

16693 Re-wire

The size of the gland accepts 8-13mm cable. You cannot just push the original 2 cables in to one gland and expect a safe solution.

For the purpose of this list I have assumed we are working on Lamp 1.

I have used 13mm 3 core cable. Pliers for turning the gland nut. Wire strippers for stripping wire ends.

Remove the original ballast and wiring, back to the lower junction box.

Strip the cable insulation by around 25mm.

Strip the core insulations by around 3mm.

Pass the gland nut, and gland thread onto your cable.

Wire **Live** on to **Pin 1** of the multi plug

Wire **Neutral** on to **Pin 2** of the multi plug

Wire your third wire (This will be **D#**) on to **Pin 4** (50 hertz machine)

Tighten the gland thread on to the multi plug, and then tighten the gland nut to create a water tight seal.

The other end of your cable is now going to be fed in to the bottom junction box.

Live will be wired on to Live1 from Lamp 1 circuit breaker.

Neutral will be wired in to the common neutral cluster.

Your third wire **D** is now wired on to the **Turn Cable Wire 1**

You can use wago terminal clips, a soldering iron, or direct crimps to do this as you see fit/subject to tools availability but this is all you need to do. It will be around 15 minutes of work all in.

You may have an Earth feed left over coming from your control panel. You can take this to any ground point in the junction box, or inside the control panel. The lamps are grounded in the upper junction box.





Bottom Sct Box

D should go to the relevant lamp cable on your turn cable (1/2/3/4) - this is the D+ cable going on to your igniter.

Neutral will go to the common neutral cluster in the junction box.

Live should go the live incoming from your circuit breaker for the relevant lamp

