

PLASTIC FOLDING ARM KIT

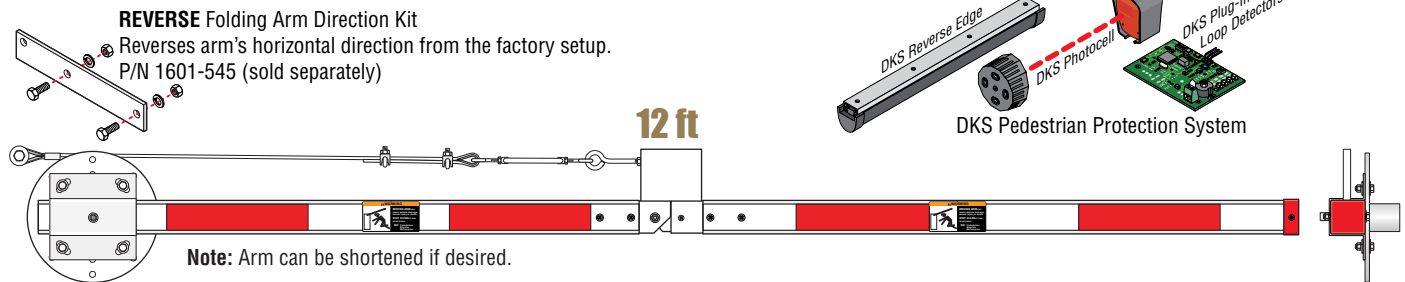
DoorKing Part Number

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.

