

# LED TRAFFIC LIGHT AND MOUNTING KITS

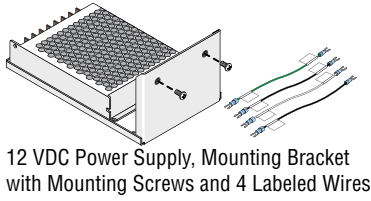
**1603-221**  
6 Ft Cable/No Post

**1603-222**  
6 Ft Cable/35" Post

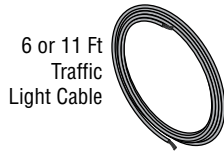
**1603-223**  
11 Ft Cable/95" Post

These kits are designed for the 1600 model barrier gate operators. **Highly recommended** for the 1603 auto-spikes, 1620 lane barrier and the 1625 wedge barrier systems. The traffic signal is synchronized with the gate operator's up/down cycle. The red LED light stays on and **only** changes to the green LED when the operator's arm is **FULLY** raised.

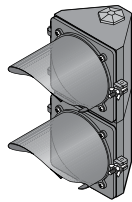
## Kits Include:



12 VDC Power Supply, Mounting Bracket with Mounting Screws and 4 Labeled Wires



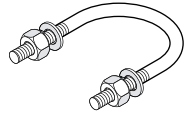
6 or 11 Ft Traffic Light Cable



Traffic Light Assembly

## Support Post Hardware:

Kit P/Ns 1603-222 & 1603-223 **ONLY**



U-Bolt Clamp with lockwashers and nuts (2 sets)



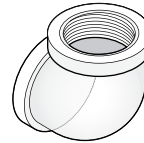
3/4" Conduit Nipple and Conduit Nut



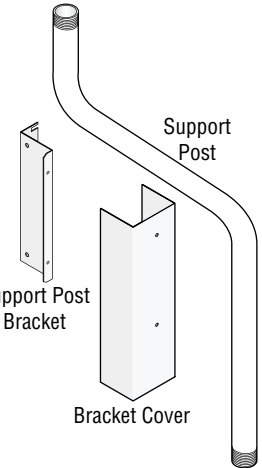
5/8" Cover Bracket bolt and lockwasher (2 sets)



