

OCTAGON ARM REVERSE/LED EDGE INSTALLATION

DoorKing Part Number
1601-235
 Octagon Arm Hardware Kit

This kit is designed for a 1601 barrier gate operator **WITHOUT convenience open OR** 1603 auto-spikes barrier operator. It **CANNOT** be used with a 1602 operator. The kit provides a reversing edge with OR /without Red/Green LEDs for a **octagon** arm. When the arm is raised, LEDs turn **GREEN**, and turns **RED** when lowered and remains **RED** in the down position. Arm will reverse if lowering and a obstruction is encountered.

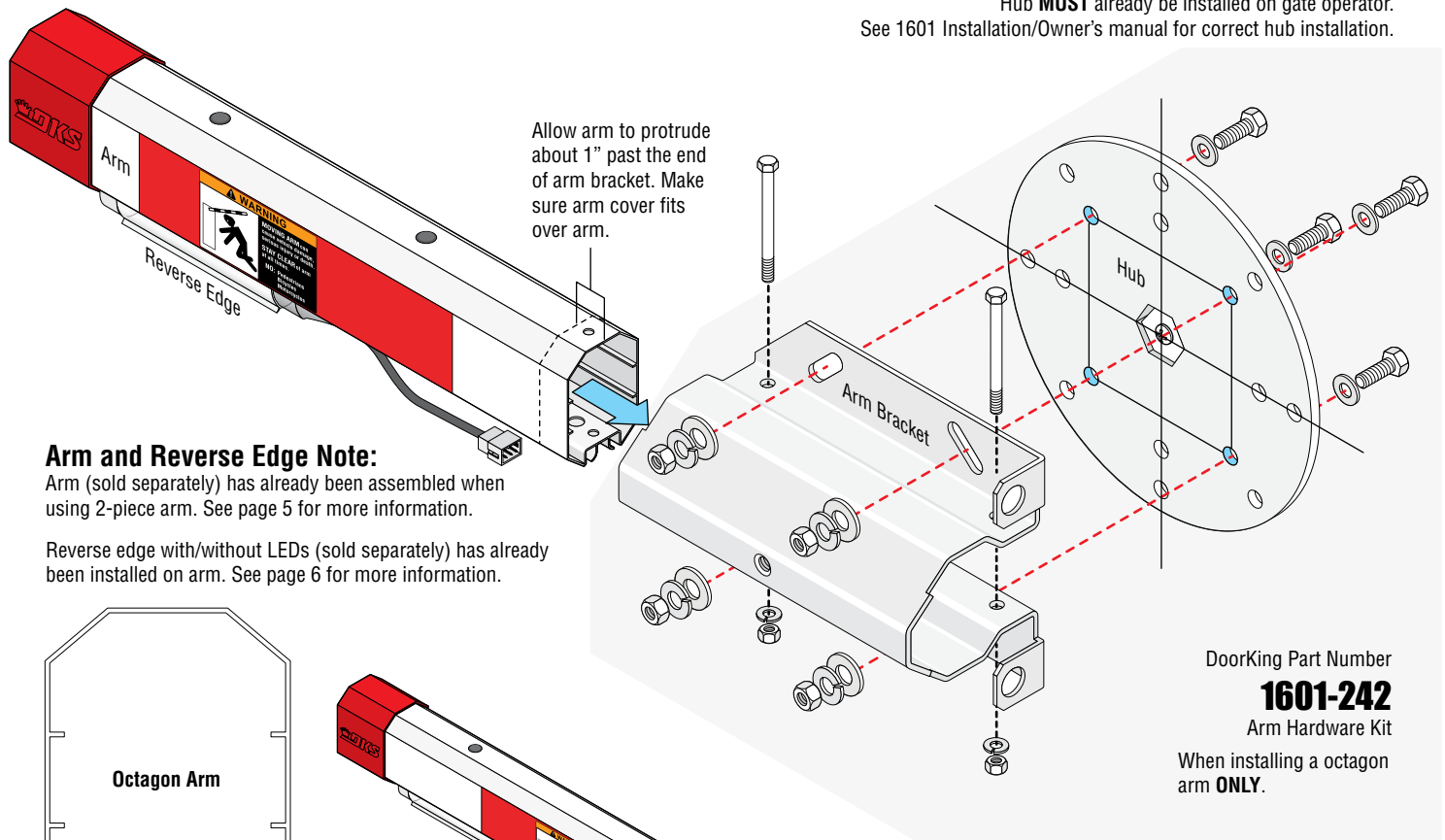
Note: DO NOT operate arm with a malfunctioning reverse edge.