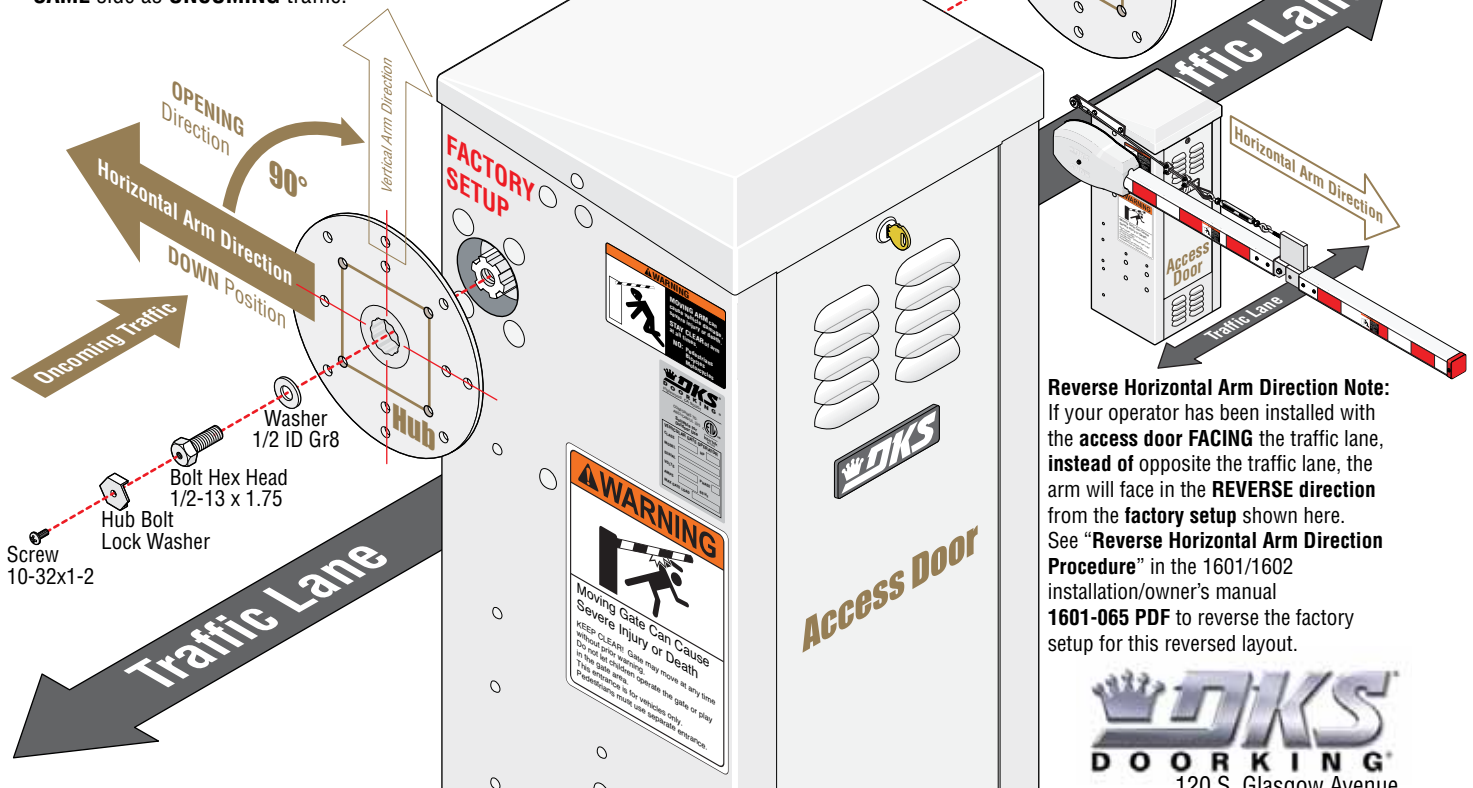


Plastic Folding Arm Installation Steps:

- 1 Install Hub 1
- 2 12 Ft Arm Layout or Shorten Arms 2
- 3 Installing Arms 3
- 4 Adjusting and Locking Cable Assembly 3

1 Install Hub

AFTER the barrier operator has been **PERMANENTLY INSTALLED** and has **POWER**, insert hub and secure it as shown to **YOUR DESIRED** side of the operator.
A **SINGLE HUB** should be mounted on the **SAME** side as **ONCOMING** traffic.

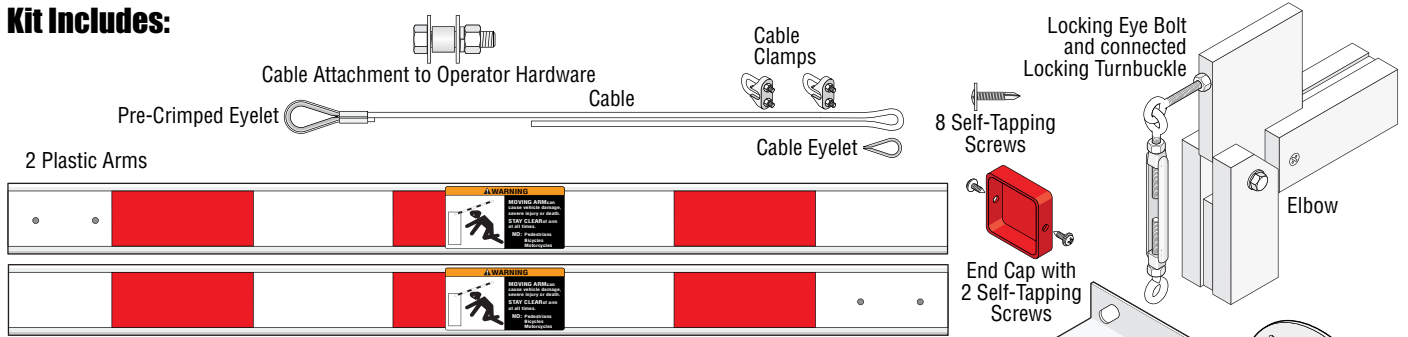


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Kit Includes:



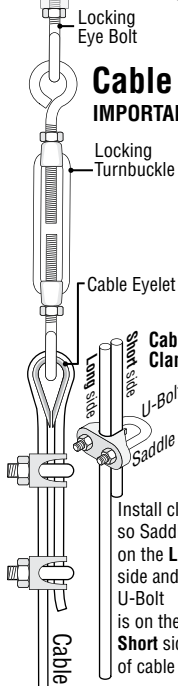
2 12 ft Arm Layout or Shorten Arms

Arm Bracket Attachment Hardware x 4

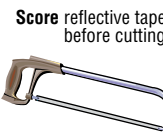
Arms can be **shortened** if desired. Typically because of **height restrictions**. Follow the procedure below.

