

PLASTIC FOLDING ARM KIT

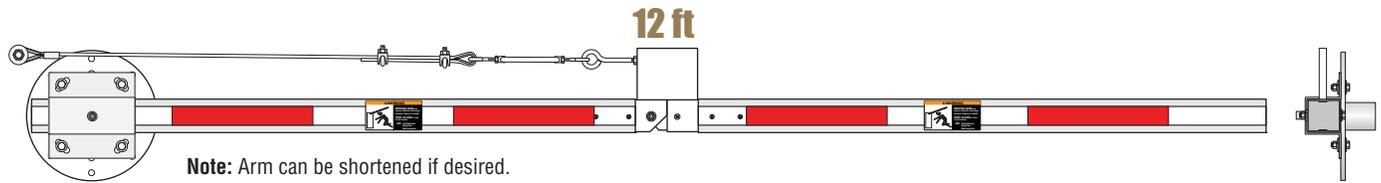
DoorKing Part Number

1601-383

Two Arms and
Hardware Kit

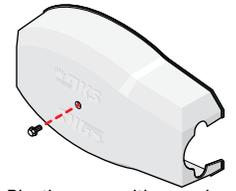
This kit is designed for the **1601 barrier gate operator ONLY**. It **CANNOT** be used on a 1602, 1603 auto-spikes, 1620 lane barrier or the 1625 wedge barrier. This arm is recommended for low headroom applications.

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



Plastic Folding Arm Installation Steps:

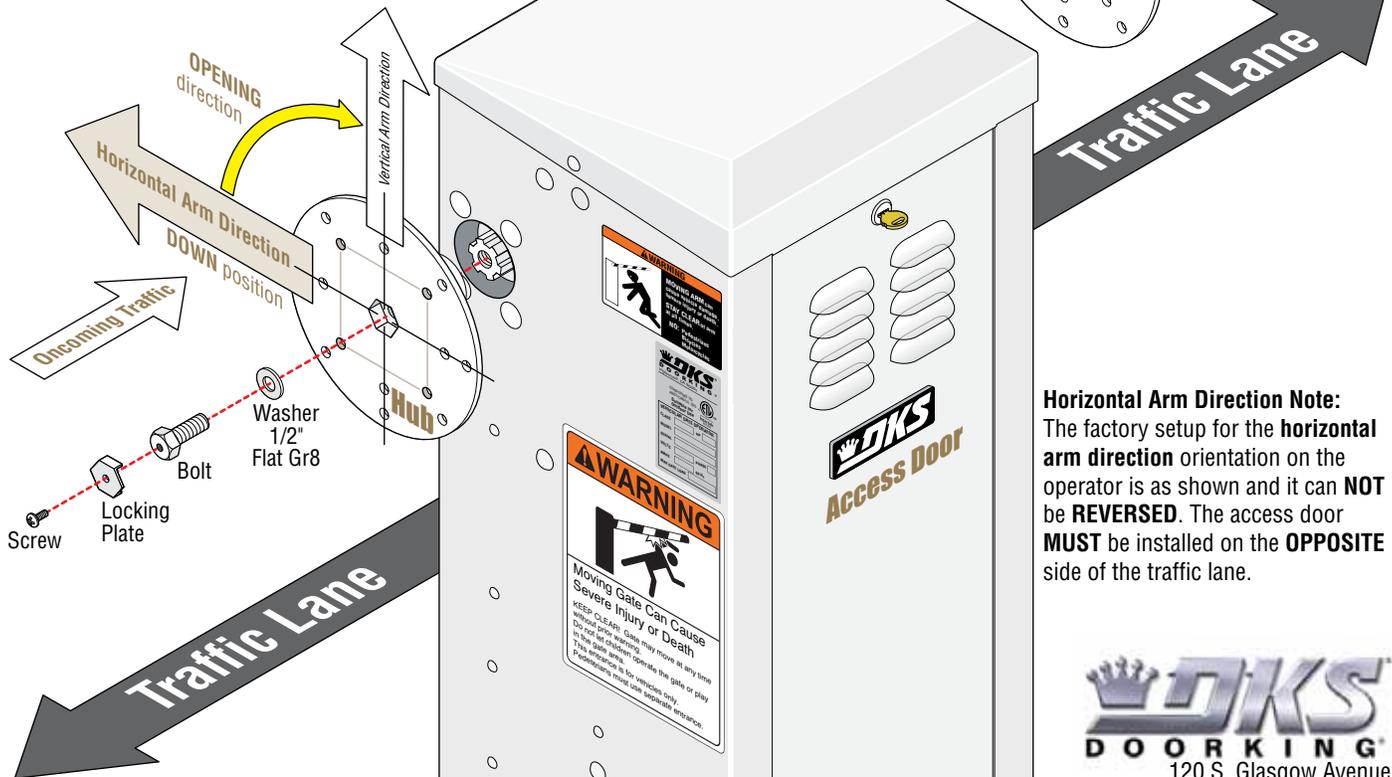
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Plastic cover with securing bolt included.