Installation

Drawings NOT to scale

Install Bracket

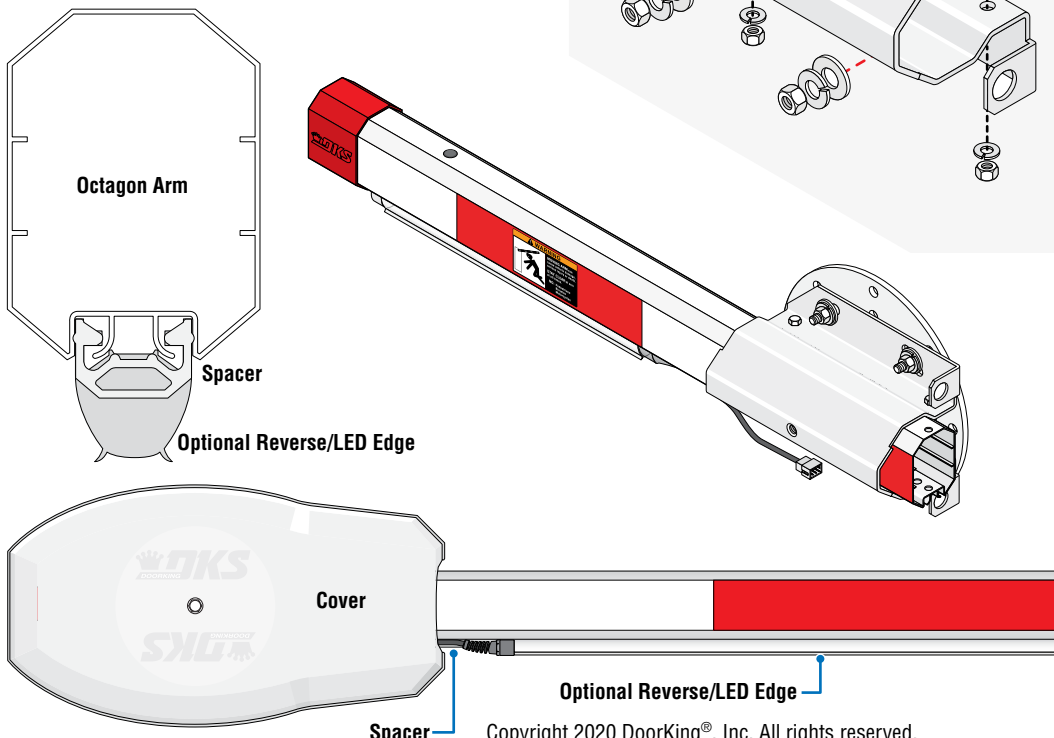
Test hub **UP** and **DOWN** position before installing bracket.



Arm and Reverse Edge Note:

Arm (sold separately) has already been assembled when using 2-piece arm. See page 5 for more information.

