

# WOOD FOLDING ARM KIT

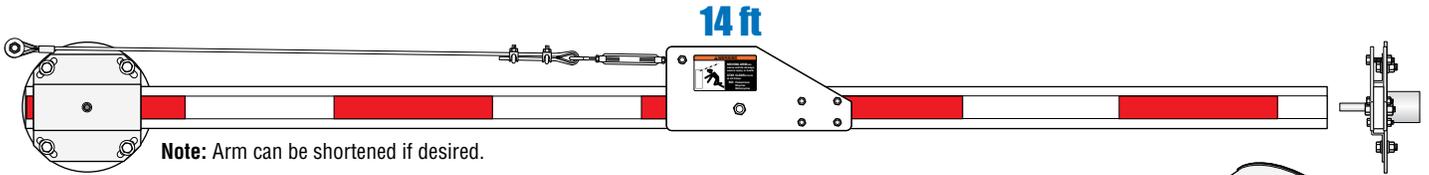
DoorKing Part Number

**1601-384**

Two Arms and  
Hardware Kit

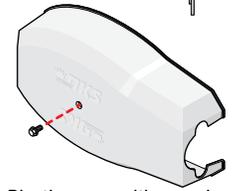
This kit is designed for the **1601 barrier gate operator ONLY**. It **CANNOT** be used on a 1602, 1603 auto-spikes, 1620 lane barrier or the 1625 wedge barrier. This arm is recommended for low headroom applications.

See 1601/1602 Installation/Owners manual (1601-065 PDF) for arm **safety protection device** information.



## Wood Folding Arm Installation Steps:

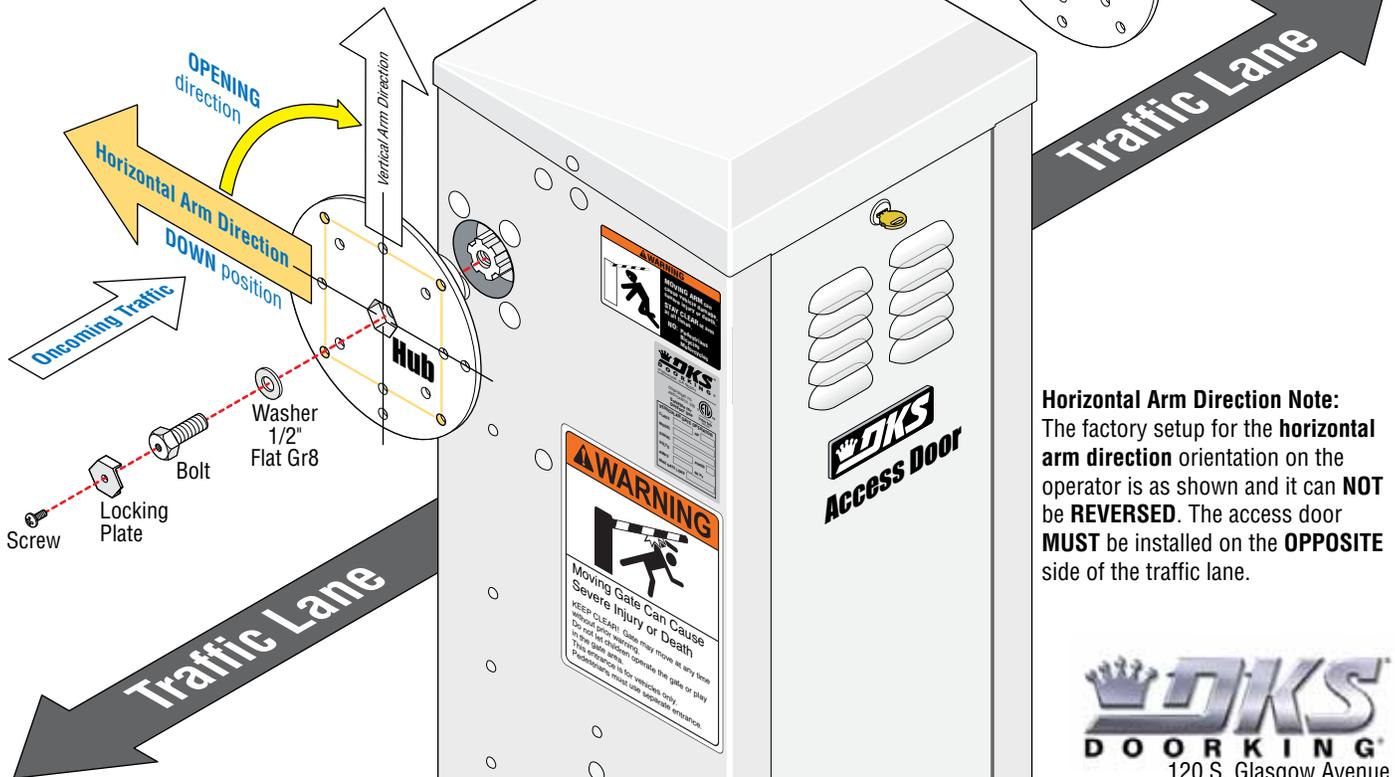
- 1 Install Hub \_\_\_\_\_ 1
- 2 14 Ft Arm Layout or Shorten Arms \_\_\_\_\_ 2
- 3 Installing Arms \_\_\_\_\_ 3
- 4 Adjusting and Locking Cable Assembly \_\_\_\_\_ 3



