

DoorKing Part Numbers:

**1601-812**

2-ft Folding Octagon Arms

**1601-242**

Standard Mount Hardware Kit

**8080-922**

2-Reverse Edge & LEDs Kit

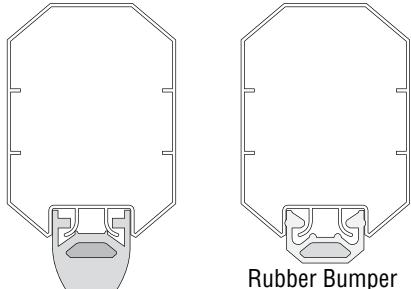
**8080-089**

Rubber Bumper

# OCTAGON FOLDING ARM INSTALLATION

This arm is designed **ONLY** for the 1601 and 1603 model barrier gate operators **with or without Reverse Edge & LEDs**. Recommended for low headroom applications.

## General Layout



Reverse Edge & LEDs

Tip: Liquid soap will help edges slide on easier.

## LED Arm Raised - Green Lights

Choose: Reverse Edge & LEDs **OR** Rubber Bumper **OR** Nothing

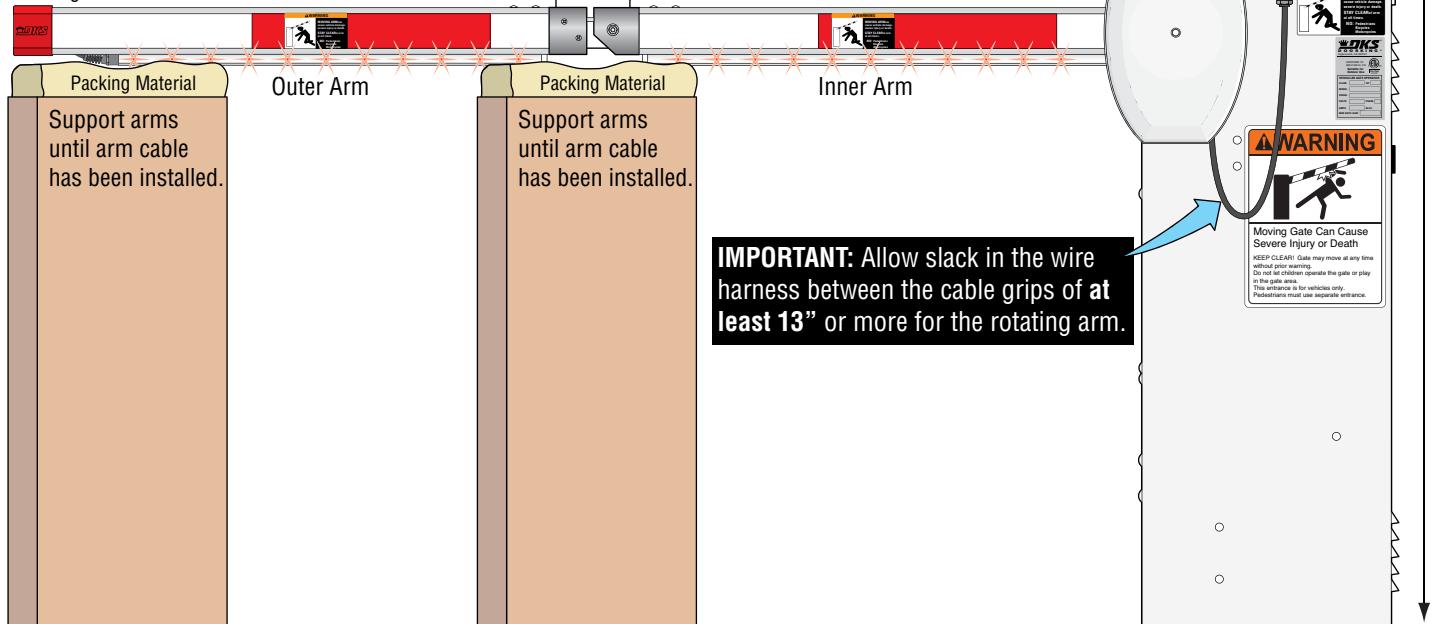
**IMPORTANT:** Reversing edge **CANNOT** be shortened.