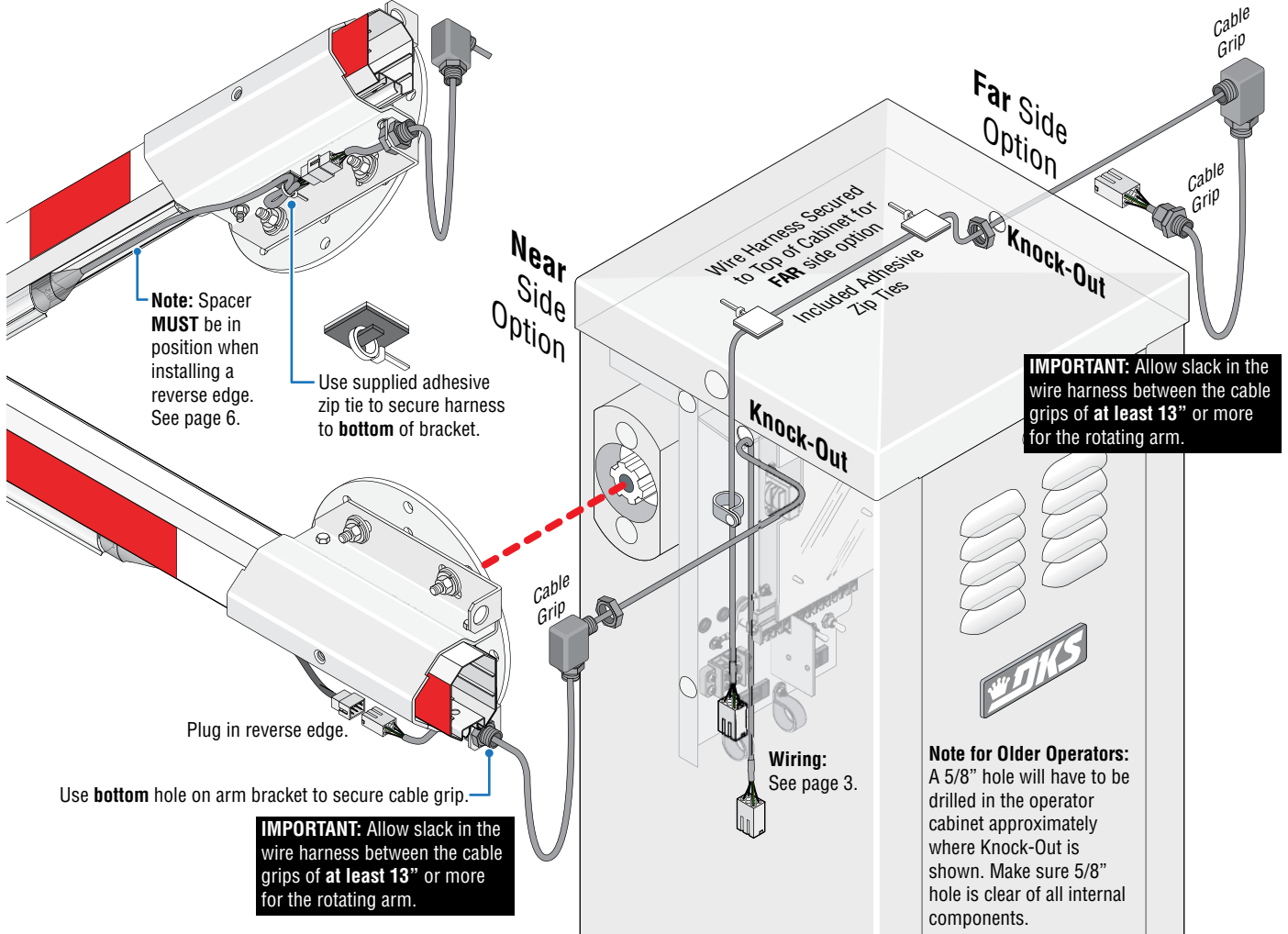
Reverse edge with/without LEDs (sold separately) has already been installed on arm. See page 6 for more information.



