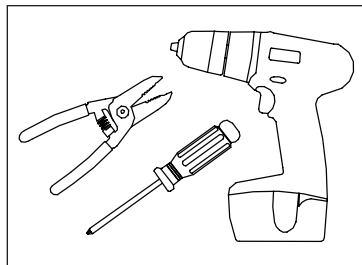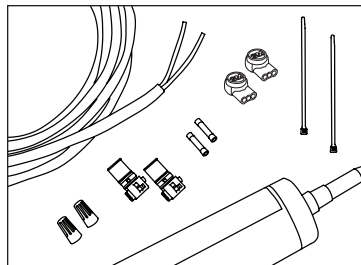# Quantum 12/150 Power Supply
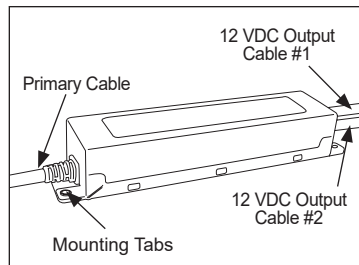
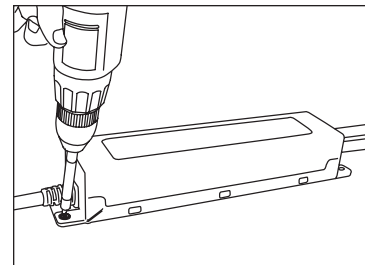Installation Guide for PN 701507-150EB1
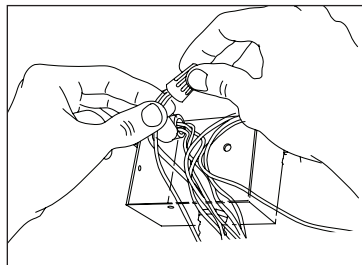

1. **Tools required:** Wire strippers, drill, and screwdriver.

2. **Supplies required:** Electrical enclosure for power supply, M4 pan head screws, PLTC cable, silicone, 3M™ Scotchlok™ connectors.

Primary Cable
12 VDC Output Cable #1
12 VDC Output Cable #2
Mounting Tabs

3. **Power Supply:** Identify primary cable, 12 VDC output cables #1 and #2, and location of mounting tabs.

4. **Mount Power Supplies:** Use mounting tab in corner to secure power supply.

NOTE: Ensure adequate ventilation. Power supply operating ambient temperature is -40° to 60° C. Power supply may be mounted in an enclosure (i.e., transformer can/raceway). Power supply spacing to thermoplastic, wood, fiber, or other combustible type enclosure materials shall be 25 mm. Two or more adjacent power supplies shall not be mounted closer than 25 mm end to end or 102 mm side to side. Ensure power supplies are not overloaded by verifying output current is less than 6.25 DC Amps (each output). It is recommended to use photocells or light sensors to prolong life of power supply and to keep unit at maximum operating efficiency.

5. **Connect Primary:**
   CAUTION: Have a licensed electrician connect primary.

Quantum 12/150 Power Supply

Installation Guide for PN 701507-150EB1

TROUBLESHOOTING
If sign is not functioning properly, check the following:

- Primary voltage is between 200-240 VAC
- Each secondary voltage is 12 VDC
- Each output current is 6.25 Amps or less
- Power supply is not overloaded (see power supply capacity chart in product installation guide or SloanLED.com)
- There are no shorts in secondary wiring
- All secondary connections are RED-TO-RED and BLACK-TO-BLACK

SloanLED products carry a limited warranty.
For complete details refer to the warranty policy found at SloanLED.com

CE IP68₅ₘ RoHS Compliant

Some or all of the products shown are covered by U.S. and foreign patents pending and covered by one of more of the following U.S. patents issued: 6776504, 6969179, 7192157, 6932495, 7241031

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