**1601:  
109"**

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

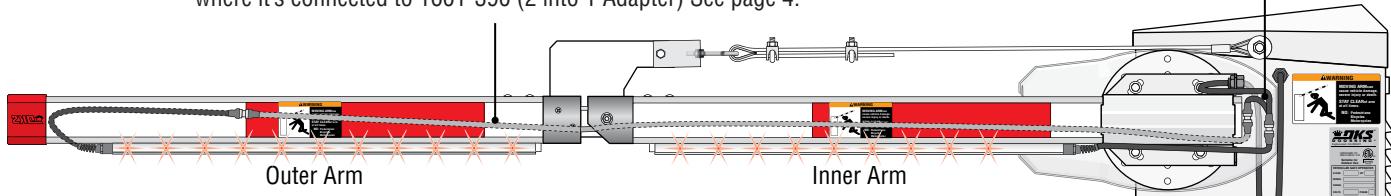
## LED Arm Lowered - Red Lights

Drawings not to scale



**1601-391 (17ft Long Adapter)** runs **inside** arms and thru elbow to end of arm where it's connected to 1601-390 (2 into 1 Adapter) See page 4.

**1601-390 (2 into 1 Adapter)**



## Adapters for Reverse Edges ONLY

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# Installation Guidelines

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2-6ft Folding Octagon Arms

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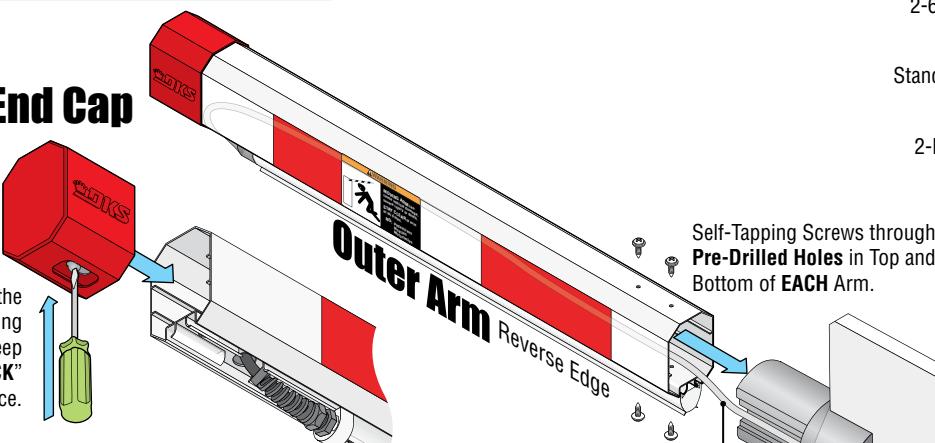
2-Reverse Edge & LEDs Kit

**8080-089**

Rubber Bumper

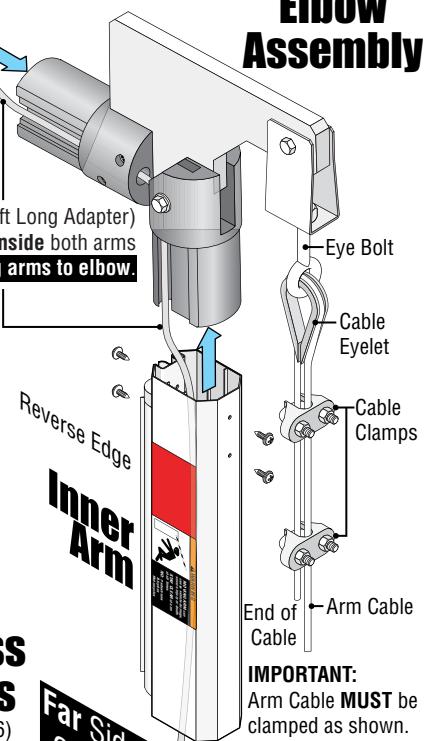
## End Cap

Push a screwdriver through the hole in cap to release spring **while** pushing cap on. Keep pushing cap on until a "CLICK" is heard which locks it in place.

