

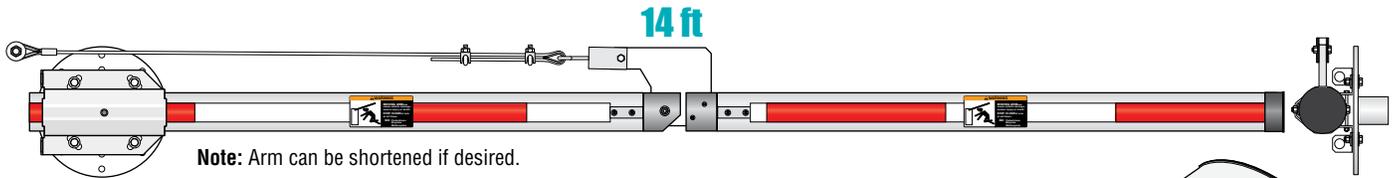
ROUND FOLDING ARM KIT

DoorKing Part Number

1601-610

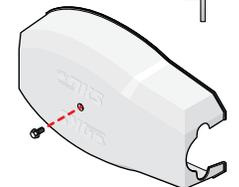
Two Arms and Hardware Kit

This kit is designed for a **1601** barrier gate operator and a **1603 auto-spikes system**. It **CANNOT** be used on a 1602, 1620 lane barrier or the 1625 wedge barrier. This arm is recommended for low headroom applications. See 1601/1602 Installation/Owners manual (1601-065 PDF) for arm **safety protection device** information.



ROUND Folding Arm Installation Steps:

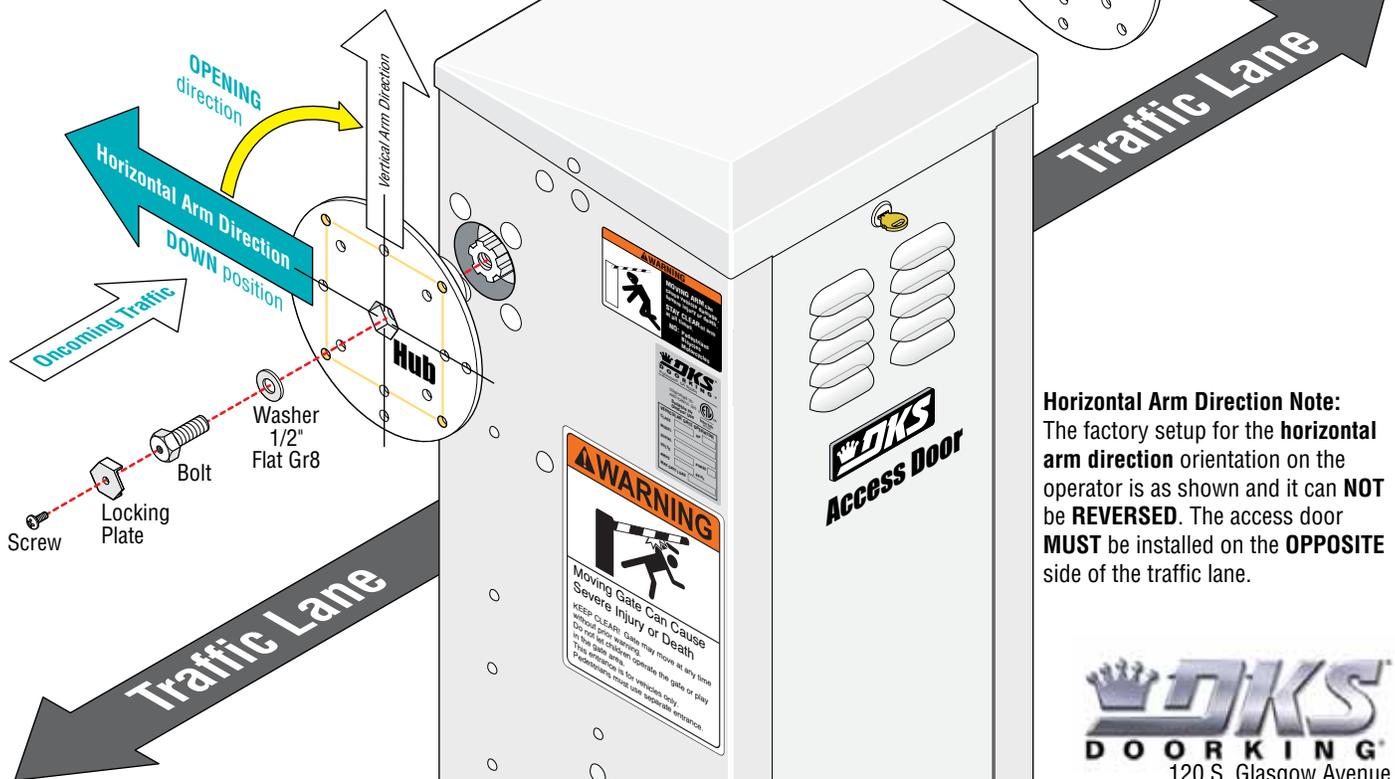
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|---|--------------------------------------|---|
| 1 | Install Hub | 1 |
| 2 | 14 Ft Arm Layout or Shorten Arms | 2 |
| 3 | Installing Arms | 3 |
| 4 | Adjusting and Locking Cable Assembly | 3 |



