ALUMINUM ARM FOLDING KITS

This kit is designed ONLY for the 1601 and 1603 model barrier gate operators with or without LEDs. Recommended for low headroom applications.

Installation

Elbow Cable Assembly

- Eye Bolt
- Cable Eyelet
- Cable Clamps
- Cable
- U-Bolt
- End of Cable

IMPORTANT: Cable MUST be clamped as shown.

Inner Arm

- LED Wire for Inner Arm to Wire Harness (for LED model)
- 7 1/2 ft Flex Cable through elbow assembly to outer arm. (for LED model)
- Male Connectors

Outer Arm

- LED Wire for Outer Arm (for LED model)
- Blue to Blue
- Red to Red (for LED model)
- Self-Tapping Screws Through Pre-Drilled Holes in Arm

Wire Run Options

- 7 1/2 ft Flex Cable Through inner arm to Wire Harness (for LED model)
- Female Connectors on Flex Cable
- Male Connectors
- Wire Harness for Inner Arm (for LED model)

IMPORTANT:

- OUTER LED ARM has LED wire exiting from the SAME end as the self-tapping pre-drilled screw holes.

- Wire Harness LED Note: There needs to be slack in the wire harness for rotating arm on LED model.

Arm Connection to Operator

- Arm Bracket
- Plastic End Cap

Note: Arm bracket, hub and cover NOT included.
Layout

DoorKing Part Numbers:
1601-610  Folding Arms
1601-600  Folding LED Arms

Shortening LED Arms Note: If arms MUST be shortened, DO NOT cut through the LEDs. Only cut arms so the LEDs WILL NOT get damaged.

Adjust cable with eyebolt and cable clamps to level outer arm in DOWN position ONLY.
IMPORTANT: DO NOT adjust cable too tight or it will bind when operating.

Wire Harness LED Note: There needs to be slack in the wire harness for rotating arm on LED model.

Power Arm LEDs from Operator (for LED model)

Plug power transformer into wire harness.
Connect supplied power transformer to 115 VAC power.
Use existing wire restrainers to secure wire. Make sure all wires are clear of moving parts.