Fitting New 2012 PCB to Older Aztec Classic Boilers

Isolate mains supply to boiler and remove cover. Test for safe isolation
Remove all connections from PCB.
Remove 4 screws securing aluminium heat sink to boiler chassis.
Remove 4 screws from ducting to aluminium heat sink, top and bottom of PCB. Remove the 2 screws on the top pipe bracket.
Withdraw PCB side ways from boiler.
Discard the top and bottom duct, covering the fan.
Slide new PCB into place and secure with 2 screws to the left-hand side of PCB. Secure top pipe clamp to PCB.
If possible re-fit the 2 PCB screws on the right hand side.
Re-fit call/pump wiring plug, Thermistor plug and Fan/High limit plug. The fan is no longer required; the terminals will remain in place to support the plug but will not be supplied with power.

Pump

Connect the link supplied between the pump live and the switch live in the call block.

The pump requires a Neutral which it takes from the PCB. The system controls if fed from the ring main will trip the RCD when the call to run the boiler is applied. (Borrowed Neutral). The controls can be supplied from the L terminal of the call block. Use the Neutral and Earth from the pump block. This supply is fused at 1A on the PCB.

Connect 4 Live supply cables from the mains connector block to the 4 terminals marked:
Live 1, Live 2, Live 3, Live 4.

Use the supplied live cable if the boiler was manufactured before 06-2008. See boiler serial number for date. 4### 0608 ####

Connect the element live cables to the terminals marked: Element 1
Element 2
Element 3
Element 4 (Element 4 terminal is only used on 11 and 12kW models)

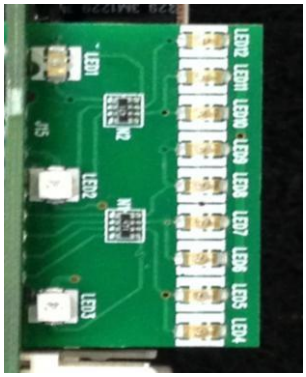
Some models might require the live cables from the PCB to elements to be connected to the neutral side of the elements and the live element connections to be connected to the Neutral cables.
This will allow the live cables from the elements to reach the PCB connections.

Connect 3 Neutral cables from the mains connector block direct to the element connections and the 4th cable, only required on 11 and 12kW models (supplied with saddle back terminal) connect between PCB Neutral and element. Utilise a spare Neutral wire and connect between terminal block and PCB Neutral.

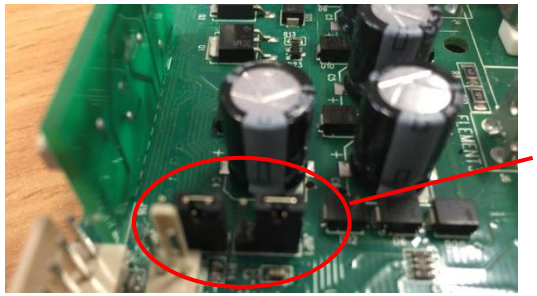
Jumper Settings

See reverse wiring diagram.

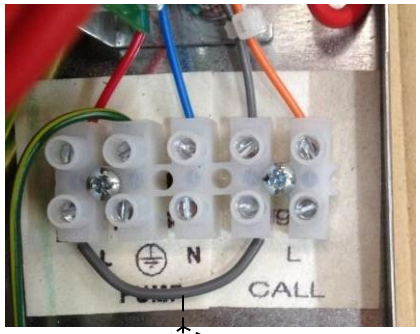
LED Lights



LED 1:	Green power light	LED 12:	75°C
		LED 11:	70°C
		LED 10:	65°C
		LED 9:	60°C
LED 2:	Amber running light	LED 8:	55°C
		LED 7:	50°C
		LED 6:	45°C
		LED 5:	40°C
LED 3:	Red lock-out light	LED 4:	35°C



Jumper Position on PCB



This link needs to be left connected on installation.