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.



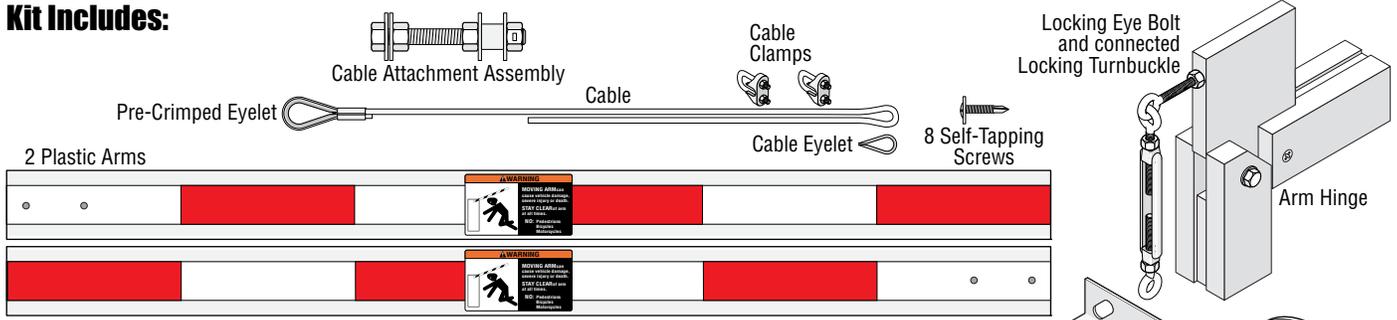
Horizontal Arm Direction Note:
The factory setup for the **horizontal arm direction** orientation on the operator is as shown and it can **NOT** be **REVERSED**. The access door **MUST** be installed on the **OPPOSITE** side of the traffic lane.



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Kit Includes:

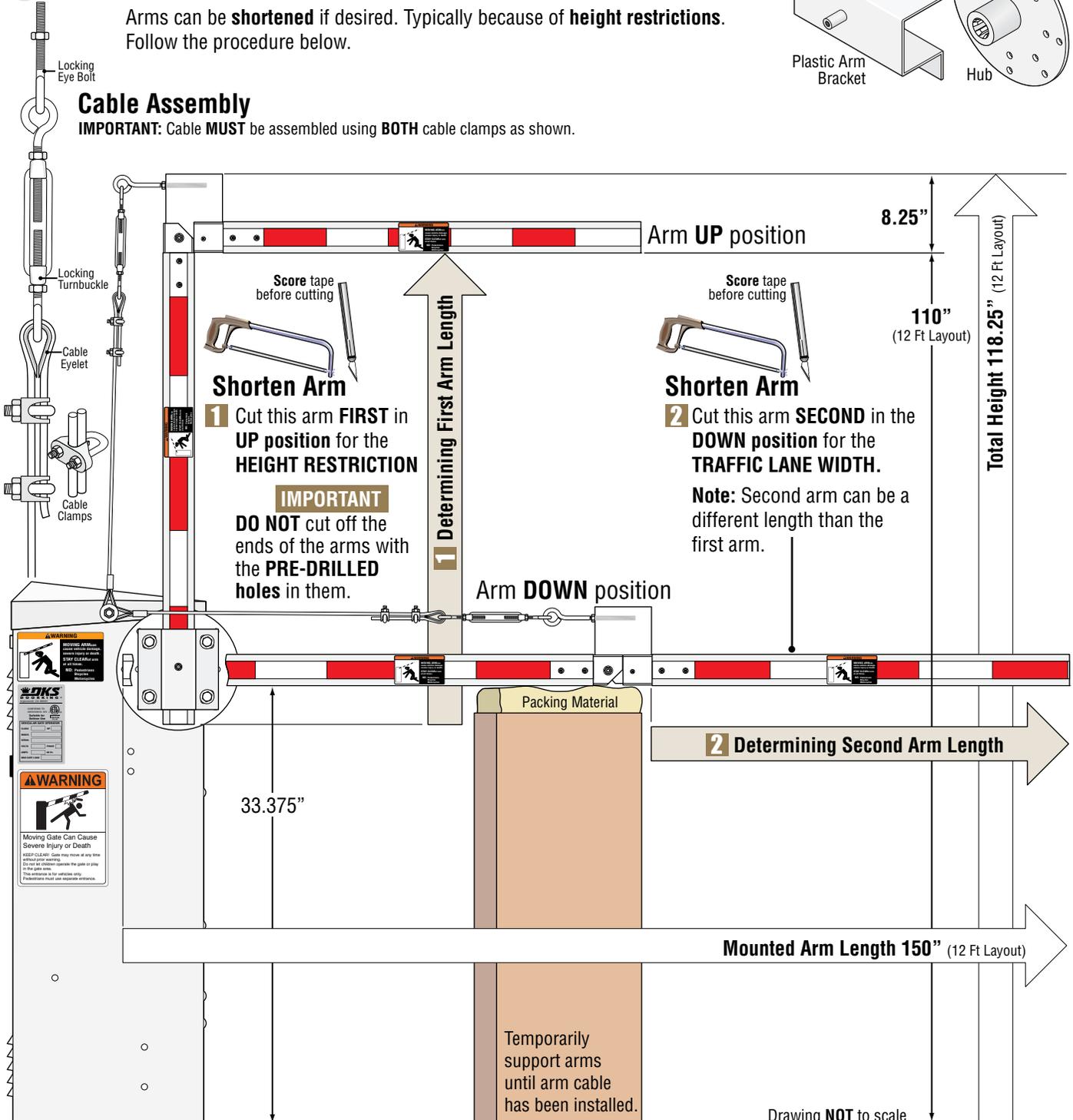


2 12 ft Arm Layout or Shorten Arms

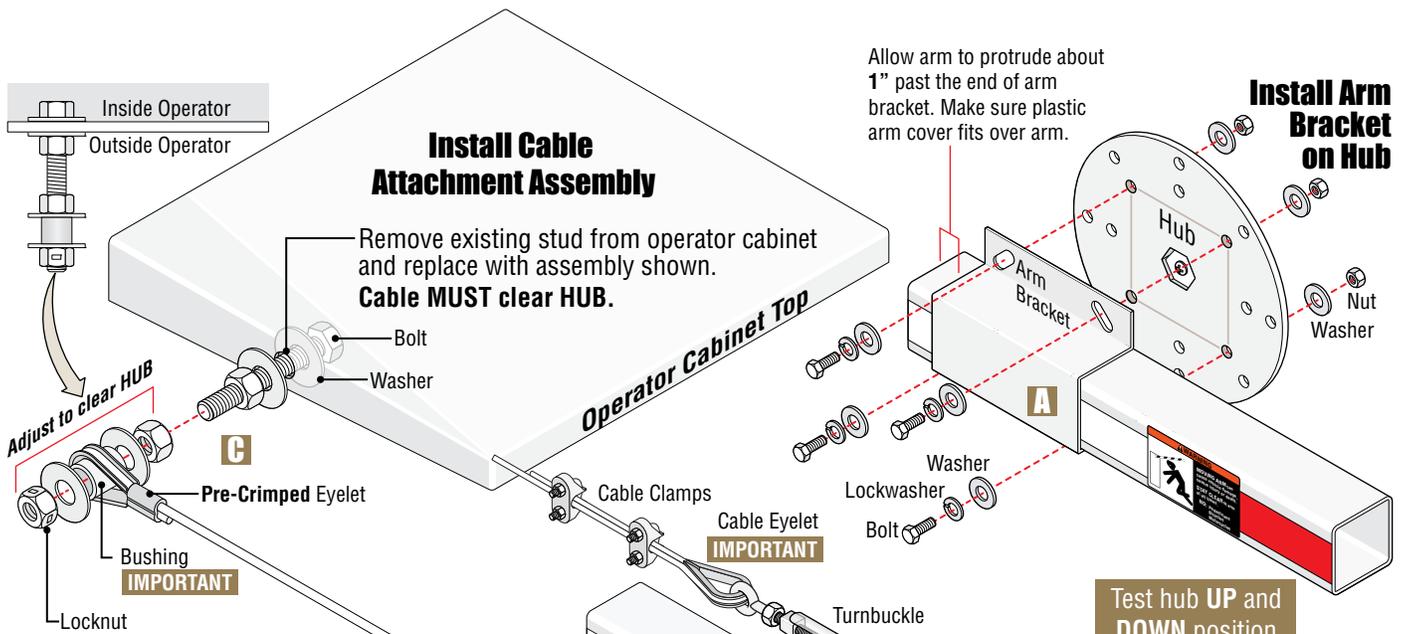
Arms can be **shortened** if desired. Typically because of **height restrictions**. Follow the procedure below.

Cable Assembly

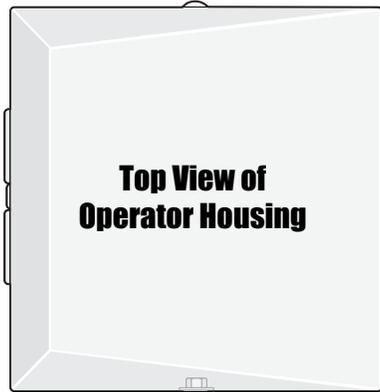
IMPORTANT: Cable **MUST** be assembled using **BOTH** cable clamps as shown.



Drawing **NOT** to scale



3 Installing Arms



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

A Install **INNER** arm on hub

