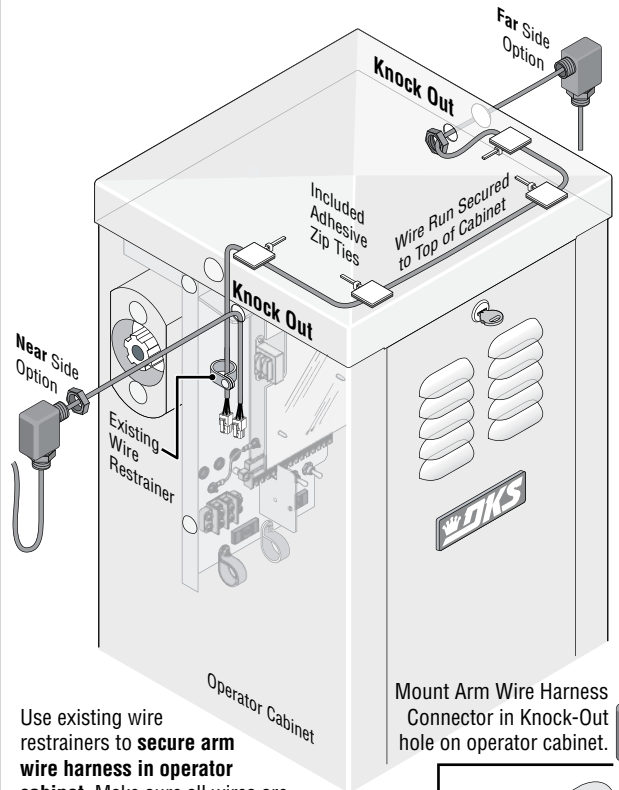


LIGHTED ALUMINUM ARM INSTALLATION KIT

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 bracket and wire harness assembly to install an aluminum arm WITH LED lights, aluminum arm with LEDs sold separately (P/N 1602-520).

Kit Includes: Arm Bracket with 3 arm securing bolts/nuts, Hub/Arm Bracket Hardware, Arm Wire Harness, Power Wire Harness, Plastic Cover, Power Transformer, 2 Wire Nuts, Zip Ties, Adhesive Zip Ties.

Wire Run Options in Operator Cabinet

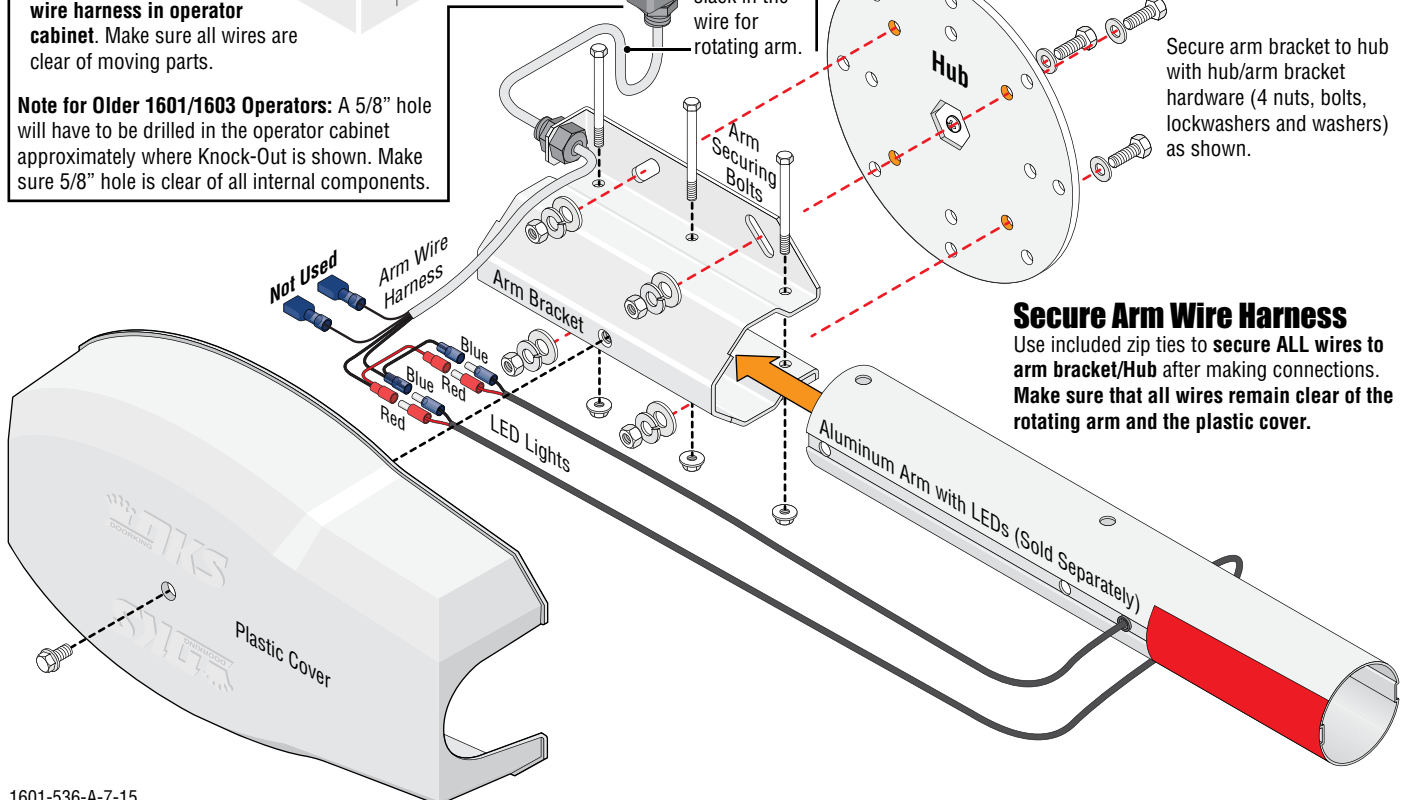


Use existing wire restrainers to **secure arm wire harness in operator cabinet**. Make sure all wires are clear of moving parts.

