



Replacing the boiler element

Bluestarcoffee.eu0816

ascaso
for coffee lovers



SPARE PARTS

Disclaimer: This intended as a guide only. We accept no responsibility for physical or personal damage .

Replacing the boiler element

You will need:

1. Philips screwdriver,
2. hexagonal Allen key (5/22)
3. 2 spanners (11+13).



Give your self 30-60 min to replace the boiler.

1. Plug out machine.
2. Make sure machine is cold before you do this.
3. Remove top, unscrewing 2 long screws underneath, near the coffee group. Fig.1
4. **Take a photo** of the machine exposed so you will know where to put back the wires.
 - 1st Remove 2 x thermostats by unscrewing anticlockwise, and safety fuse. Fig 2.1
 - 2nd Remove Temperature gauge probe by unscrewing screw - Fig3.
 - 3rd Unscrew pipes going to the boiler – These vary from 2 – 4 according to the model variety.
If you have the solenoid version, remove the 2 silicon pipes and Teflon pipe and Unscrew the + shaped pipe anticlockwise.
5. Next step is to separate the boiler from the group bell. Remove the 4 hexagonal screws, holding the boiler to the group. Fig 4.
NOTE: Boiler will leak about a cup full of water, so you will need a cloth.
6. Boiler will come away, as a whole unit , separate the group from the boiler , using a flat screwdriver.
7. Replace new boiler and boiler seal and boiler pipe. Fig 5.
NOTE: Insert porta filter into group 1st, then push up under coffee machine, then add boiler element and last add the screws and tighten. Make sure that porta filter is at right angles to machine Fig. 6
8. Reassemble the boiler, pipes, thermostats and temperature gauge and reinsert wires.
9. Turn on machine and if there are no leaks, put lid back on and you are finished.



Fig. 5 Separating the boiler from the group

Boiler seal fits onto groove in group.

Pipe screws onto group. (You don't have to replace the pipe, only if you need to)

Watch out for water leak when separating the boiler

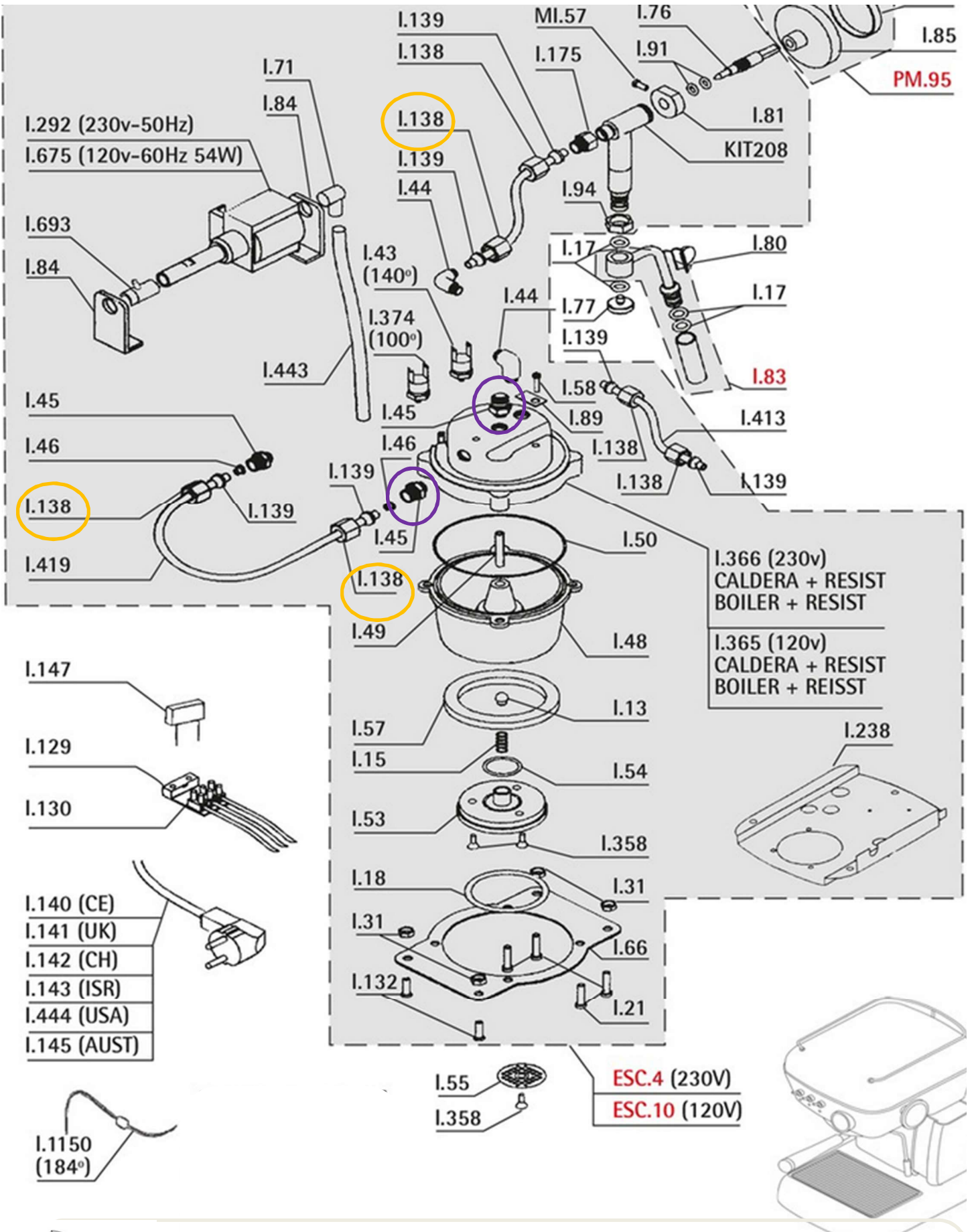


Fig 2.1
Thermal safety fuse
Not shown

Fig 3
Temperature gauge

Fig 2
Thermostats





Spanner Size



Spanner # **11** = 1.45 Marked with purple circle on the diagram

Spanner # **13** = 1.138 Marked with orange circle on the diagram