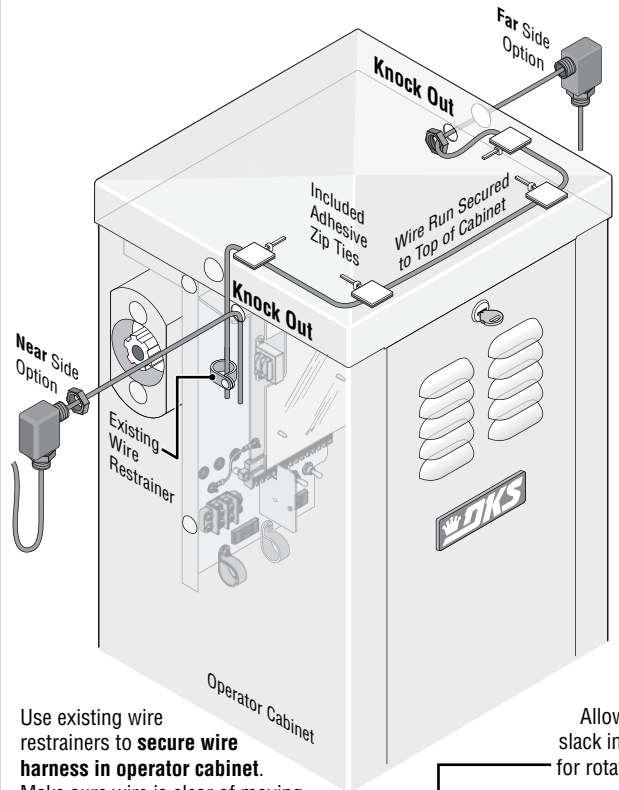


LIGHTED ALUMINUM ARM INSTALLATION KIT

This kit is designed for use on a 1601 or 1603 barrier gate operators. Not for use on a 1602 operator. This kit provides a wire harness to install an aluminum arm **WITH** LED lights, aluminum arm with LEDs sold separately (P/N 1601-518).

Kit Includes: Wire Harness, Power Transformer, Zip Ties, Adhesive Zip Ties.

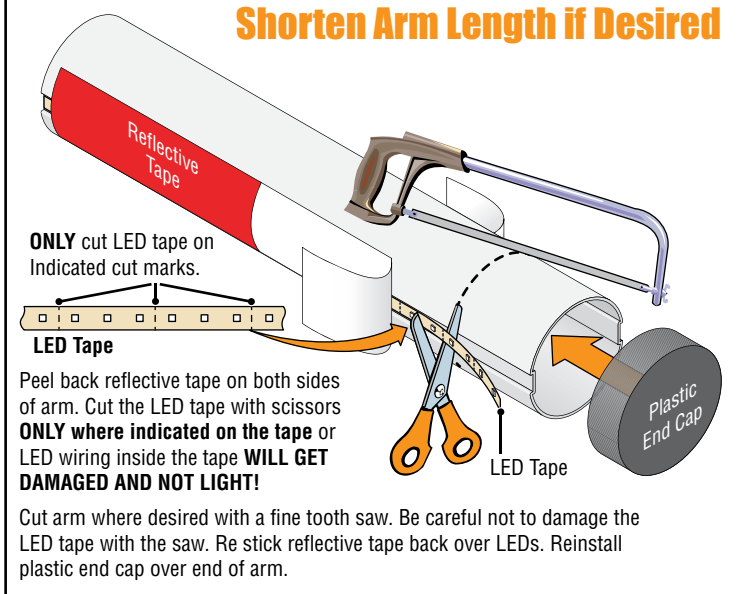
Wire Run Options in Operator Cabinet



Use existing wire restrainers to **secure wire harness in operator cabinet**. Make sure wire is clear of moving parts.

Note for Older 1601/1603 Operators: A 5/8" hole will have to be drilled in the operator cabinet approximately where Knock-Out is shown. Make sure 5/8" hole is clear of all internal components.

Shorten Arm Length if Desired



ONLY cut LED tape on Indicated cut marks.

Peel back reflective tape on both sides of arm. Cut the LED tape with scissors **ONLY where indicated on the tape** or LED wiring inside the tape **WILL GET DAMAGED AND NOT LIGHT!**

Cut arm where desired with a fine tooth saw. Be careful not to damage the LED tape with the saw. Re stick reflective tape back over LEDs. Reinstall plastic end cap over end of arm.