2" Conduit Nut x 3



2" Threaded Elbow



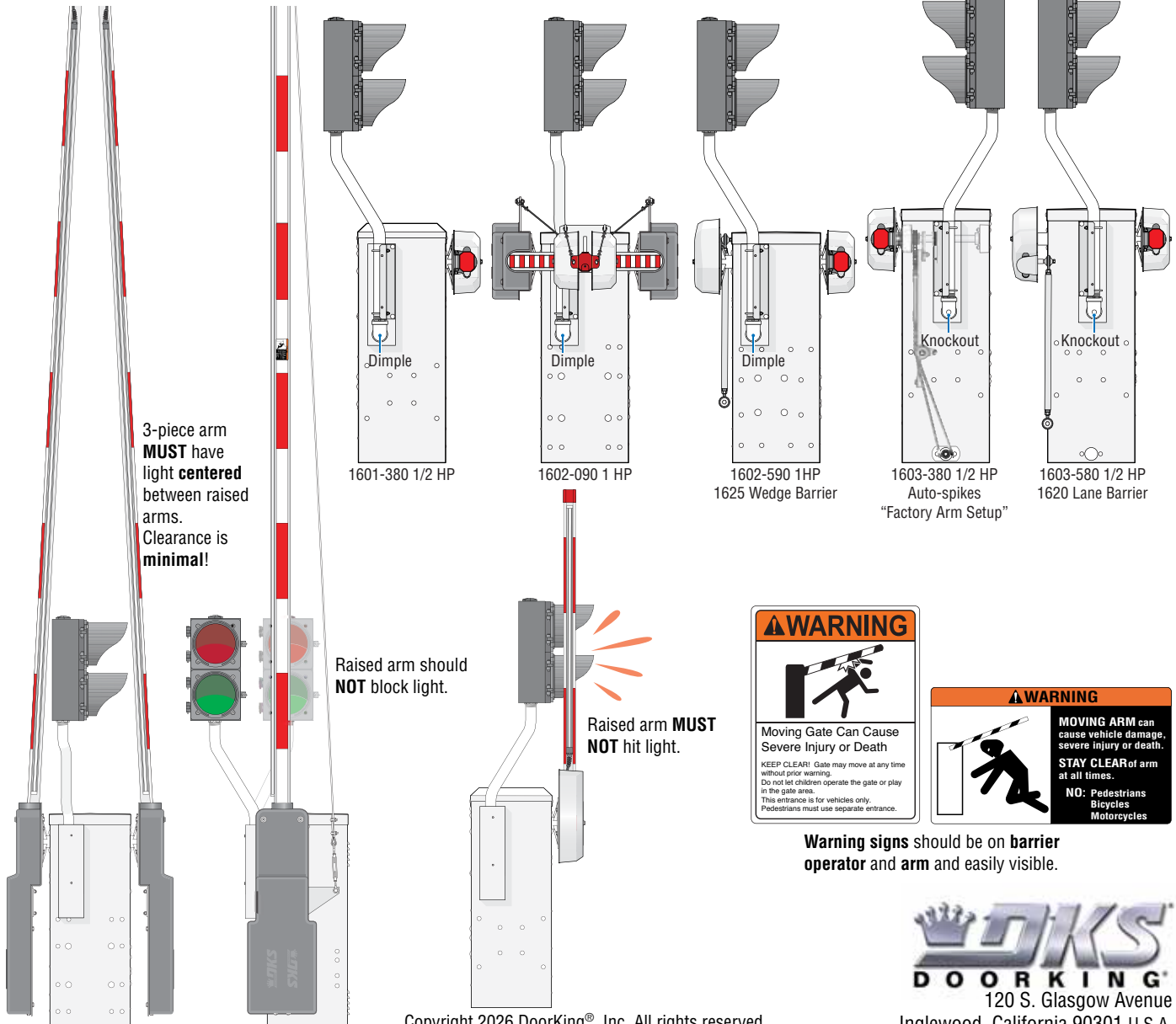
Support Post

Support Post Bracket

Bracket Cover

## DOs and DON'Ts

## Different Model Installations



3-piece arm **MUST** have light **centered** between raised arms. Clearance is **minimal!**

Raised arm should **NOT** block light.

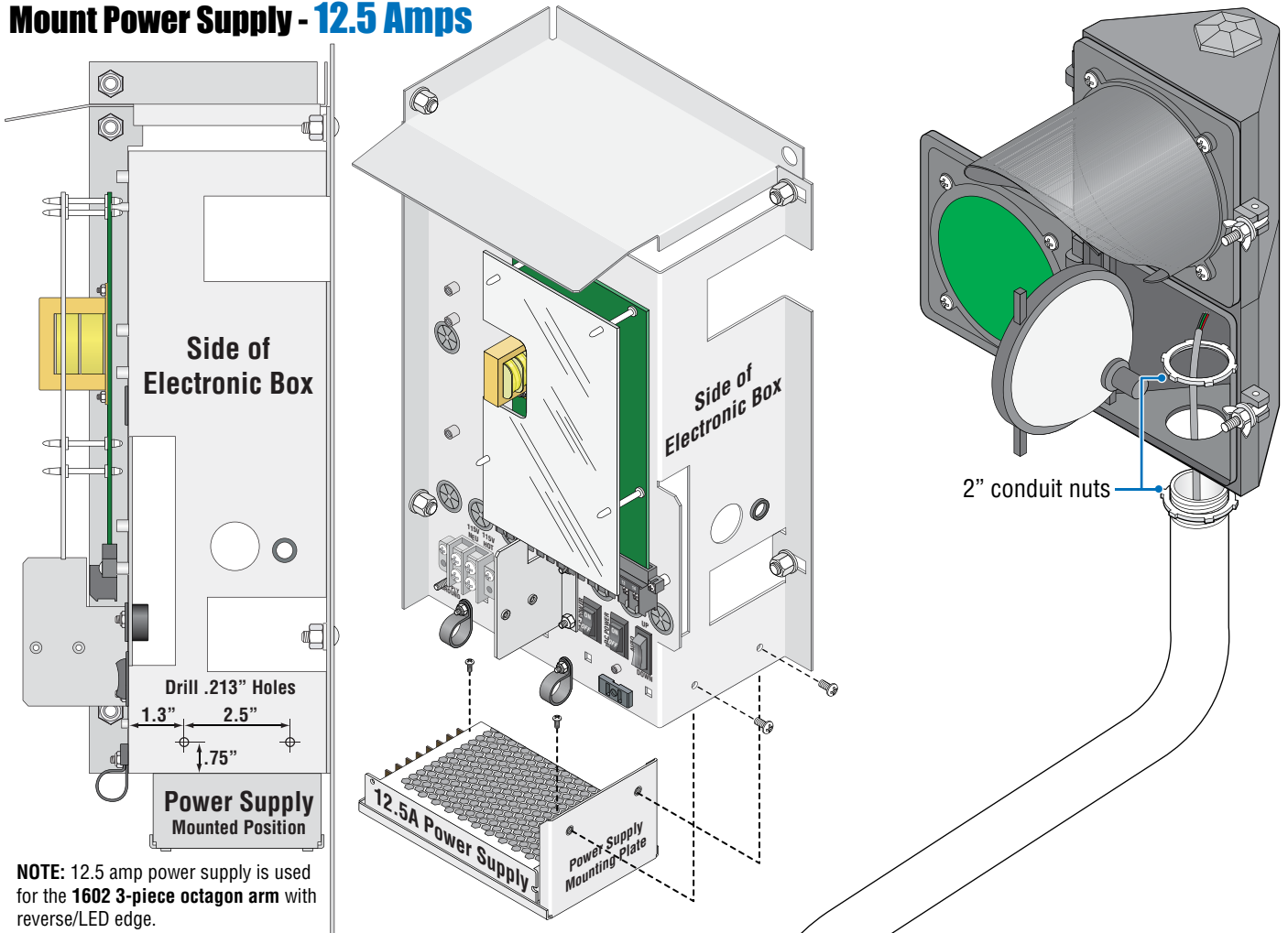
Raised arm **MUST NOT** hit light.



