T023 – Fault Finding MR2000 Display Box
ver1.0 Nov 2015

If error code **E-7** is displayed on Display Box (value cannot be changed) check the following:

A Security box is correctly plugged in.

Check that the display boxes were not in test before the security box was plugged in.

Remove the display box lid and check the communication voltage at pins 6 and 7. This should be a minimum of 10 volts DC.

If this voltage is less than 10 volts DC check the wash reset box PCB input/output voltage at follows pins 1 and 2 (input voltage) 12/14 volt DC, pins 8 and 9 or 11 and 12 (output voltage) 12 volts DC.

If the input voltage is ok but the output voltage is less than 8 volts the PCB needs replacing.

If the output voltage pins 8, 9 and 11, 12 is ok start to check each display box communication voltage pins 6 and 7. The quick way to do this is to put each box in test starting from the wash reset box end of the parlour and try to make a change. If you do not get an error E7 then move to the next box and so on until you find a box showing E7 this means there is a breakdown of communication between that box and the previous one. In this case check pins, wires and the cable between the 2 boxes.