Plastic cover with securing bolt included.

## 1 Install Hub

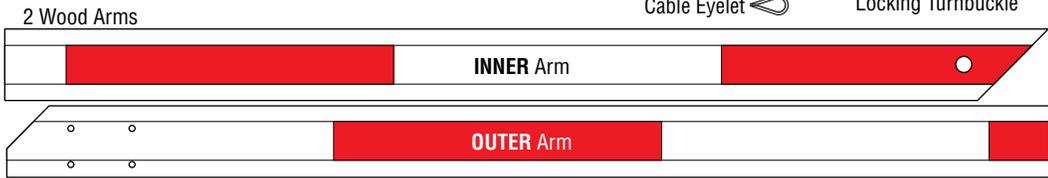
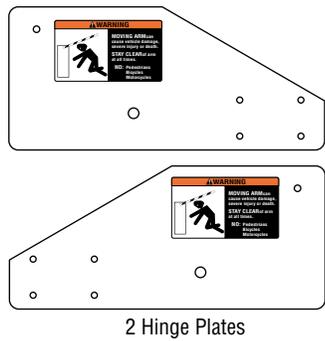
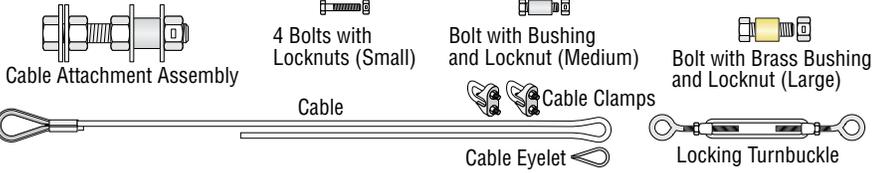
After barrier operator has been permanently installed and it has power, mount hub on **desired side** of operator with hub in the **DOWN** position. A **SINGLE HUB** should be mounted on the **SAME** side as **oncoming traffic**.



120 S. Glasgow Avenue  
Inglewood, California 90301 U.S.A.

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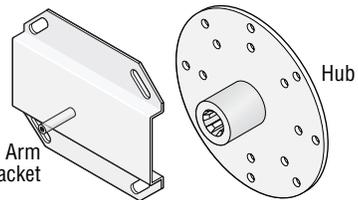
**Kit Includes:**



