

Custom Neon Wall Art - Installation Guide



We would like to thank you for your Custom Wall Art purchase with us! We recommend that you have a qualified electrician install and wire this kit for you. This guide contains useful information necessary for the successful installation of your Wall Neon. Upon arrival, your Kit will include the following:

- Neon Glass Tubing
- Tube Supports
- Paper Wall Pattern
- Neon Power Supply(s)
- Pre-trimmed GTO Wire
- Rubber End Caps



Step 1 - Unpack Glass & Components

Your Neon Glass Tubing has been carefully packaged to avoid any damage in transit. Carefully inspect the entire length of neon tubing before beginning to ensure that there is no broken glass anywhere. If you find any broken glass inside the packaging, call our Customer Service Department immediately at 814-726-3221 and report the damage.

Your Neon Glass is secured to the inner packing box using plastic zip ties to eliminate breakage.

Carefully cut all of the zip ties and remove them before trying to remove the glass tubing from the box.



Step 2 - Prepare Glass & Pattern

A: Once glass has been removed from the packing box, carefully place all glass sections onto a large flat area, preferably a large table.

B: The Tube Supports have been pre-attached to the glass tubing in the optimal position for best support of the glass tubing once installed onto your wall. With the neon glass lying flat, rotate each tube support 90 degrees, making it perpendicular to the tube, so that it can be a “foot” for the neon glass to stand on when placed on top of the pattern.

BEFORE



AFTER



C: Spread out the Paper Pattern onto a flat surface and carefully place the glass tubing onto the pattern with the tube support “feet” resting on the pattern. Align the glass tubing with the neon design outline printed on the pattern.

D: With the glass tubing lined up with the paper pattern design, rotate the “foot” of each tube support to align the hole on the inside of the design, where it will be easy to reach when securing onto your wall with a screw. Once you have all of the tube support feet rotated, double check that the glass is aligned with the pattern, and then use a pen or sharpie to mark the holes for 2 of the tube supports on each section of glass (we recommend the top left, and top right support)

Align Glass with Pattern



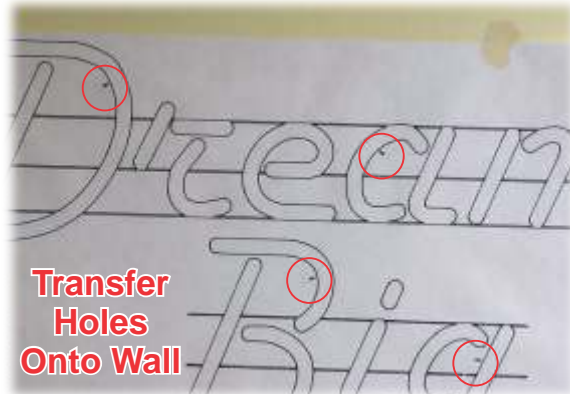
Mark a Few Foot Holes



Step 3 - Install Glass onto Wall

A: Tape your paper pattern onto the wall where you would like your wall art installed. We recommend using a level placed along the horizontal pattern lines to align the pattern correctly. Please take into consideration the location of an electrical outlet and the preferred mounting location of your power supply, as this may affect the desired location of your neon glass.

B: Using the marks that you made on the pattern in Step 2, either pre-drill, or start a screw at the marked hole locations for the first two tube supports for each neon piece to be attached to the wall. Once you have transferred all of your holes to the wall, remove the paper pattern and set it aside for use in step 4.



C: Have someone help you hold the sections of glass against the wall, and then line up the corresponding tube support feet with the holes marked onto the wall. Hold the base of the tube support against the wall securely, and install your screw through the tube support foot into the marked holes on the wall. Be careful not to allow the tube support to twist when tightening the screw. Double check your design alignment, and then secure the remaining tube supports to the wall.

Have someone help hold glass sections against the wall while securing each tube support with screws



Secure the base of each Tube Support with your fingers while installing screws into your wall

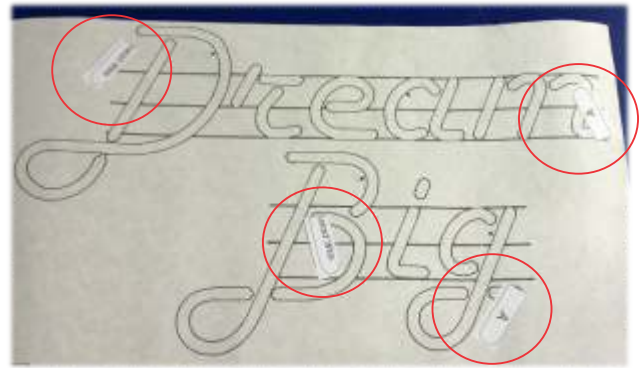


IMPORTANT - If there is a gap between the wall and the support foot, use a washer behind the foot to ensure that the glass is not bent or flexed during the install.



Step 4 - Electrical Wiring

A: Carefully examine the paper pattern that you used to install your glass tubing onto your wall. Each electrical connection will be labeled either with a letter (ex. A, B or C) or as “Lead Wire”



B: Connect each labeled, pre-cut GTO wire between the two glass electrodes using the paper pattern as a reference. With the stripped GTO wire positioned parallel to the electrode, carefully twist the two electrode wires together, but do not over tighten as the electrode may break. Bend the twisted wires down against the GTO wire and then carefully slide one of the rubber boots provided over the connection.

Align Wires



Twist wires together & fold them down



Cover with Boot



C: Once all GTO wire sections have been connected, install your power supply in the desired location on the wall, or in the ceiling. Some installations may require additional GTO wire, and inline splice connectors to connect a power supply that is mounted further away from the neon tubing.

D: Connect the two leads from the power supply to the electrodes marked “Lead Wire” on the pattern by twisting the wires together and using the supplied rubber boots to cover the connection.

E: Double check that all wiring connections have been made and ensure that rubber boots have been placed over the connections. Plug in your power supply and pull the chain. Note that the neon tubing may require a few minutes to fully brighten.

IMPORTANT -Make sure that the wire leads from the power supply, or any other GTO wires do not touch or cross paths as these operate at high voltage

Enjoy your Wall Art!