Warning signs should be on barrier operator and arm and easily visible.



## Mount Power Supply - 12.5 Amps



**IMPORTANT:** Power supply **MUST** be wired **BEFORE** mounting it on the operator as shown. Terminals are only accessible when power supply is **NOT** mounted. See page 4.

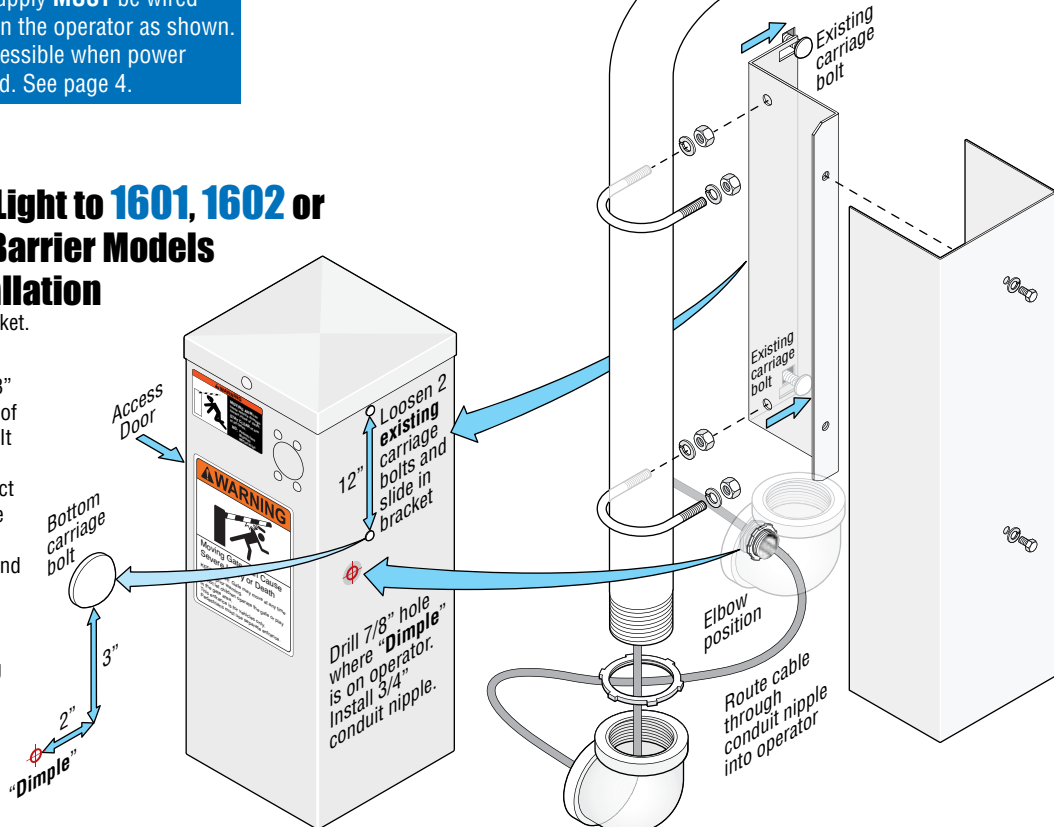
## Mount Traffic Light to 1601, 1602 or 1625 Wedge Barrier Models