2 Hinge Plates

**2 14 ft Arm Layout or Shorten Arms**

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

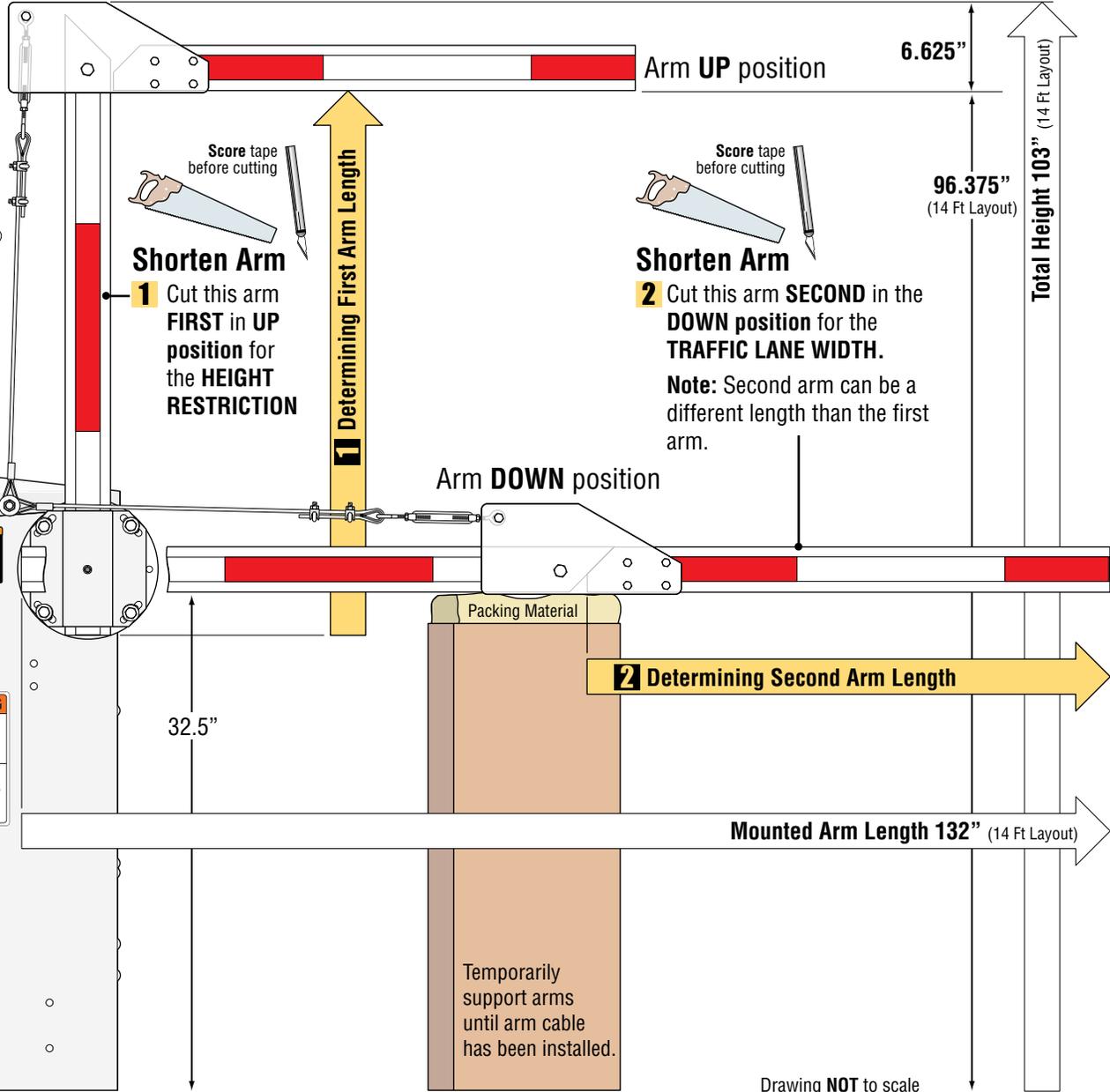
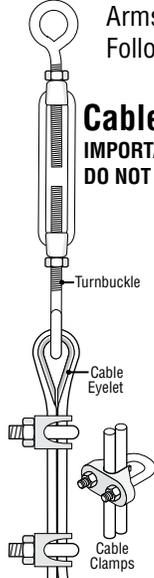