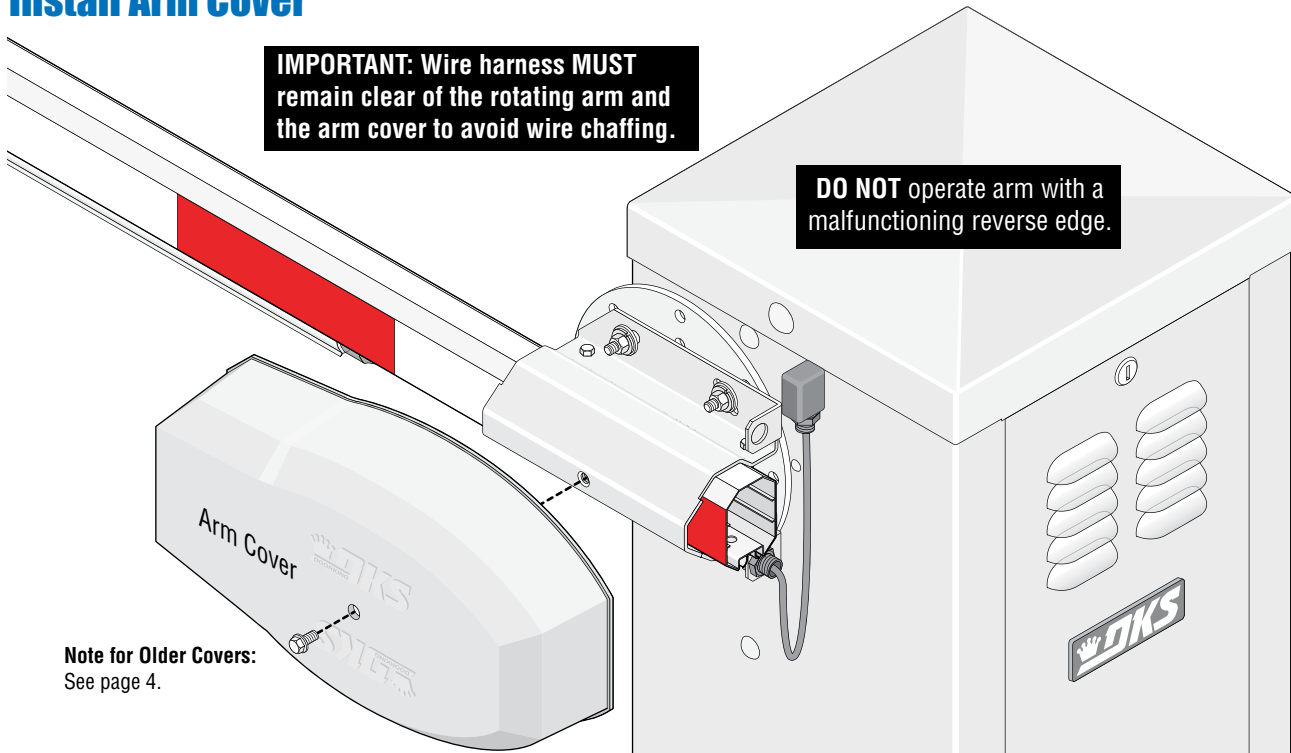
DoorKing Part Number
1601-242
 Arm Hardware Kit
 When installing a octagon arm **ONLY**.

Run Wire Harness (1601-345)