### "Dimple" Installation

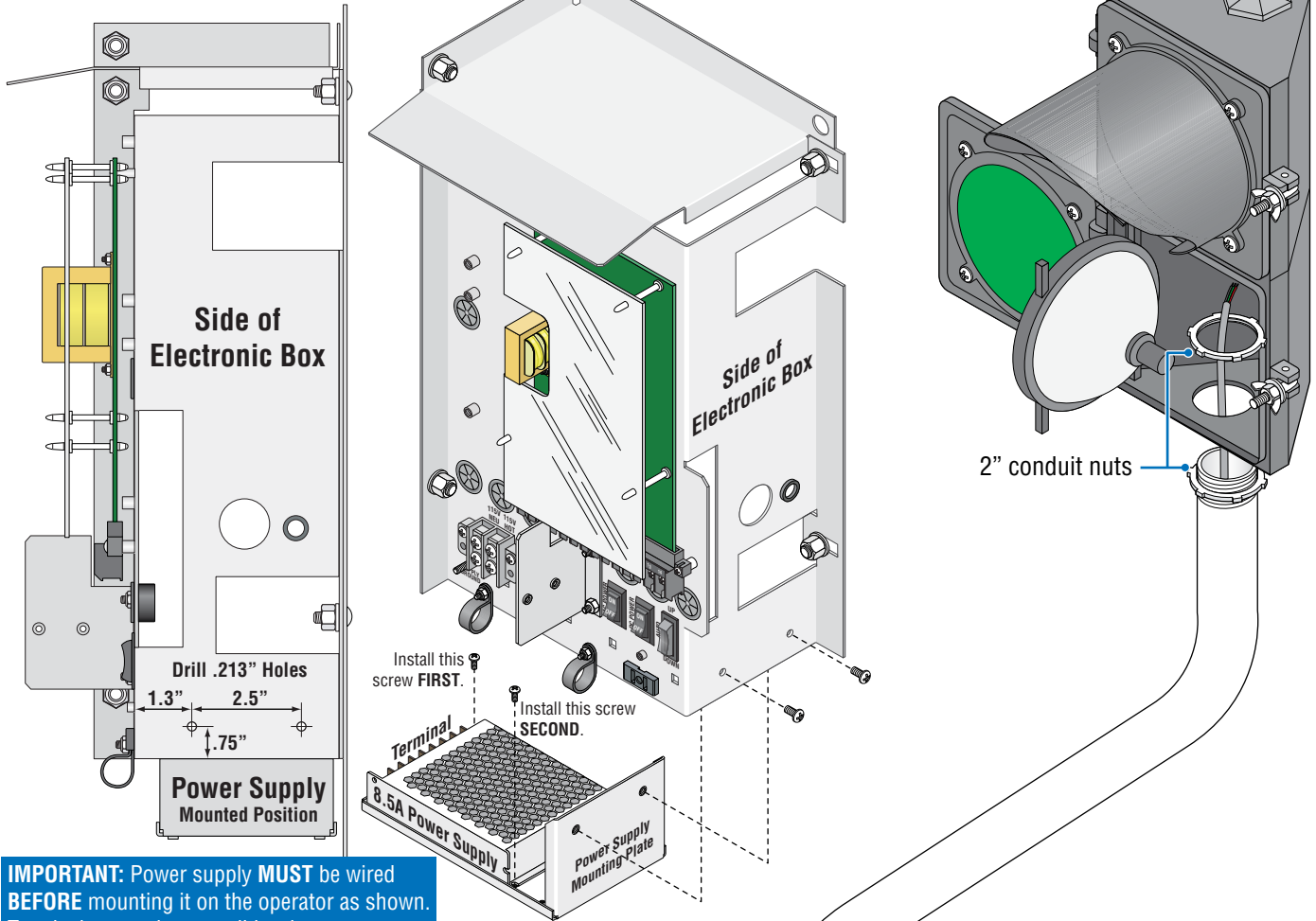
Post on **LEFT** side of bracket.