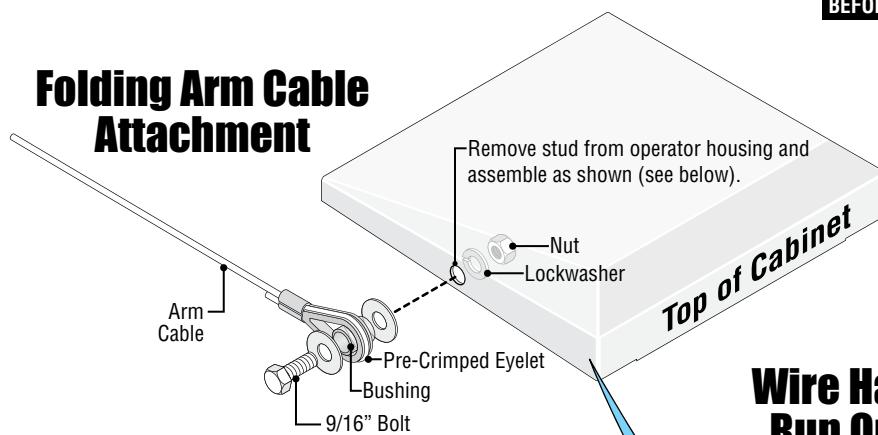


## Elbow Assembly

**IMPORTANT:** Place 1601-391 (17ft Long Adapter) thru elbow and **inside** both arms **BEFORE** securing arms to elbow.



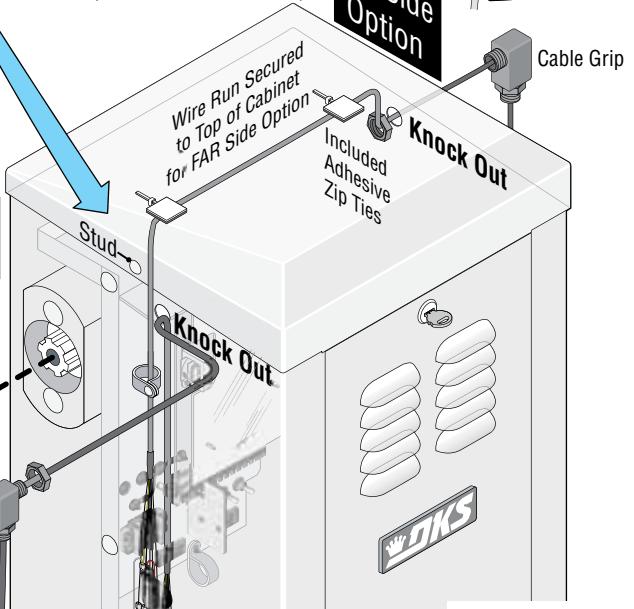
## Folding Arm Cable Attachment



## Wire Harness Run Options

(Wire Harness 8080-356)

### Far Side Option



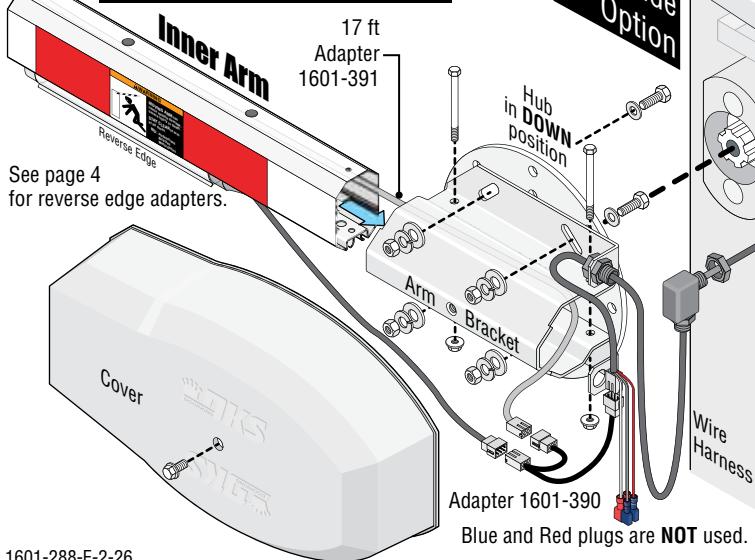
## Arm Connection to Operator

Choose which side of the operator the arm is mounted on, remove knock-out and run wire harness accordingly as shown.

