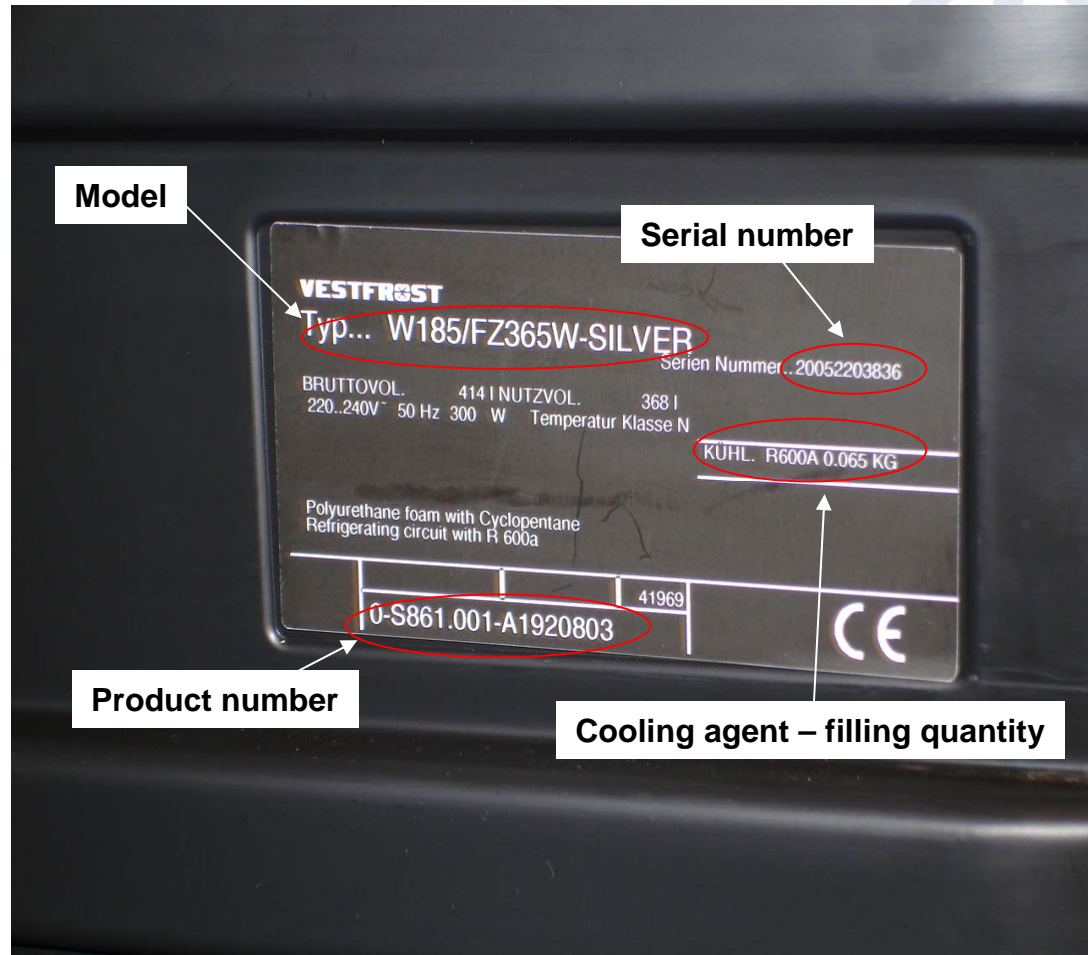
Micro switch (light)



The light will be switched off all the time if the light switch is positioned at off

