#### DoorKing Part Number 1601 BREAK-AWAY ALUMINUM ARM INSTALLATION KIT 1601-285

This kit is designed **ONLY** for a 1601-080 barrier gate operator. **IT CANNOT BE USED** with a 1601-081 operator with Convenience Open, 1602 or 1603 Operators. The kit provides a break-away bracket assembly for an aluminum arm ONLY. If the arm is struck and breaks away (pivots in ONE DIRECTION ONLY, see below), gate operator will automatically shut down. The arm simply snaps back into the release rollers to function normally again.

Kit Includes: Arm Pivot Bracket Assembly, Arm Sleeve, Arm Wire Harness, Relay/Power Wire Harness, Relay Mounting Plate Assembly, Arm Pivot Bolt and Arm Securing Bolt Hardware, Power Transformer, Zip Ties, Adhesive Zip Ties, Plastic Cover

### **Optional Arms Available (sold separately):**

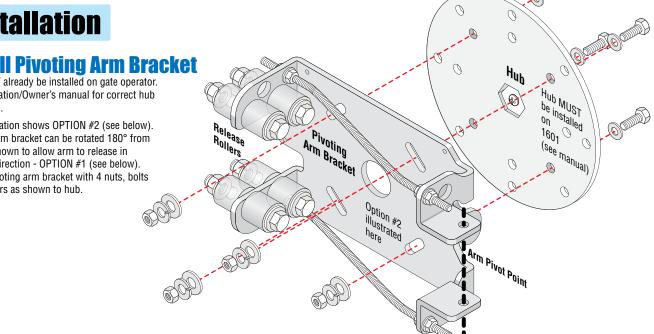
Aluminum Arm with LEDs P/N 1601-520, Aluminum Arm without LEDs P/N 1601-522

# Installation

### Install Pivoting Arm Bracket

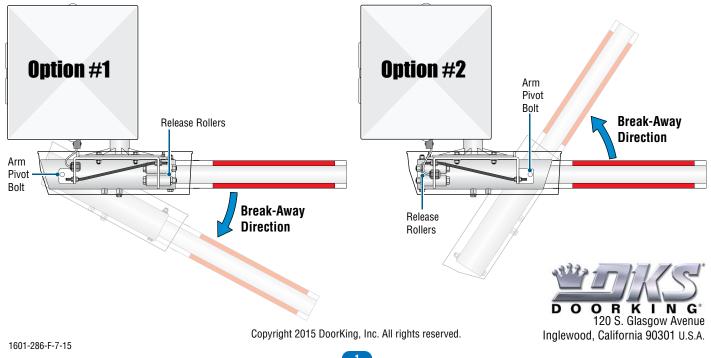
Hub MUST already be installed on gate operator. See Installation/Owner's manual for correct hub installation.

This illustration shows OPTION #2 (see below). Pivoting arm bracket can be rotated 180° from position shown to allow arm to release in opposite direction - OPTION #1 (see below). Secure pivoting arm bracket with 4 nuts, bolts and washers as shown to hub.



## **Arm Break-Away Direction Options**

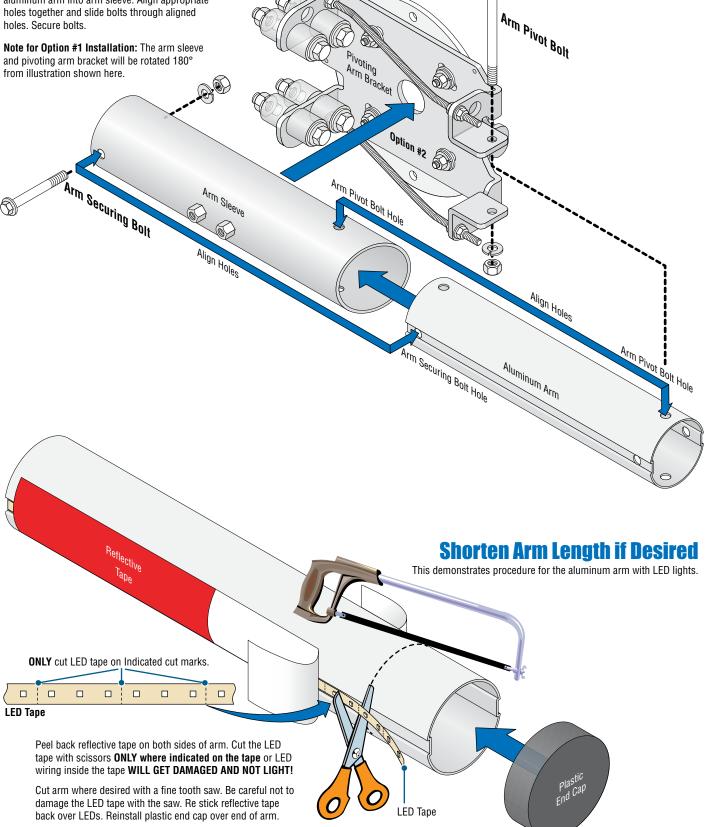
Arm will only pivot in ONE DIRECTION depending on which way the pivoting arm bracket is installed. Choose the desired break-away direction and install pivoting arm bracket accordingly (note position of release rollers and arm pivot bolt).



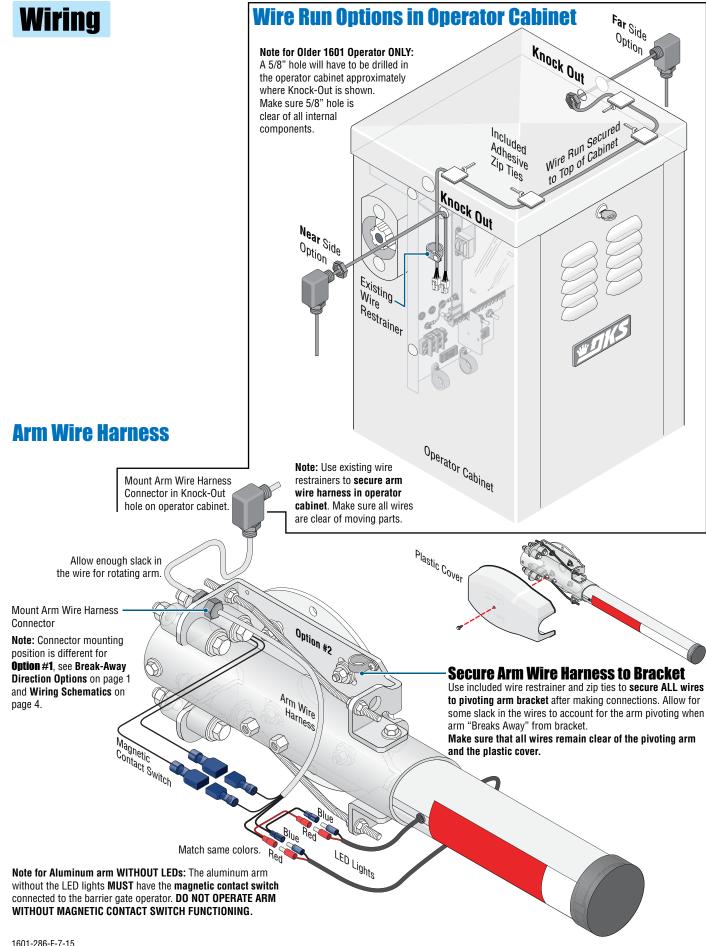
# **Installation Continued**

## **Attach Arm**

Snap arm sleeve into release rollers on pivoting arm bracket (Option #2 shown here). Slide aluminum arm into arm sleeve. Align appropriate holes together and slide bolts through aligned holes. Secure bolts.



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3