Plastic cover with securing bolt included.

1 Install Hub

After barrier operator has been permanently installed and it has power, mount hub on **desired side** of operator with hub in the **DOWN** position. A **SINGLE HUB** should be mounted on the **SAME** side as **oncoming** traffic.



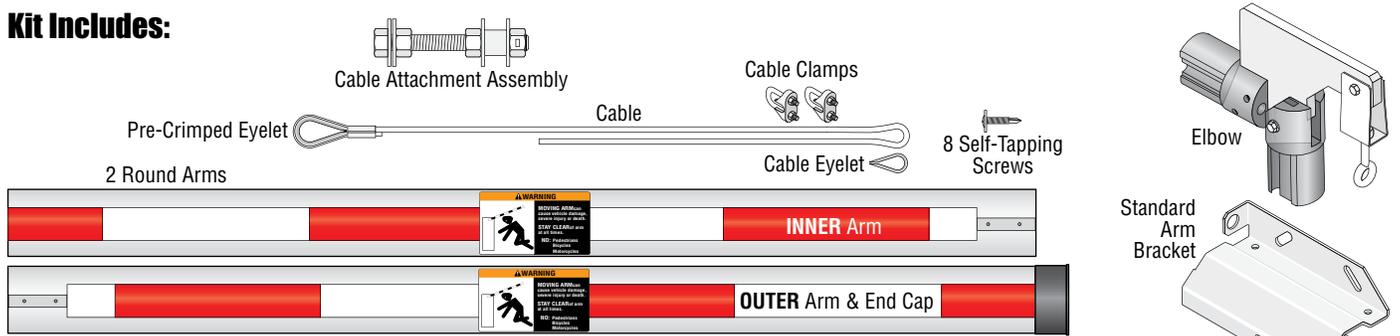
Horizontal Arm Direction Note: The factory setup for the **horizontal arm direction** orientation on the operator is as shown and it can **NOT** be **REVERSED**. The access door **MUST** be installed on the **OPPOSITE** side of the traffic lane.



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Kit Includes:

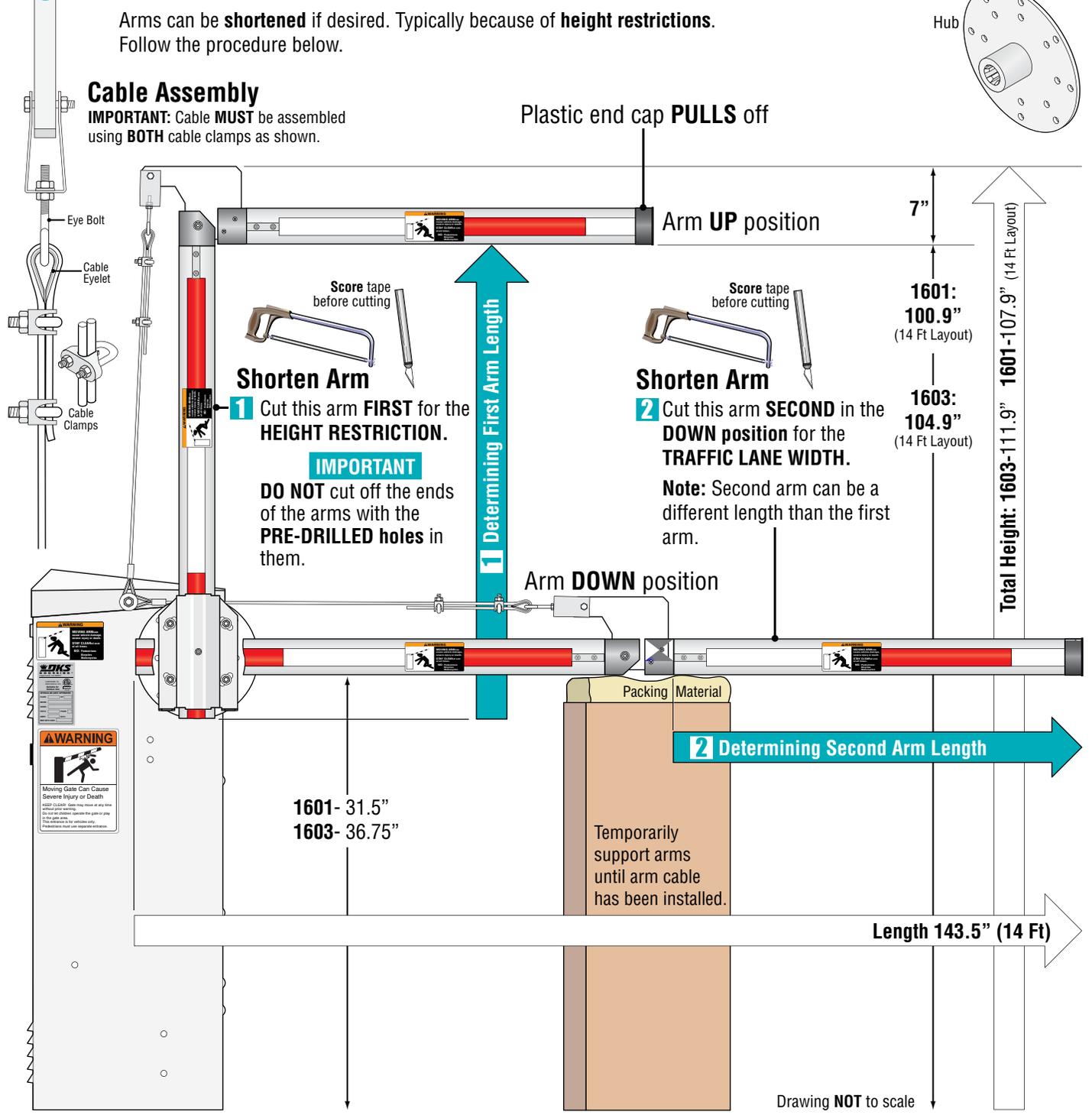


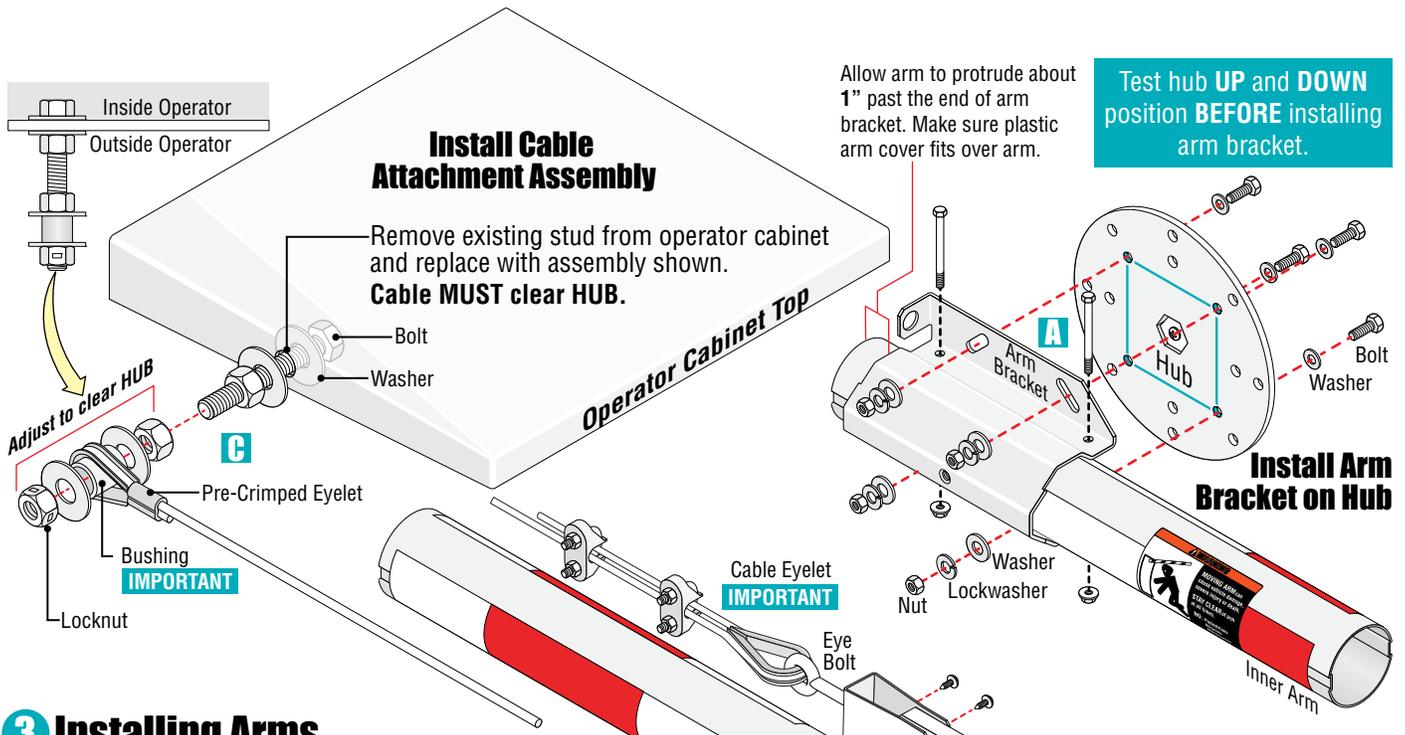
2 14 ft Arm Layout or Shorten Arms

Arms can be **shortened** if desired. Typically because of **height restrictions**. Follow the procedure below.

Cable Assembly

IMPORTANT: Cable **MUST** be assembled using **BOTH** cable clamps as shown.





Allow arm to protrude about 1" past the end of arm bracket. Make sure plastic arm cover fits over arm.

Test hub UP and DOWN position BEFORE installing arm bracket.

Install Cable Attachment Assembly