Cable Elbow Configuration

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



Install clamps so Saddle is on the **Long** side and U-Bolt is on the **Short** side of cable

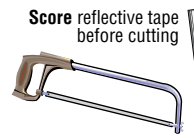


Shorten Inner Arm

1 Cut this arm **FIRST** in **UP** position for the **HEIGHT RESTRICTION**

IMPORTANT

DO NOT cut off the ends of the arms with the **PRE-DRILLED** holes in them.



Shorten Outer Arm

2 Cut this arm **SECOND** in the **DOWN** position for the **TRAFFIC LANE WIDTH**.

Note: Second arm can be a different length than the first arm.

Arm DOWN position

INNER Arm

OUTER Arm

34.5"

Arm can extend **about an inch or MORE** past the back of the arm bracket. Make sure plastic arm cover fits over arm.

Assembled Arm Elbow Pivot Length 73.2" (12 Ft Layout)

Assembled Arm Length 148.6" (12 Ft Layout)

Temporarily support arms until arm cable has been installed.

2 Determining Second Arm Length

IMPORTANT

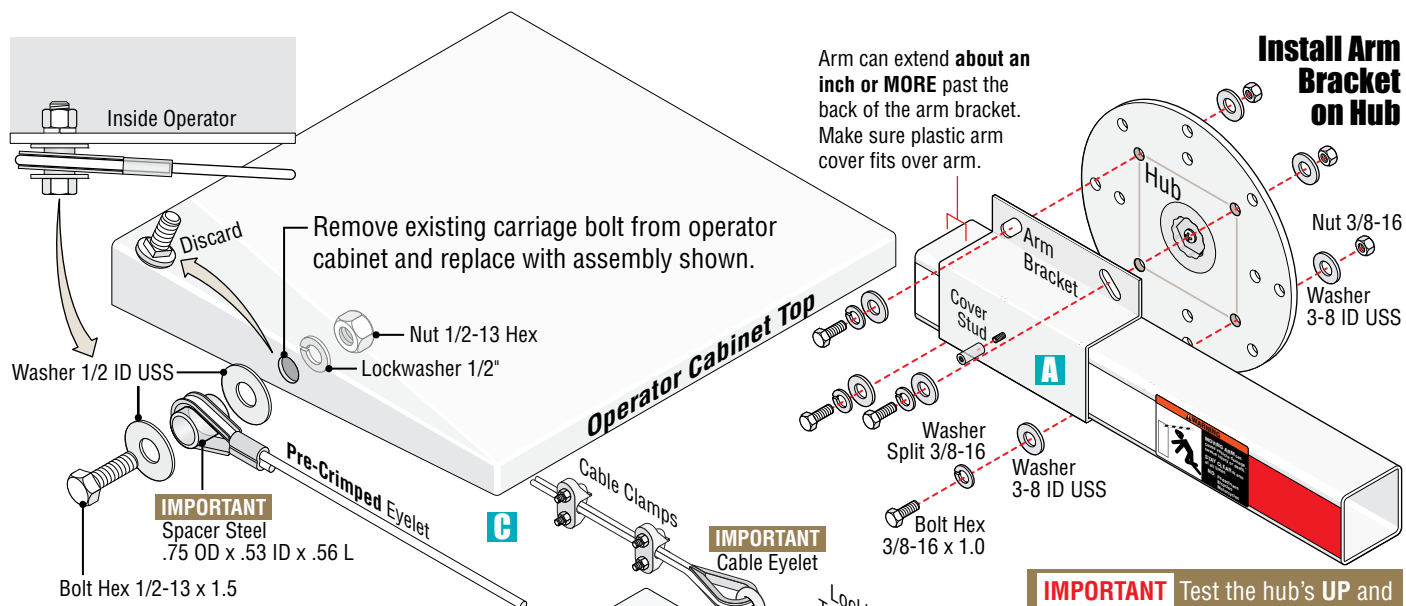
Height Measurement Note: Arm is positioned **1"** beyond the back of the arm bracket for **these** height measurements. Arm **can** be positioned **greater or less than 1"** beyond the arm bracket if desired but **HEIGHT** measurements **WILL change accordingly**.