7. Location of type plate and description of date on type plate

Placed in the right side of the inner container



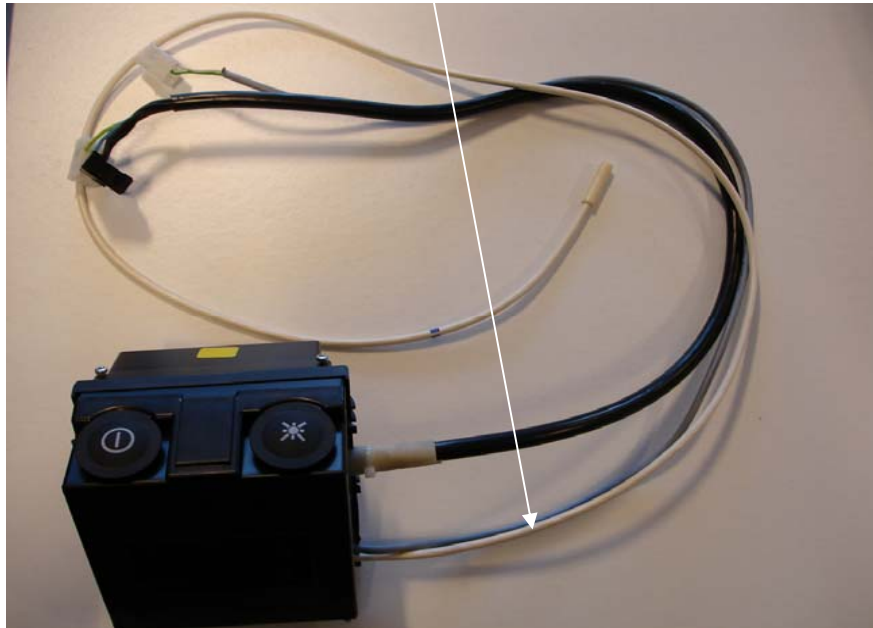
8. Resistance values of temperature sensor

The sensors are the same and the resistance values are as follows:

Temperature	Resistance
❄ 30°C	4.029ohm
❄ 25°C	5.000 ohm
❄ 20°C	6.246 ohm
❄ 15°C	7.855 ohm
❄ 10°C	9.951 ohm
❄ 5°C	12.696 ohm
❄ 0°C	16.330 ohm
❄ -15°C	36.503 ohm
❄ -18°C	43.329 ohm
❄ -20°C	48.614 ohm
❄ -25°C	65.335 ohm
❄ -30°C	88.765 ohm

9. Replacement of bottom sensor

Defect sensor is cut app. 100 mm from the box



Sensor kit "service" FUNTION.

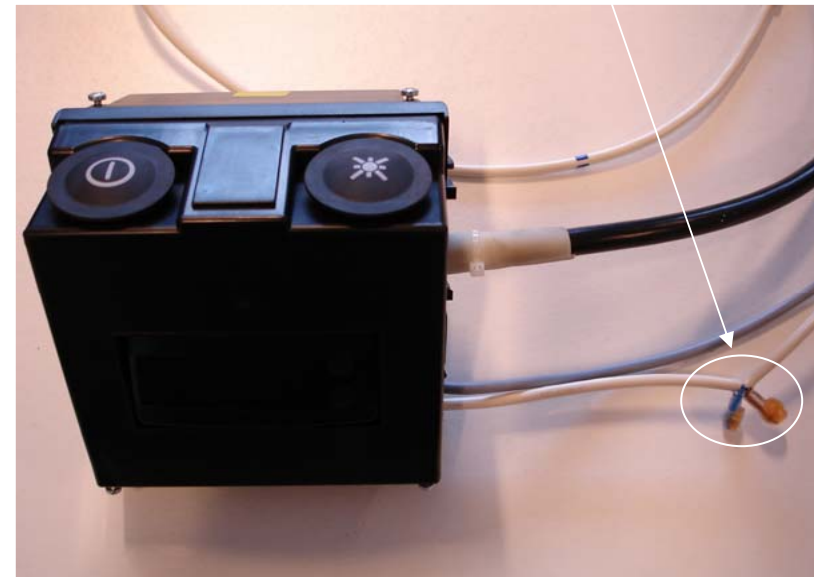
Spare part number 0-A97038764 consists of.:

- 1 x 0-7038764 Sensor 3.0m
- 2 x 0-7038676 Scotchlok UY2 connector.

Scotchlok UY2 connector.

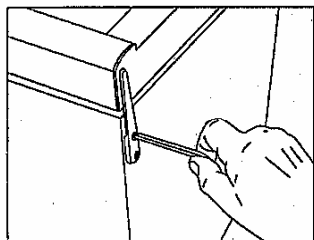


New sensor is fitted and assembled with Scotchlok UY2 connector!