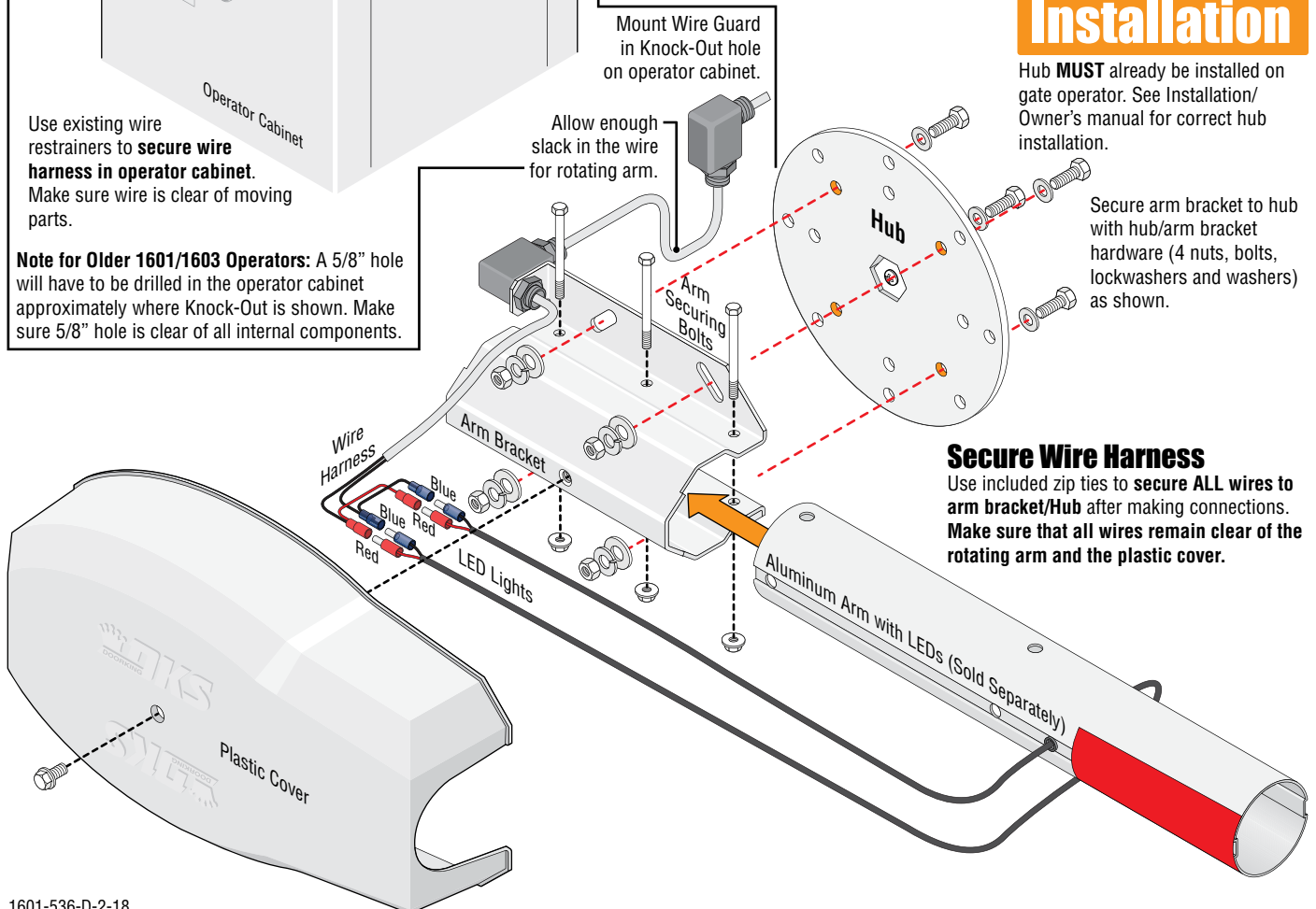
Installation

Hub **MUST** already be installed on gate operator. See Installation/ Owner's manual for correct hub installation.

Secure arm bracket to hub with hub/arm bracket hardware (4 nuts, bolts, lockwashers and washers) as shown.

Secure Wire Harness

Use included zip ties to **secure ALL wires to arm bracket/Hub** after making connections. **Make sure that all wires remain clear of the rotating arm and the plastic cover.**