Wood Arm Bracket

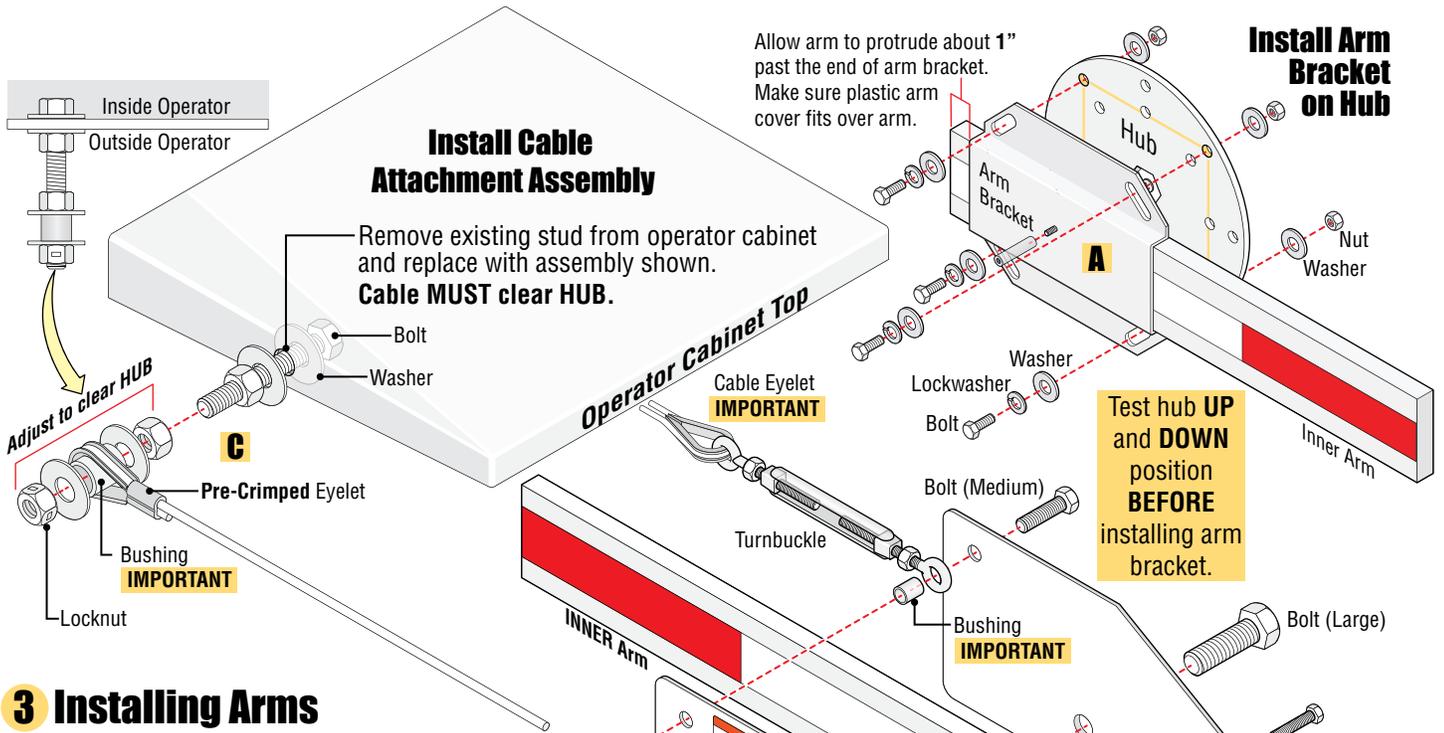
Hub

**Cable Assembly**

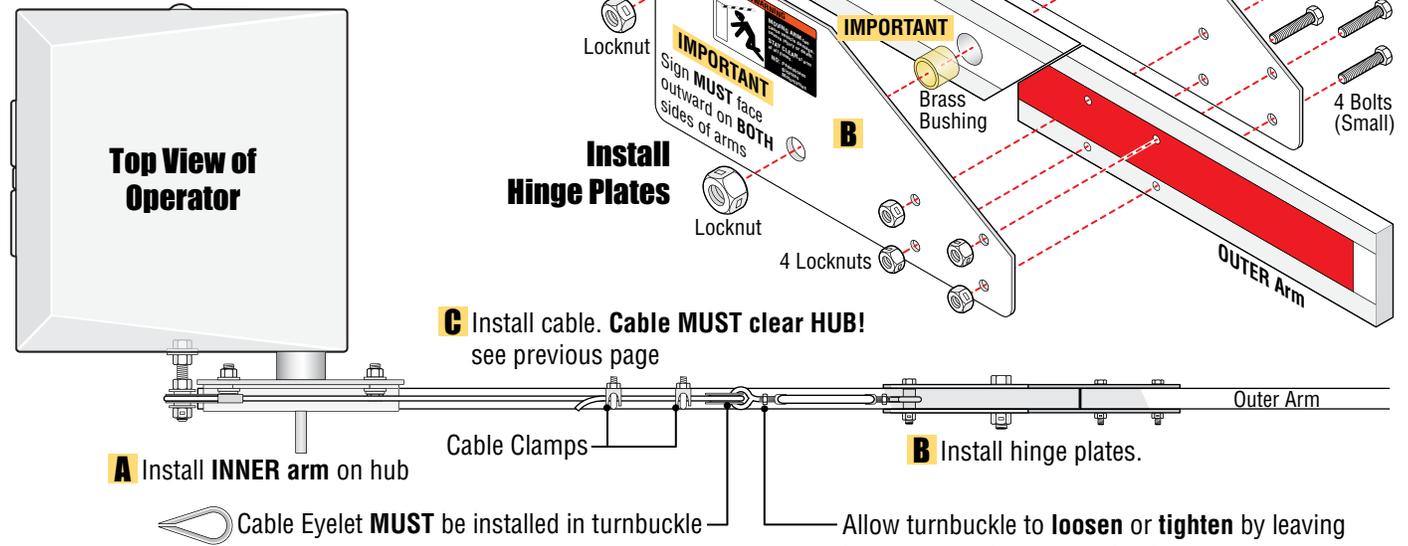
**IMPORTANT:** Cable **MUST** be assembled using **BOTH** cable clamps as shown. **DO NOT** allow turnbuckle to rub against hinge plates in **UP** position.



Drawing **NOT** to scale

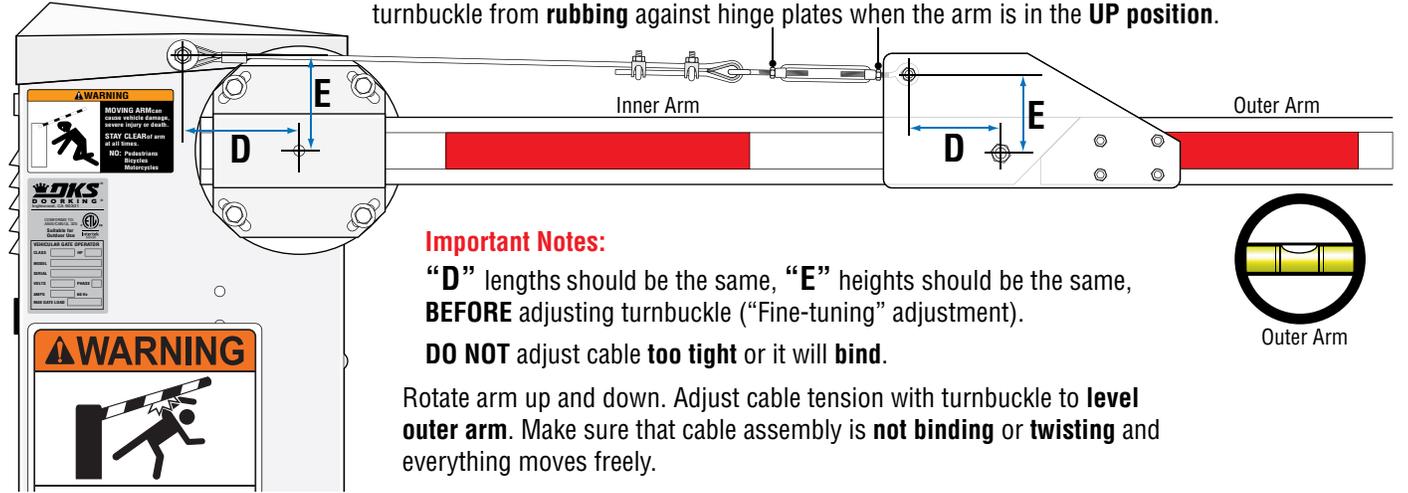


### 3 Installing Arms



### 4 Adjusting and Locking Cable Assembly

AFTER adjusting cable tension, LOCK turnbuckle with nuts in position shown to prevent turnbuckle from rubbing against hinge plates when the arm is in the UP position.



#### Important Notes:

“D” lengths should be the same, “E” heights should be the same, BEFORE adjusting turnbuckle (“Fine-tuning” adjustment).

DO NOT adjust cable too tight or it will bind.

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