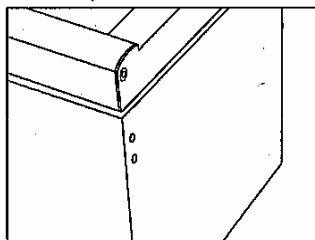


10. Reversible door

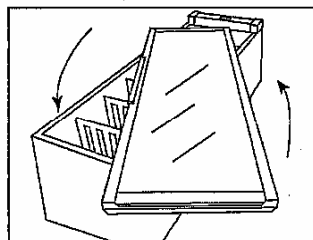
The door can be changed from right-hinged to left-hinged and vice versa as follows:



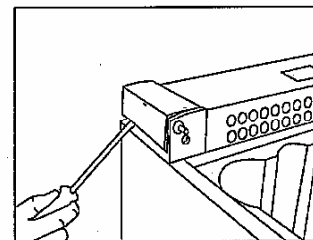
1. Lay the appliance on its back and loosen the upper hinge.



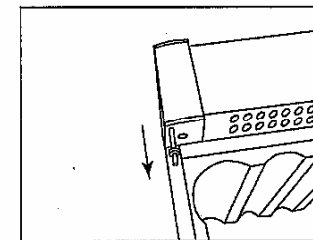
2. Remove the upper hinge.



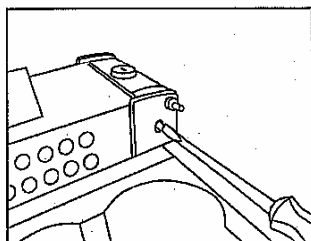
3. Rotate the glass door through 180°. (On FZ 295 W, pull the handle to loosen it on the inside from beneath the sealing strip)



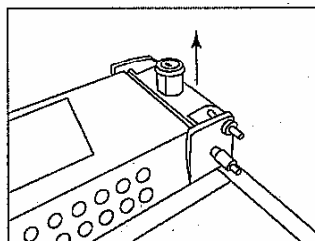
4. Carefully remove the covers on the side of the plinth using a flat-headed screwdriver.



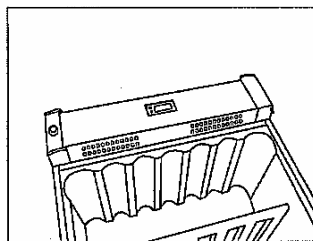
5. Pull up the hinge pin...
...and fit it on the opposite side



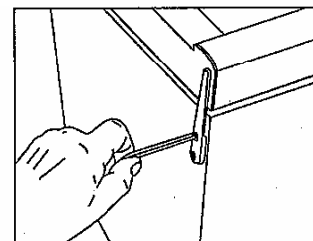
6. Unscrew the lock pin using a flat-headed screwdriver



7. When the lock pin has been loosened completely, pull it up together with the lock cylinder and refit on opposite side



8. Click the covers into place on the plinth sides on the opposite side



9. Fit the door onto the bottom pin, fit the top hinge and tighten securely

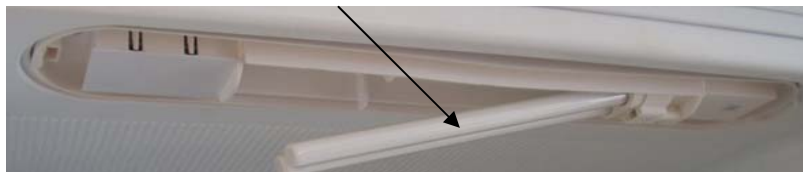
10. After reversing the door, it is important to check that the sealing strip provides a tight seal all the way round. If it does not, carefully heat the strip all the way round using a hair dryer. Then ease the strip outwards slightly so that it forms a tight seal against the cabinet. Be careful not to heat the strip so much that it melts.

11. Replacement of light bulb/light fitting

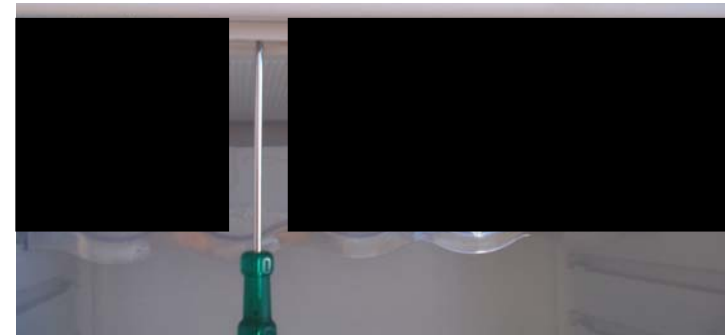
Push lightly, and the glass can be removed from the fitting



PL-S 11 watt tube Phillips.



Pull out PL-S tube



Fitting can be dismantled by unscrewing the screws