TRANSFORMER INSTALLATION INSTRUCTIONS

You have been sent a Replacement transformer from Jantec Sign Group. Due to product discontinuation, this transformer may not be exactly the same as the one you are replacing. There is a possibility that you may have to drill new mounting holes to mount your new transformer. We realize this is an inconvenience, but you will find that the improvements in reliability and sign performance with our new transformers will be well worth the effort. It is important that you locate your new transformer as close as possible to where the original transformer was located. It is also important that you run the two high voltage leads (wires from your transformer to the glass tubing) exactly as they were run on the original installation.

If your original transformer was located under your glass tubing, the new one may not fit. In this case we recommend that you position your new transformer on the back of your sign (in the same position as the original, just on the back of the sign instead of on the front). You will have to drill holes to pass the high voltage wires through to the front of the sign.

While individual transformers do sometimes fail, it would be very unusual for someone to have multiple failed transformers in a short time without an extenuating circumstance. We suggest that you check your voltage on your outlets. If a circuit is overloaded and voltage drops (sometimes this is only "part time" like when an AC unit is running or a piece of equipment is turned on) the transformer has to work much harder causing it to overheat and trip the safety switch. While this has always been true, a couple of years ago the Federal Government tightened the mandatory safety standards making fires less likely (although they were extremely rare) and failures MUCH more likely. These transformers are actually working the way that they were intended by turning off before a fire occurs, but that's not very helpful to you when you just want your sign to work. Often the transformer failure problem is completely alleviated by changing the circuit of a "big power draw" item.

Notes: Jantec sign backings are constructed with unbreakable polycarbonate. This material can be drilled without the risk of it cracking. Each neon sign transformer requires 1 ½ amp and 120V input. While everything is running they require a minimum of 118V.

INSTALLATION INSTRUCTIONS

Removal and re-installation of your transformer should be done by a qualified electrical person.

1.Make sure that your entire sign is unplugged (all power disconnected from the sign).

2.Carefully slice along the length of the two electrode boots (where the two transformer wires connect to the glass) with a safety razor or razor knife. Make sure you support the fragile glass with your other hand while slicing such that you do not break the glass. Once cut, you can peel the boots away from the glass electrodes. Do not attempt to slide the boots from the glass electrodes without slicing them open or you may break the glass. (Note that replacement boots have been included with your new transformer).

3.Gently untwist the twisted wires and remove the wire leading to the old transformer.

4.You can now unscrew the old transformer and remove it from the sign. Most of the transformer are attached to the backing with rivets which need to be drilled out. Make a note of the path the wires took from the transformer to the electrodes. IT IS IMPORTANT THAT YOU RUN THE NEW WIRES ALONG THE EXACT PATH THAT THE ORIGINAL WIRES RAN, SECURING THEM TO THE SAME WIRE HOLDERS THAT THE ORIGINAL WIRES RAN THROUGH. (note that replacement wire ties have also been included with your replacement transformer.) It is important that the two high voltage wires leading from the transformer to your glass tubing do not touch (or get close to) each other or any of the glass tubing / other wires on the sign.

5.Attach the new transformer. If you have been shipped an upgraded model transformer you may have to drill a new mounting hole. Thread wires to each electrode as per the note in item #4 above. Carefully and securely twist the glass electrode and transformer wires together (make sure you twist both electrode wires and transformer wires avoid simply twisting one wire around the other). Carefully slide on the new electrode boots supporting the glass with your other hand as you do. **It is very easy to break the glass when installing the new electrode boot, so take extra precaution**

6.Double check your connections, plug in the sign and test that it is working properly.

If you have any questions or encounter problems feel free to call our Customer Service Department at (814) 726-3221 between the hours of 8:00am 4:30pm Monday thru Friday (EST) and someone will be happy to assist you.

Quality Neon Displays

1078 S. Main St. Bldg. 2, Mt. Airy, NC 27030 Phone 888-526-8321 Fax 336-352-5479 CustomerService@JantecNeon.com