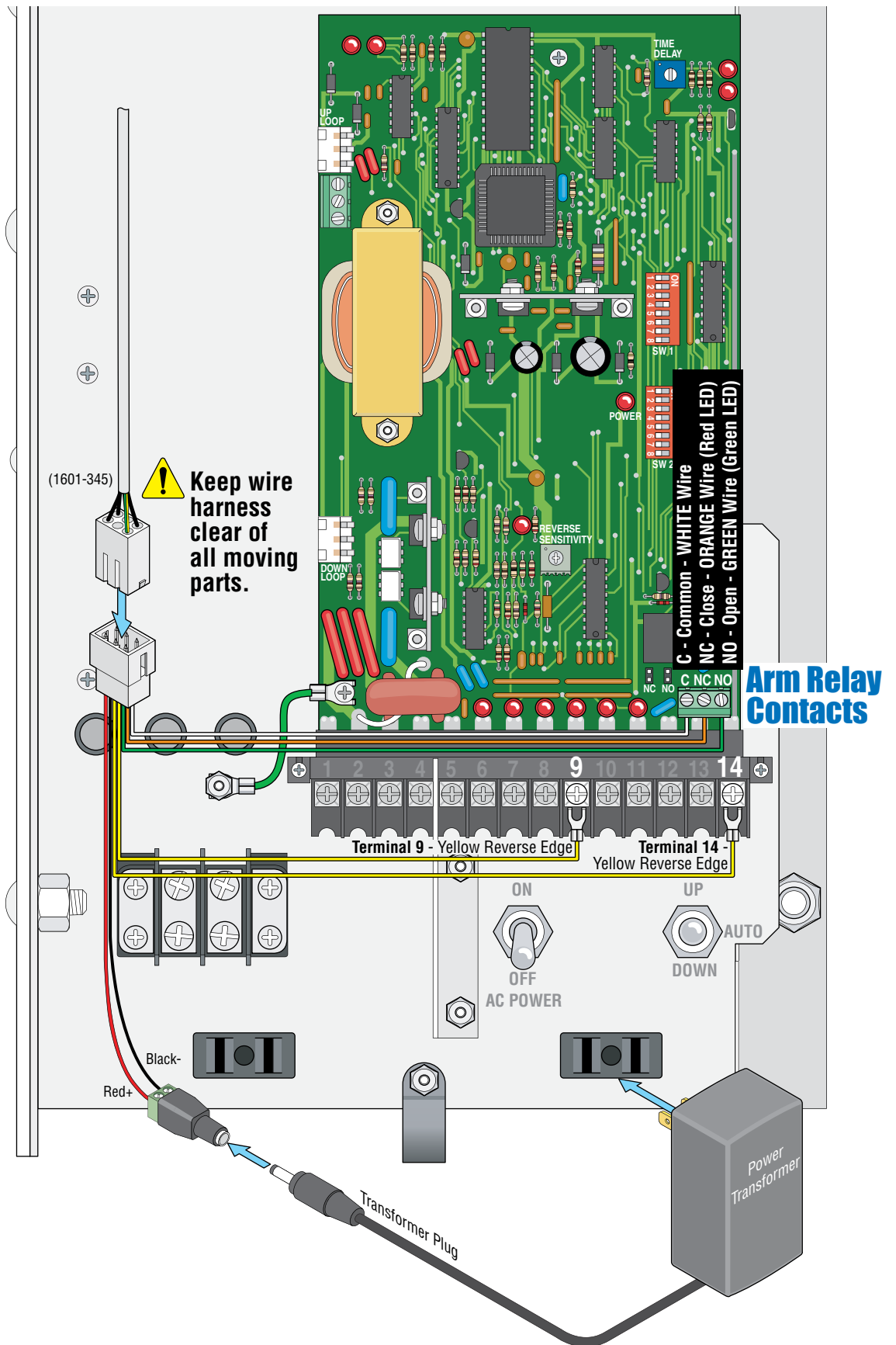
Choose which side of the operator the arm is mounted on, remove knock-out and run wire harness accordingly as shown.



Install Arm Cover



MAKE SURE ALL POWER IS TURNED OFF TO OPERATOR!



1601 operators WITH convenience open CANNOT be USED.

Keep wire harness clear of all moving parts.