Test hub **UP** and **DOWN** position before installing arm bracket.

### Near Side Option

See page 4 for reverse edge adapters.



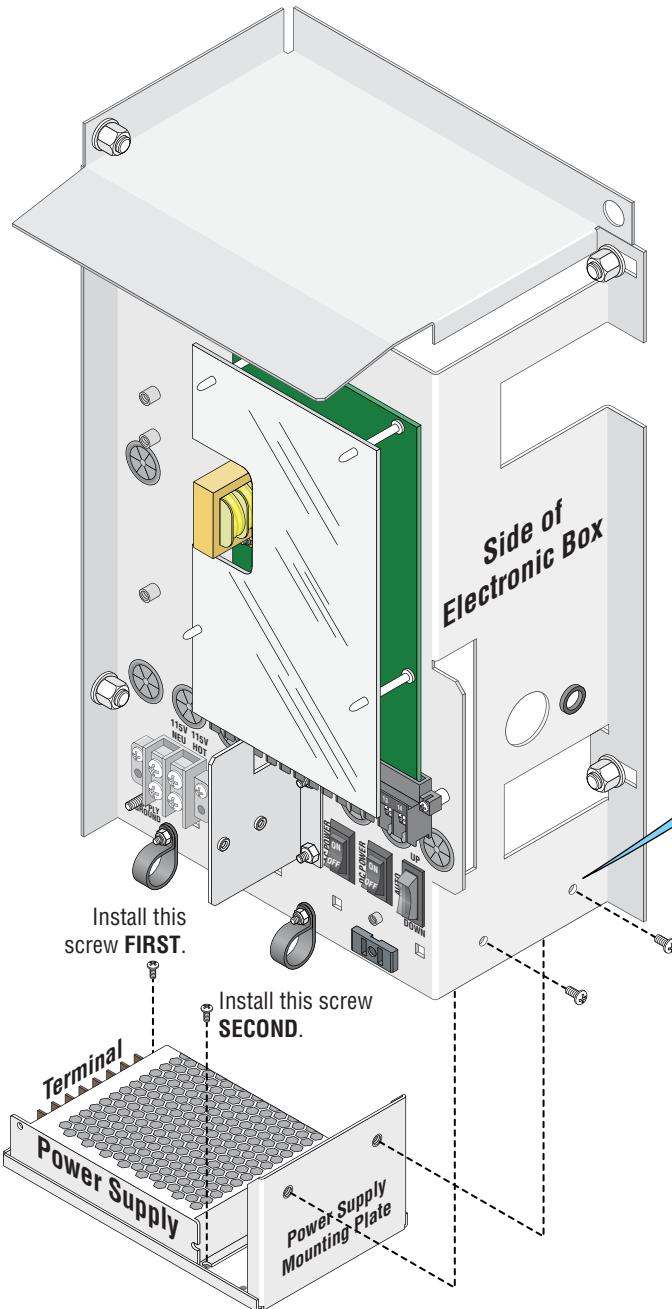
**Note:** Hub **MUST** already be installed on gate operator. See 1601 Installation/Owner's manual for correct hub installation.