Remove existing stud from operator cabinet and replace with assembly shown. Cable MUST clear HUB.

Install Arm Bracket on Hub

3 Installing Arms



Top View of Operator

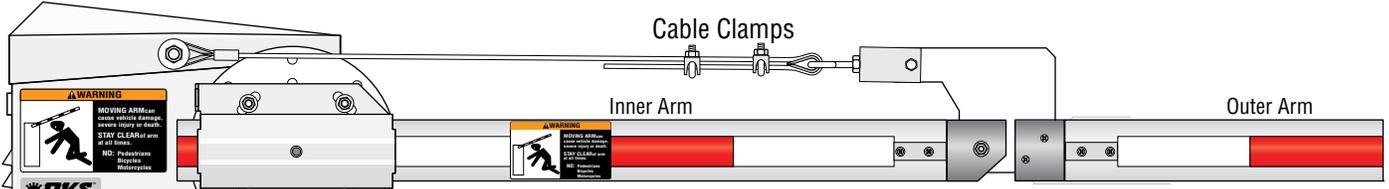
C Install cable. Cable MUST clear HUB! see previous page

A Install INNER arm on hub

B Install elbow.

Cable Eyelet MUST be installed in eye bolt

4 Adjusting Support Cable



Rotate arm up and down. Adjust cable tension with cable clamps to level outer arm. Make sure that cable assembly is not binding or twisting and everything moves freely.

DO NOT adjust cable too tight or it will bind.



Outer Arm