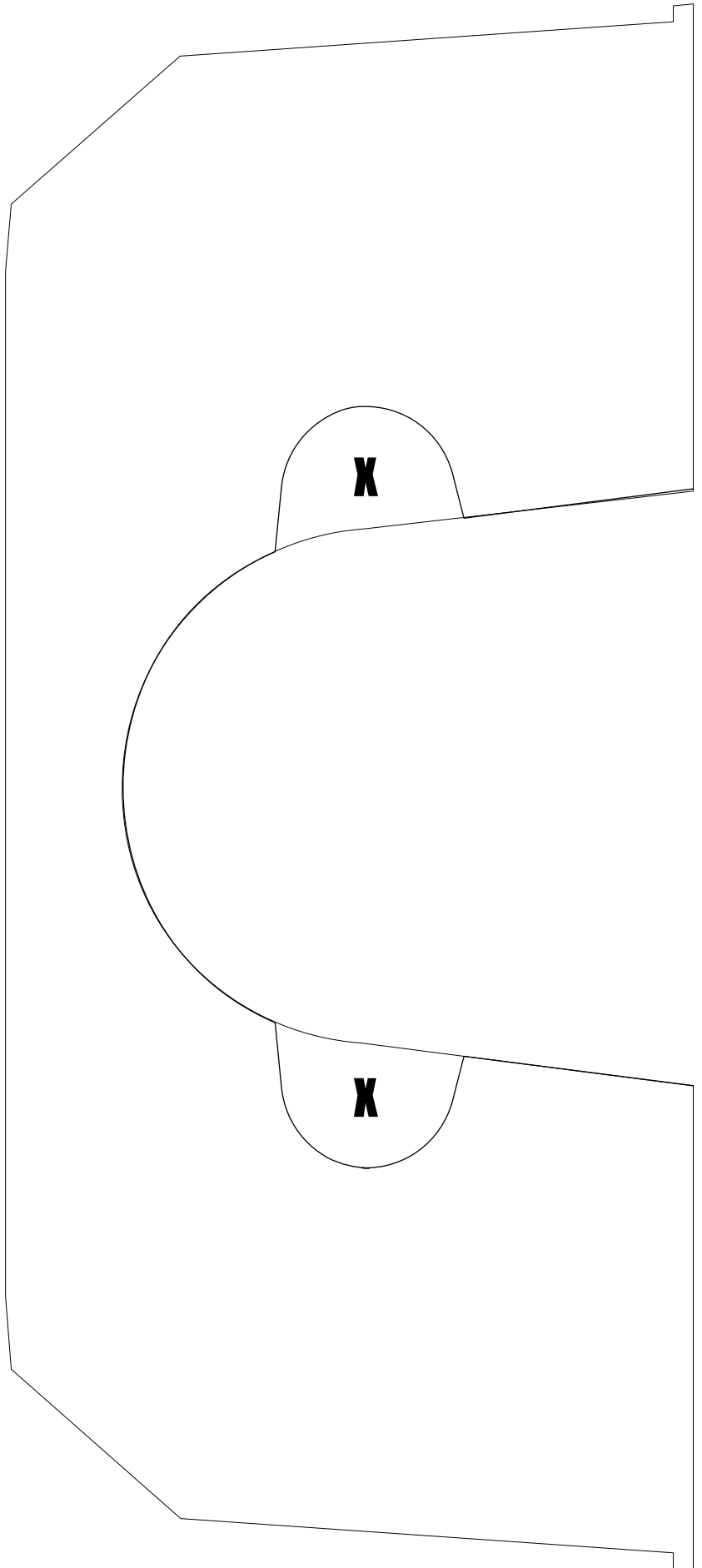
C - Common - WHITE Wire
NC - Close - ORANGE Wire (Red LED)
NO - Open - GREEN Wire (Green LED)

Arm Relay Contacts

Terminal 9 - Yellow Reverse Edge
Terminal 14 - Yellow Reverse Edge

Older Arm Cover

Older arm cover will need to have the reverse edge cut out of the existing cover. Only one side of the cover will need to be cut out depending on which side of the operator the arm is mounted on. Use this template as a guide to remove material from the cover.



