

LED SIGN CABLE INSTALLATION INSTRUCTIONS



TO CAN: (LCL)

1. Make sure the metal around the hole in the letter backing is clean of paint or anything that would make for a bad electrical connection.
2. Push red & black wires and the threaded fitting through the hole in the letter back.
3. Thread locknut on to can fitting (1/2" knockout fitting) and tighten (finger tight + 1/4 turn).
4. Connect red led sign cable wire to the positive (+) wire (red or white with red stripe) of the led module system. Next connect the black wire to the negative (-) wire (black or white) wire of the led module system.



TO TRANSFORMER: (LTL)

1. Per NEC Code (300.15) push the red & black wires and the threaded end of the fitting into the knockout hole of a metal (2x4 or 4x4) splice box.
2. Thread locknut onto transformer fitting (1/2" knockout fitting) and tighten (finger tight + 1/4 turn).
3. Connect transformer or transformer leads to metal splice box following manufactures instructions or NEC requirements.
4. Inside of splice box, connect red led sign cable wire to the transformer (+) wire (red or white with red stripe). Next connect the black led sign cable wire to the transformer negative (-) wire (black or white).
5. Put lid on box and close.
6. Connect a 16 AWG ground wire to metal splice box and connect other end of wire to the primary ground wire.



SYSTEM: (LJL)

1. Connect the transformer lead (green with red stripe) to first letter lead (green with red stripe) using the attached tri splice (finger tighten only). Do the same for the green with black strip wires.
2. Using the letter to letter jumps (LJL), connect the first letter to the second again making sure the red striped wire is connected to the red striped wire and the same for the black striped wires. Continue this until all letters are connected.
3. Make sure all splice connections are finger tight + 1/8th turn.
4. Make sure all wiring is red to red or black to black.
5. Last splice connection: seal unused connection with silicone.

COMPLETE:

Your sign is now ready to be turned on.

