



Important Notes:

1. **Always make sure the unit is disconnected from the mains.**
2. **All work on mains operated equipment should only be carried out by a qualified, competent person**
3. **All portable mains operated equipment must have a Portable Appliance Test (PAT) carried out when the case is removed and then at regular intervals depending on its use to comply with current regulations. If in doubt consult your Local Authority for guidance**

The most complicated part with replacing the case is removing the cable gland used to fix the mains cable to the back of the unit. The following instructions below can help make this process easier but it can be tricky.

1. Use a pair of pliers to squash the two parts of the clamp together. Pull the mains cable firmly down and away from the smaller section of the clamp, at an angle of about 45 degrees, whilst maintaining the pressure using the pliers. This should allow the clamp to be removed.
2. Alternatively, use the special cable clamp tool to compress the clamp and proceed as above.
3. If neither of the above work uses a small hacksaw to cut around the clamp, being careful not to cut the mains cable. Once the mains cable has been released, remove the four nuts and bolts that hold the case to the front panel. Retain these.
4. Remove the L shaped bracket from the plastic case. The mains cable is clamped to the bracket by a black plastic assembly. Remove the nut from the top of the assembly and release the mains cable. Pull the three mains connectors on the mains cable from the switch (2) and the earth (1). Pull through the hole in the plastic case to free.

5. Using a rubber faced mallet and a cloth to prevent denting, fit the three mushrooms to the back of the new case.
6. We have provided two different cable clamps for fitting the cable to the new case. One is an original Irwin strain relief clamp and the other is a two-part cable gland. You may use either. We have found that using the cable gland makes the job a lot easier and makes disassembly a lot easier too.
7. When using the cable gland, thread the cable through the nut, then through the case, from the back and then push the domed section, thread first, onto the cable.

If you use the 2-part cable gland you may have difficulty fitting the connectors through. If this is the case either, cut off the connectors, strip the wire and solder to the switch/earth or crimp new connectors once the mains cable has been threaded through the case.
8. Connect the mains cable either by soldering or using the connectors and reassemble the internal mains clamp. Push the domed section thread through the hole in the case and thread the nut on. Tighten firmly.
9. If using the Irwin strain relief gland compress it as before and push into the hole. Once it is partly in the hole, hold in place and use a pair of pliers, slightly opened to sit around the mains cable and lay across the clamp. Using a hammer, hit the face of the pliers to force the clamp into the hole.
10. Using the four nuts and bolts, complete the assembly. You should now PAT test the unit prior to use.



The Irwin Cable clamp tool - Code: ICT5004