14 FT 2-PIECE OCTAGON ARM ASSEMBLY

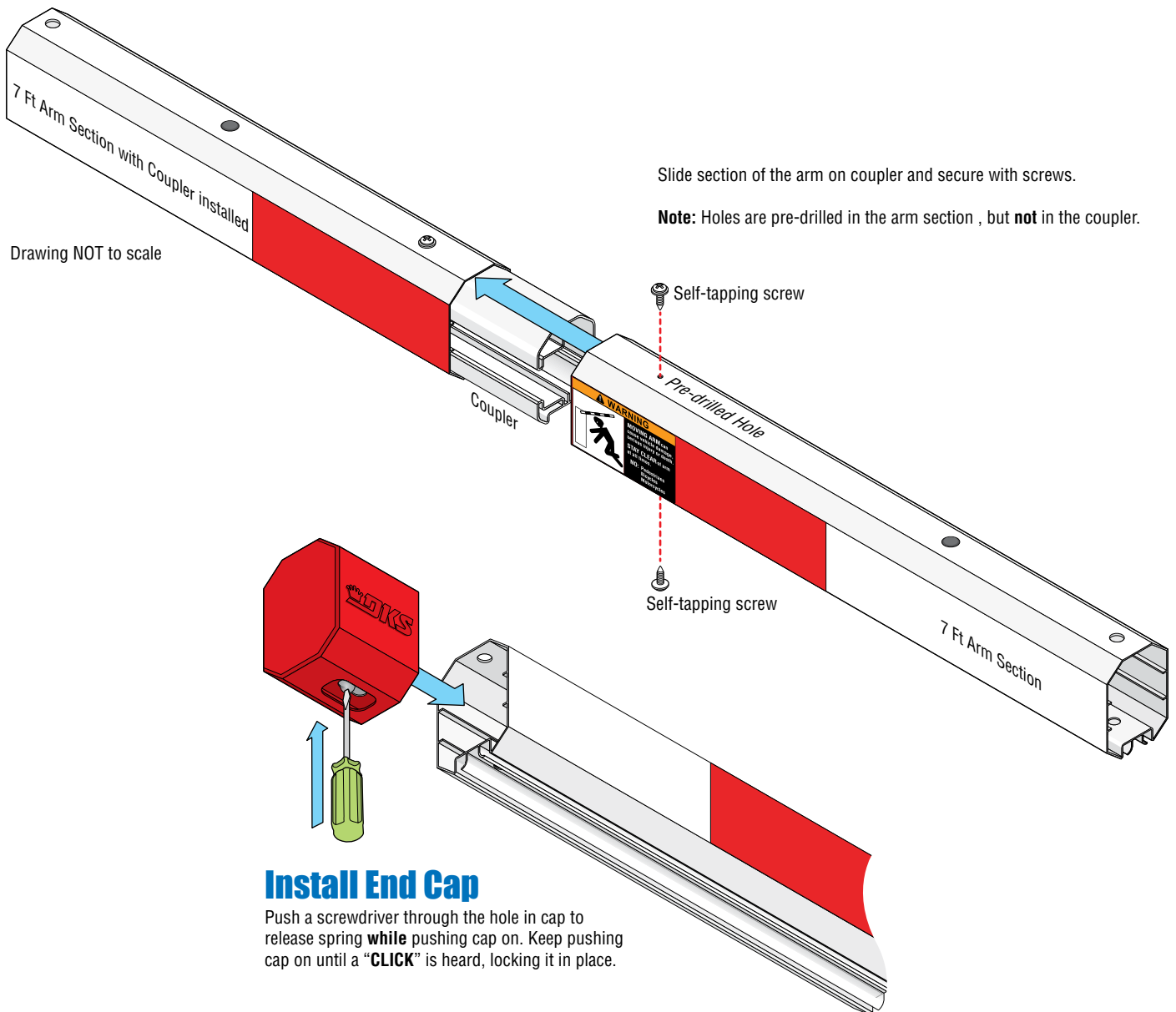
DoorKing Part Number

1601-567

14 Ft 2-Piece Octagon Arm Kit

This kit is designed for use on a 1601 or 1603 barrier gate operators **ONLY**. It has 2-7 ft arm sections that assemble into a 14 ft arm.