# Mount Power Supply

DoorKing Part Number:

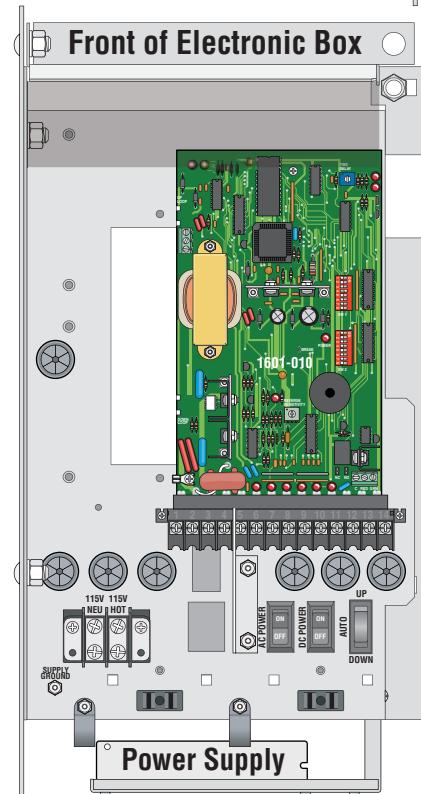
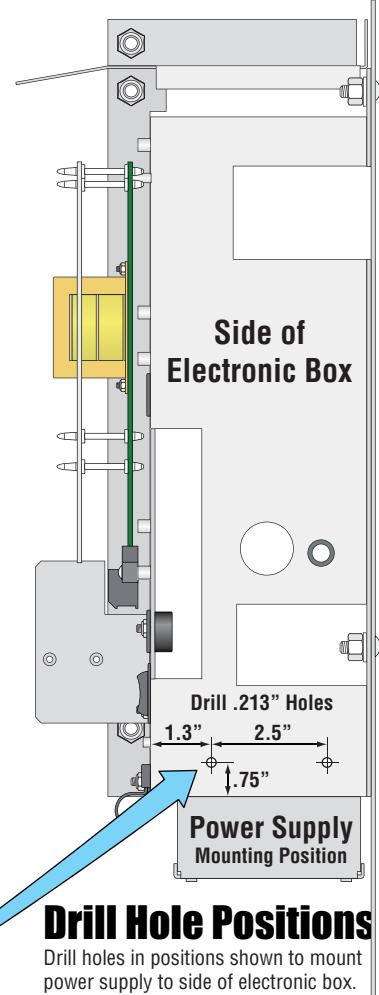
**8080-922**

2-Reverse Edge & LEDs Kit



## Mount Power Supply

**IMPORTANT:** Power supply **MUST** be wired **BEFORE** mounting it as shown. See page 5.



# Reverse Edge Folding Arm Connection

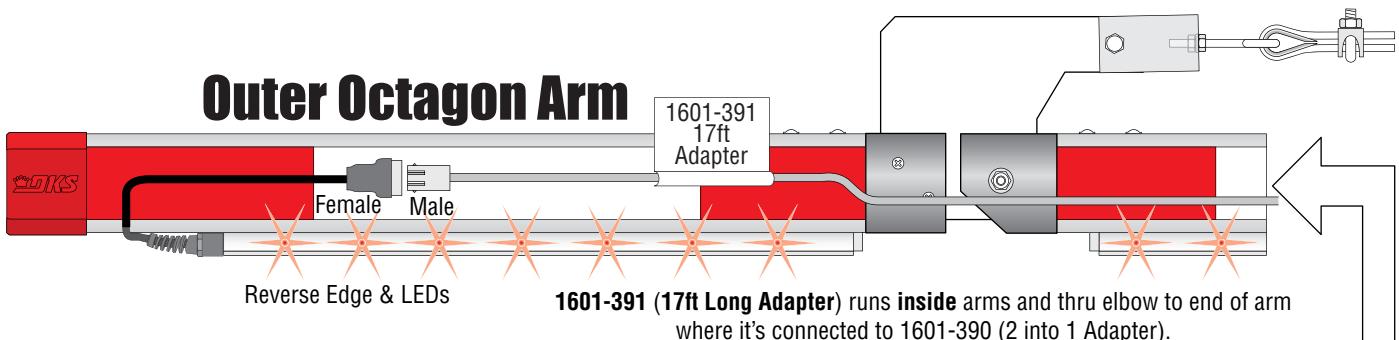
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2-Reverse Edge & LEDs Kit