6.3"

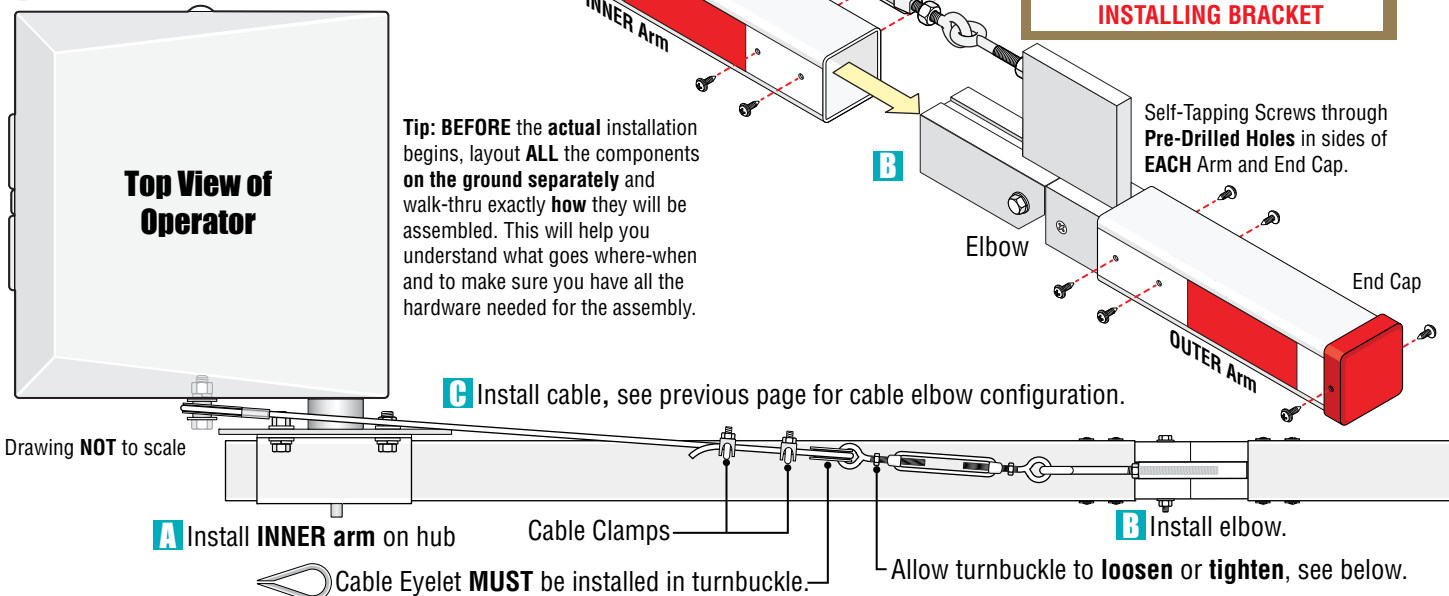
102.3"
(12 Ft Layout)

Total Height 108.6"
(12 Ft Layout)

Drawing **NOT** to scale



3 Installing Arms



4 Adjusting and Locking Cable Assembly

