



# APULJACK

ELECTRONICS LTD

DESIGN AND REPAIR SPECIALISTS

## Burner Control Device Tester

### User Instructions

Product Code: TES-APU-008-NE



The BCD Tester allows the burner Control Device to perform a normal gas start on the fridge. Because the tester is powered from your mobile phone it does not rely on any of the vehicle 12V or the fridge control PCB. This allows easy diagnostics of the BCD without the reliance of any 12V or fridge circuits.

To use the tester, remove the 3 way BCD plug from the PCB (usually the X110 plug) and plug onto the BCD Tester.

**\*\*CAUTION\*\* - ENSURE THE CORRECT WIRE COLOURS/POLARITY OR DAMAGE WILL OCCUR**

Now plug the BCD Tester into the USB C socket on your phone (or USB power bank). The IGN/LIT LED should illuminate and the sparker will be heard. Assuming the appliance has a gas supply, the fridge should light on gas and the IGN/LIT LED will remain lit. If the gas does not light, after approximately 30 seconds the ERROR light will illuminate. In the case where the flame is blown out, the BCD should attempt a relight. If neither of the LED's light, or if the ERROR LED is on all the time then the BCD is defective. In the case of no gas being heard from the burner, you should test that the voltage across the gas valves is approximately 1.5V.