

Replacing the Dual Plasma Controller Transformer

Accessory G6600-67001

Purpose

To replace the transformer in a Dual Plasma Controller.

Scope

This procedure describes how to replace the transformer in a Dual Plasma Controller for use with either the 355 SCD or the 255 NCD.

Safety

Make sure all devices are powered off while performing the installation.

Follow ESD precautions while performing the procedure.

Materials

- A Dual Plasma Controller transformer kit
- The Dual Plasma Controller
- 11/32" wrench
- A Philips screwdriver

Procedure

1. Make sure all devices are powered off (Controller, pump, and GC).
2. Remove all connections from the back of the Controller.
3. Take ESD precautions; put on an ESD wrist strap before proceeding.
4. Remove the cover from the Controller.
5. Locate the transformer and power entry module (see Figure 1).





Figure 1 The transformer and power entry module

6. Take note of the order of the wires in the power entry module. Remove the wires from the power entry module; use a needle nose pliers if necessary.
7. Remove the transformer from the lower case by using a 11/32" wrench to loosen the four nuts on the transformer feet.
8. Remove the new transformer assembly from the packaging.
9. Attach the transformer to the lower case by securing the four nuts.
10. Connect the transformer wires to the power entry module in the appropriate order (consult Figure 2 for proper order).

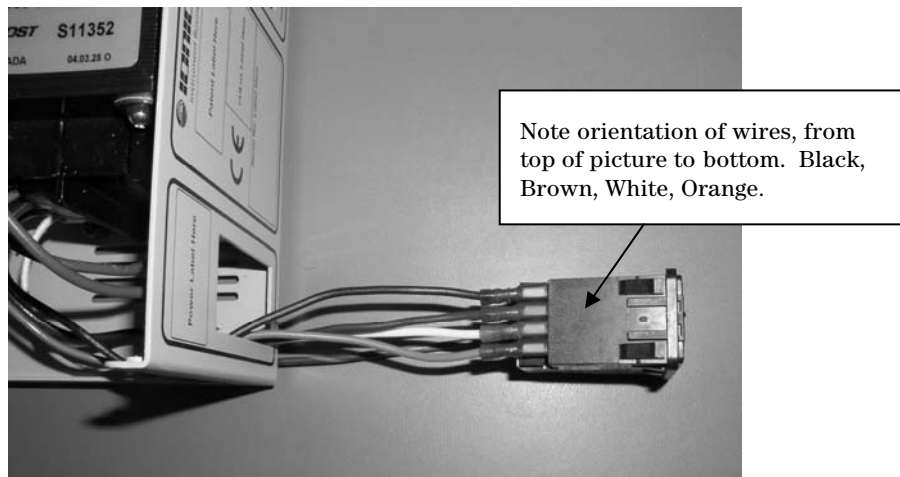


Figure 2 Correct order of wires to power entry module

11. Replace the Controller cover and secure properly.
12. Restore all connections to the back of the Controller.

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