The "Dimple" is located 3" down and 2" to the **LEFT** of the bottom carriage bolt. It allows the 7/8" drill bit to start the hole in the correct position. Elbow should be **centered** on hole after inserting conduit nipple and running cable through it.

**TIP:** Make sure all metal shavings from the drilling don't get into **ANY** of the electronic components which could cause the operator to malfunction.



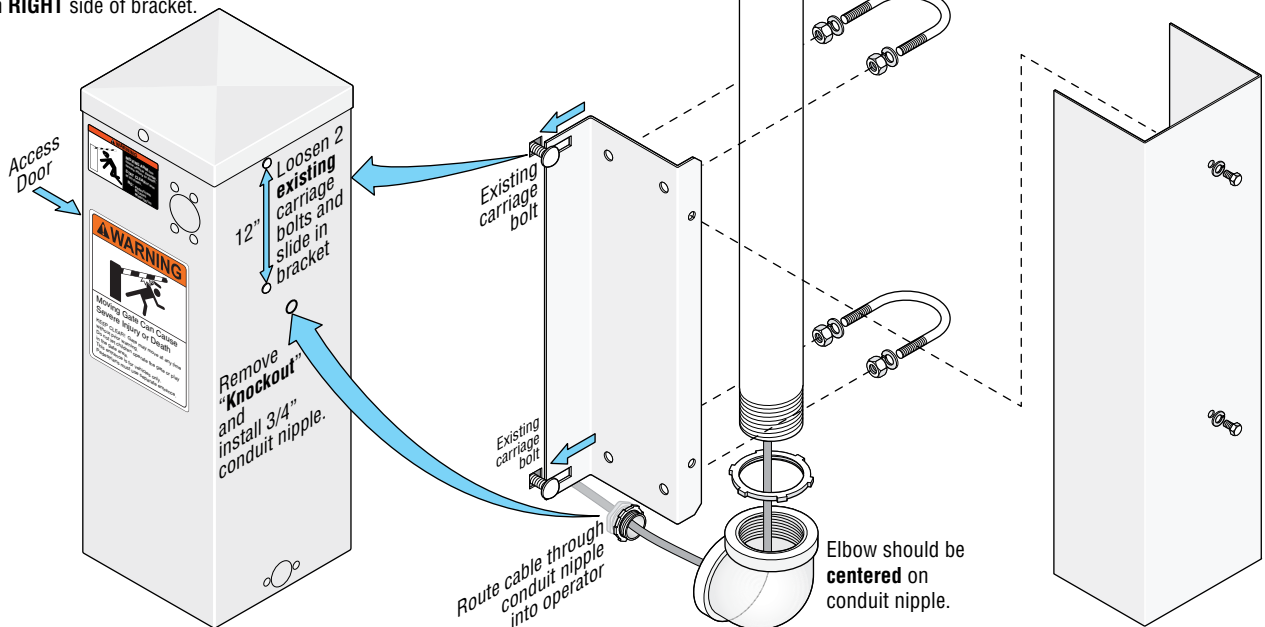
## Mount Power Supply - 8.5 Amps



**IMPORTANT:** Power supply **MUST** be wired **BEFORE** mounting it on the operator as shown. Terminals are only accessible when power supply is **NOT** mounted. See next page wiring.

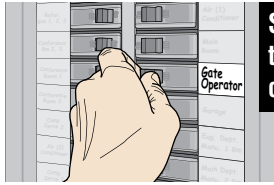
## Mount Traffic Light to 1603 or 1620 Lane Barrier Models "Knockout" Installation

Post on **RIGHT** side of bracket.