Cable Clamps

B Install elbow.

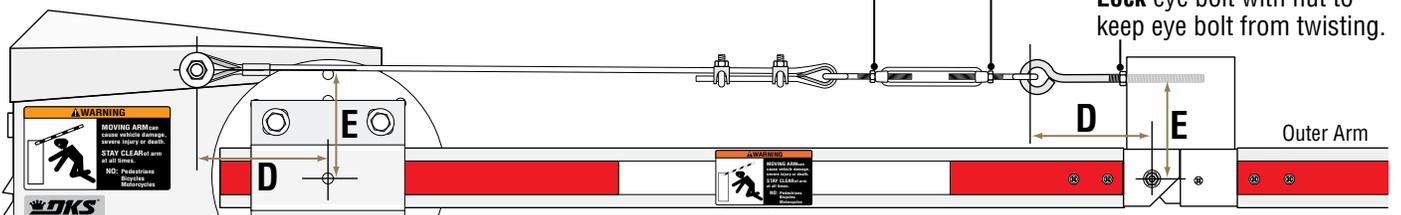
Allow turnbuckle to **loosen** or **tighten** by leaving the locking nuts loose on the threads

Cable Eyelet **MUST** be installed in turnbuckle.

4 Adjusting and Locking Cable Assembly

AFTER adjusting cable tension, **LOCK** turnbuckle with nuts to prevent turnbuckle from twisting or binding.

Lock eye bolt with nut to keep eye bolt from twisting.



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.