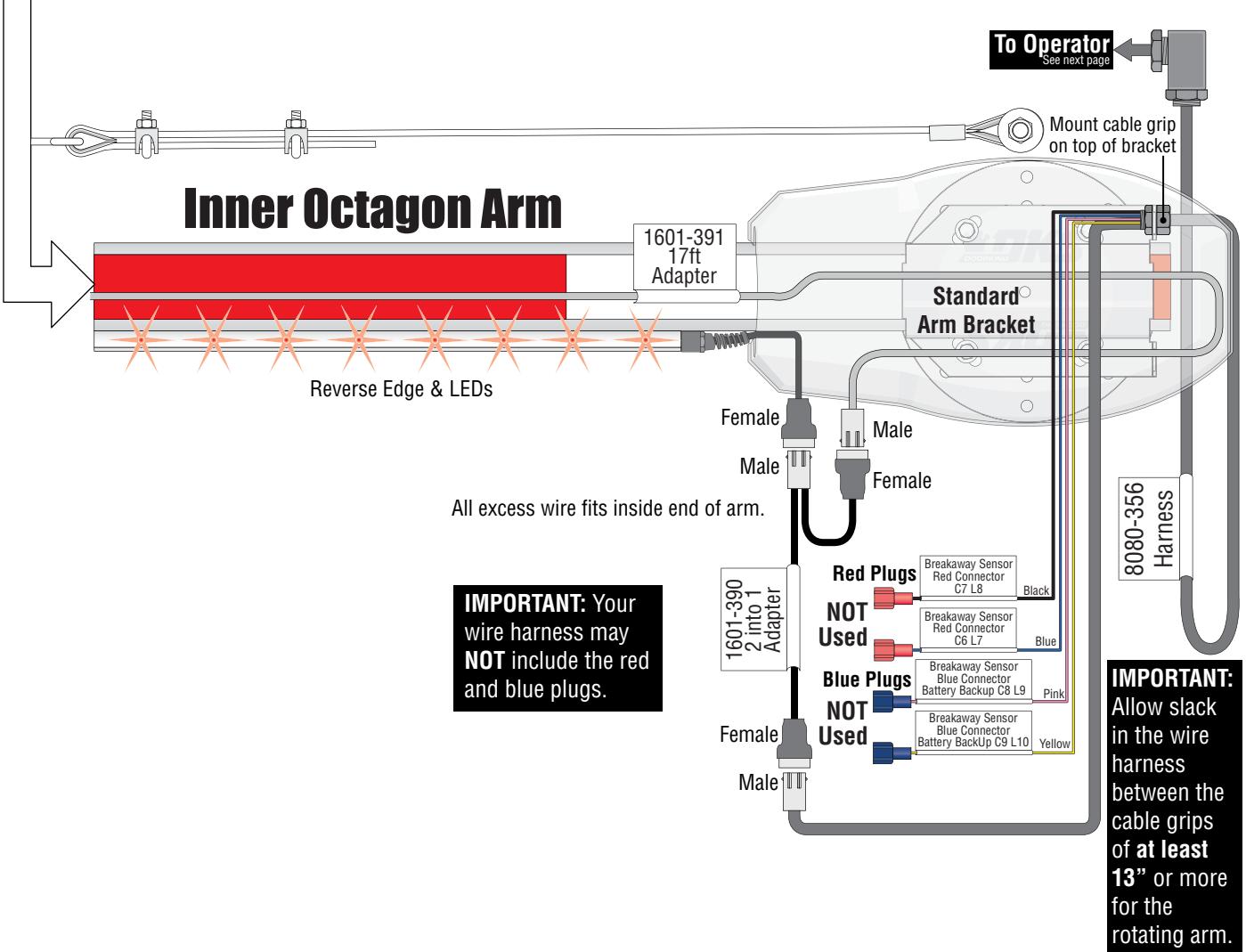
**MAKE SURE ALL POWER IS TURNED OFF TO OPERATOR!**

## Outer Octagon Arm



Drawings not to scale

## Inner Octagon Arm



# Wiring Reverse Edge to Operator

DoorKing Part Number

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**MAKE SURE ALL POWER IS TURNED OFF TO OPERATOR!**