# Wire LED Traffic Light to Operator

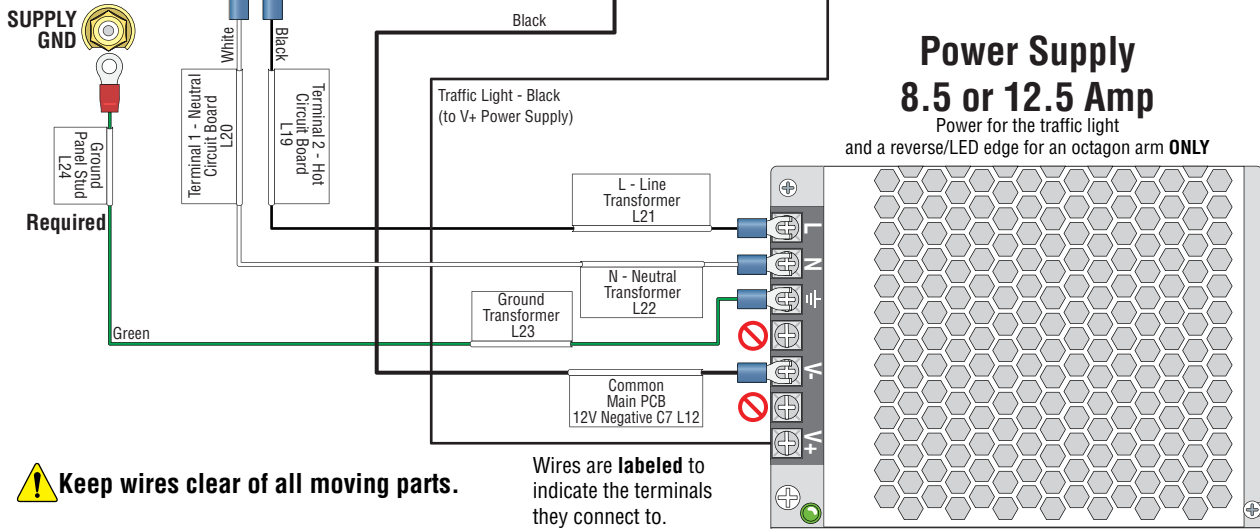
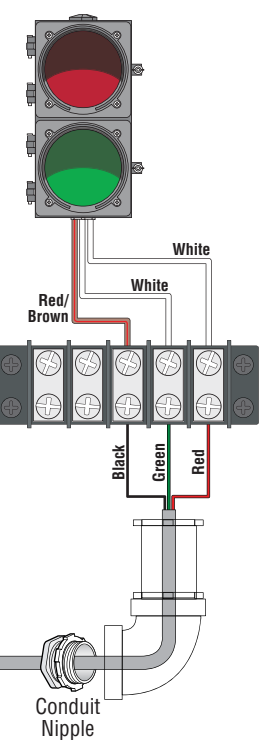
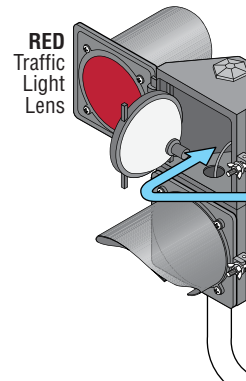
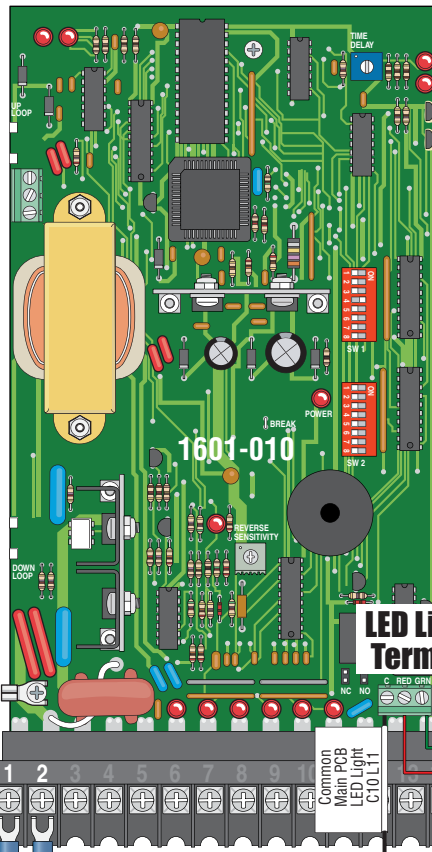
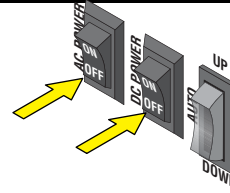
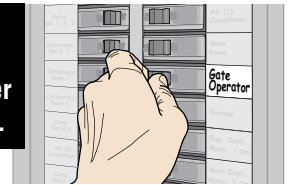
## SHUT-OFF POWER for AC Models!



**SHUT OFF** the AC input power to the operator from the circuit breaker.

## SHUT-OFF POWER for AC/DC Models!

**FIRST** . . . SHUT OFF AC and DC power switches on the operator,  
**THEN** . . . SHUT OFF the AC input power to the operator from the circuit breaker.



**⚠ Keep wires clear of all moving parts.**

Wires are labeled to indicate the terminals they connect to.