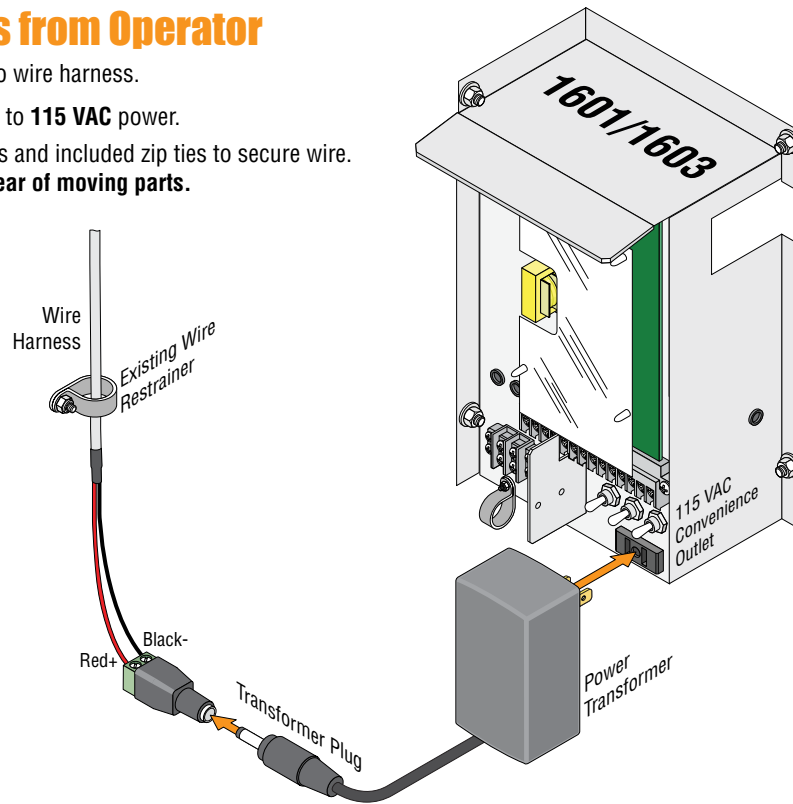
Power Arm LEDs from Operator

Plug power transformer into wire harness.

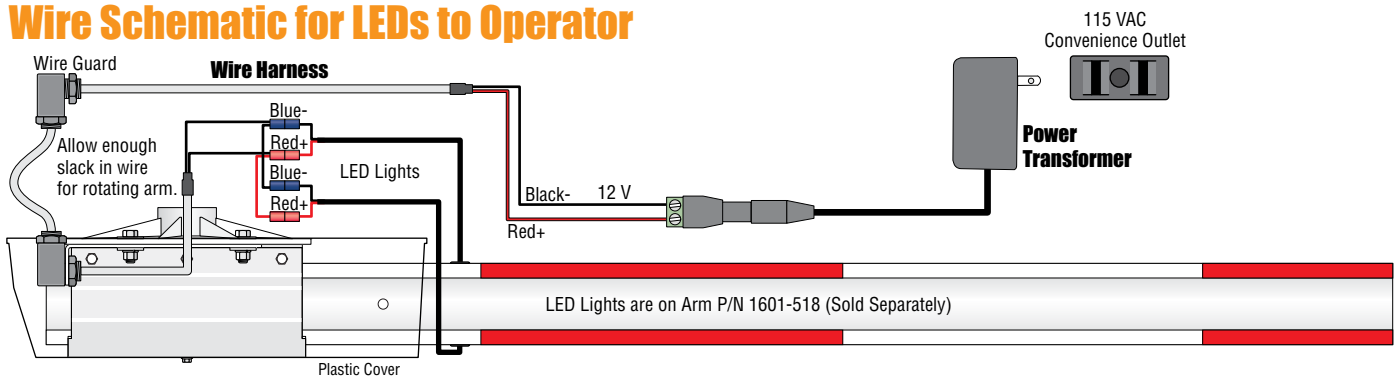
Connect power transformer to **115 VAC** power.

Use existing wire restrainers and included zip ties to secure wire.

Make sure all wires are clear of moving parts.

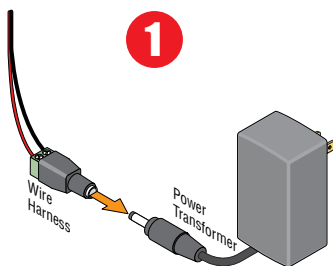


Wire Schematic for LEDs to Operator

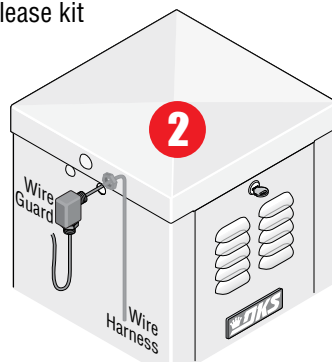


Manual Release when **NO** "convenience open" or "manual release kit" are used

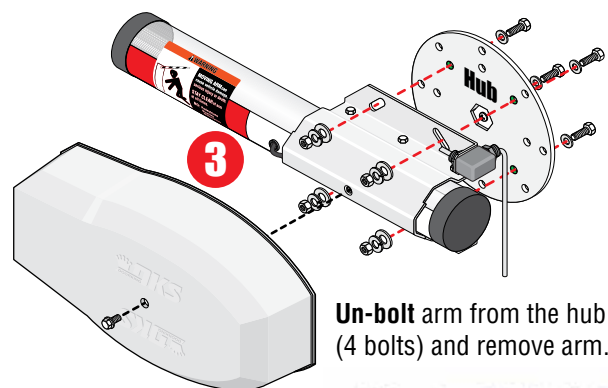
To manually release an aluminum arm when **NO** convenience open or manual release kit are being used:



Un-plug power transformer from wire harness.



Un-screw wire guard and remove wire harness from operator.



Un-bolt arm from the hub (4 bolts) and remove arm.