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.

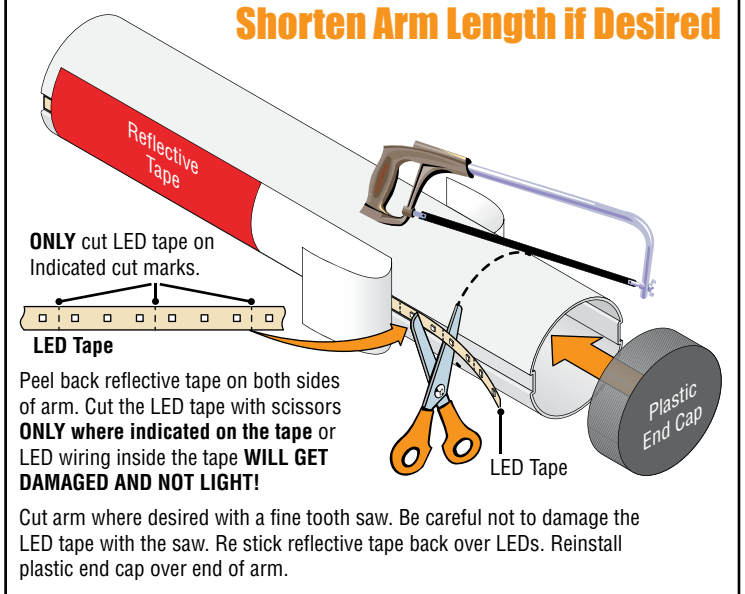
Mount Arm Wire Harness Connector in Knock-Out hole on operator cabinet.

Allow enough slack in the wire for rotating arm.



Secure Arm 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.**

Shorten Arm Length if Desired



ONLY cut LED tape on Indicated cut marks.

LED Tape
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.

Wiring to Operator

DoorKing Part Number

1601-531

Plug power wire harness into arm wire harness.

Power Wire Harness:

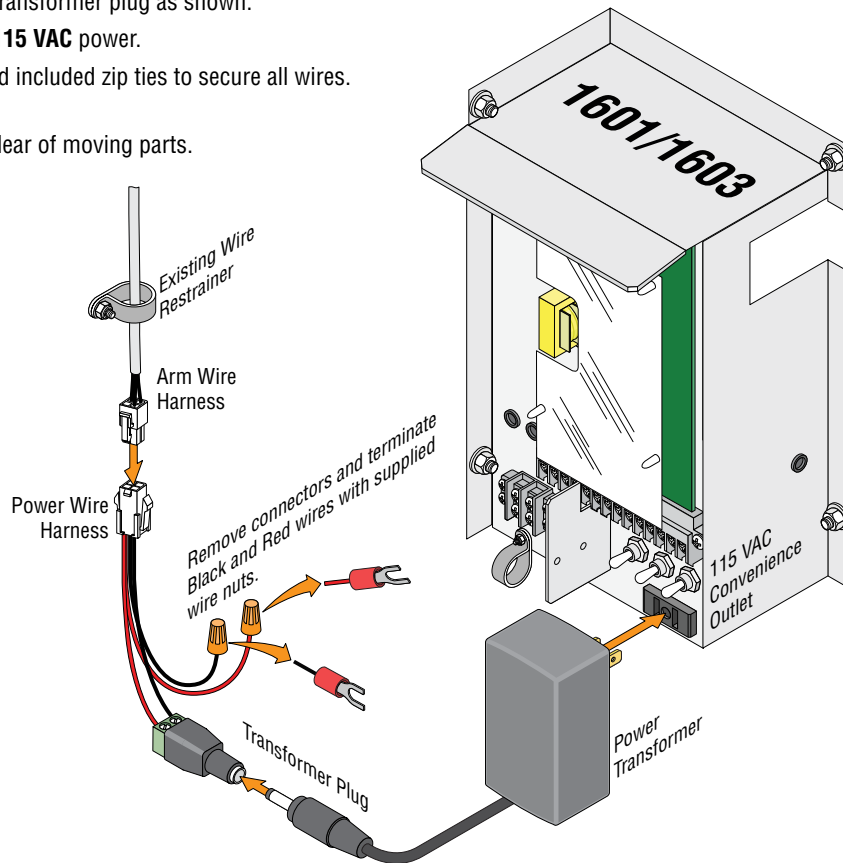
Remove connectors from black and red wires. Terminate wires using supplied wire nuts.

Connect power transformer to transformer plug as shown.

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

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

Make sure all wires are clear of moving parts.



Wiring Schematic for LEDs to Operator