Assemble Arm



REVERSE EDGE / RED GREEN LED INSTALLATION

DoorKing Part Numbers

8080-080

Reverse Edge

8080-096

Reverse Edge + Red/Green LED

This kit is designed to install on a 14 ft aluminum **octagon arm** for a 1601 barrier gate operator or a 1603 auto spikes operator. It **CANNOT** be used with a 1602 operator.

Note: DO NOT operate arm with a malfunctioning reverse edge.

Installation

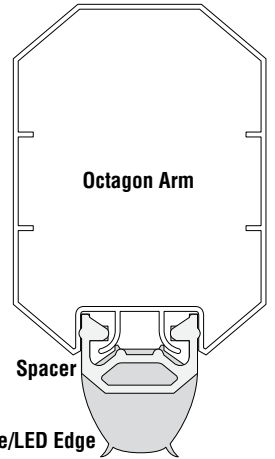
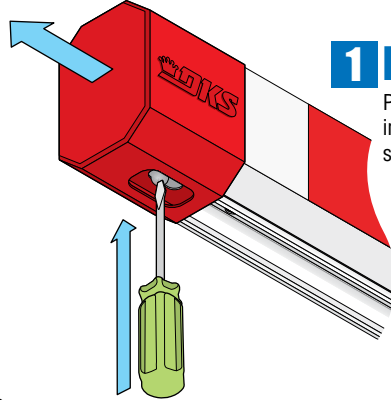
2 Slide on Spacer

Tip: Liquid soap will help spacer slide on easier.



1 Remove End Cap

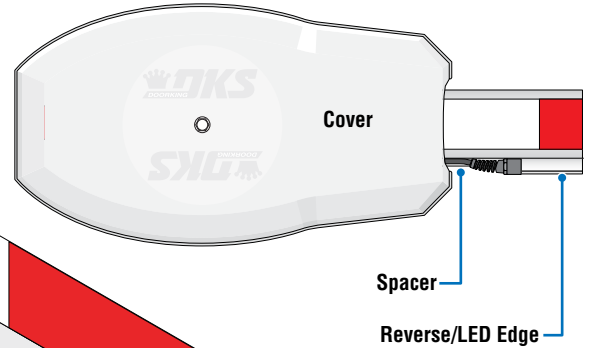
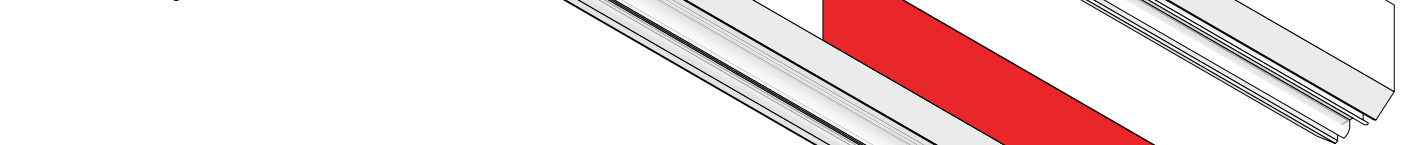
Push a screwdriver through hole in bottom of end cap to release spring **while** pulling cap off.



Reverse/LED Edge

3 Slide on Edge

Tip: Liquid soap will help reverse edge slide on easier.



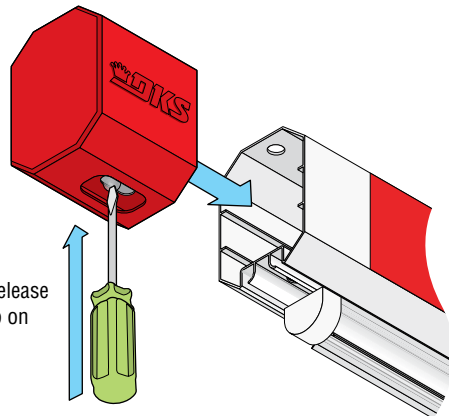
Cover

Spacer

Reverse/LED Edge

3 Reinstall 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.



Note: Spacer **MUST** be in position.



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