

3-PIECE OCTAGON ARM WITH LED/REVERSE EDGE KIT INSTALL

These LED/Reverse Edge kits are designed **ONLY** for the 1602 model barrier gate operator.

IMPORTANT NOTE: Installation of arms **without LED/Reverse Edge kit** see pages 7-9.

DoorKing Part Numbers:

1602-282

20 ft Arm Only

AND

1602-982

20 ft LED/Reverse Edge Kit
(Optional for 1602-282 Arm)

1602-284

24 ft Arm Only

AND

1602-984

24 ft LED/Reverse Edge Kit
(Optional for 1602-284 Arm)

1602-287

27 ft Arm Only

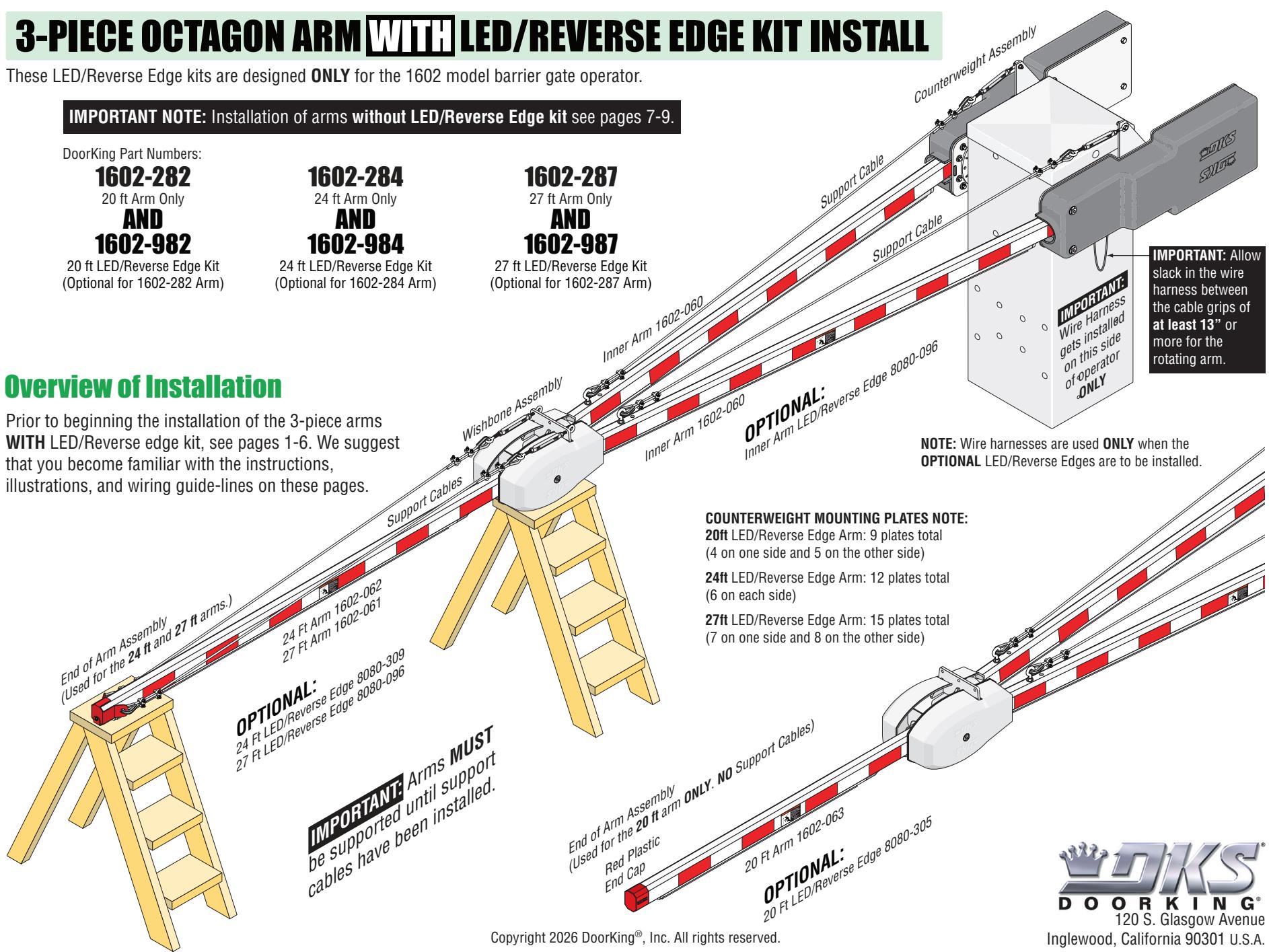
AND

1602-987

27 ft LED/Reverse Edge Kit
(Optional for 1602-287 Arm)

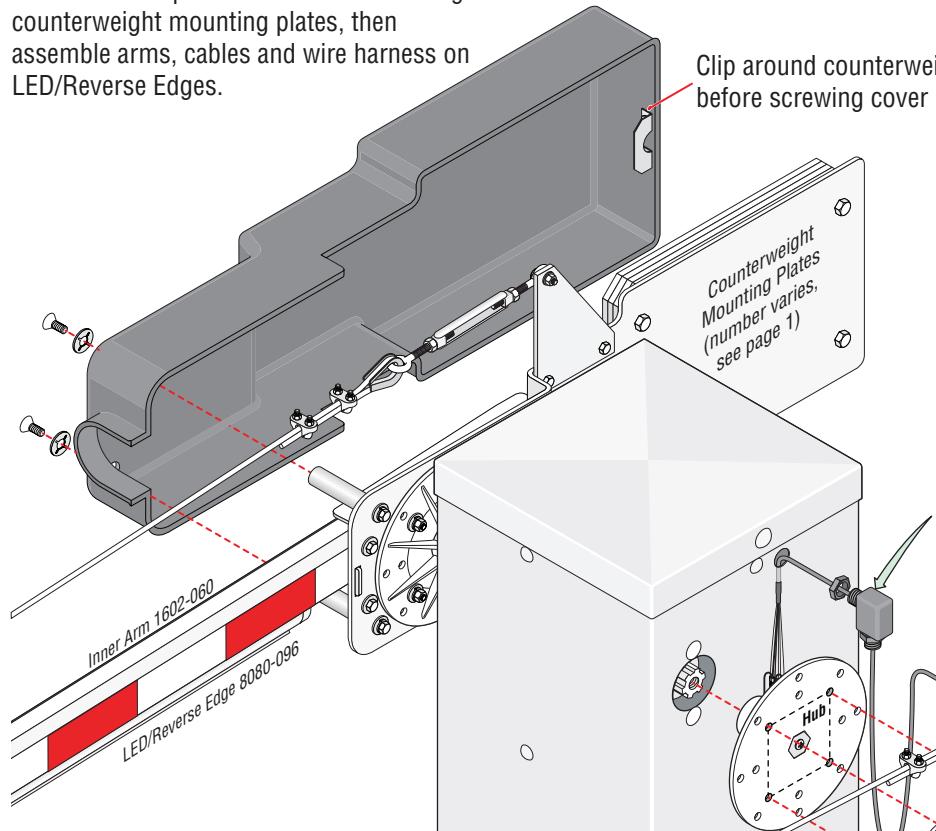
Overview of Installation

Prior to beginning the installation of the 3-piece arms **WITH LED/Reverse edge kit**, see pages 1-6. We suggest that you become familiar with the instructions, illustrations, and wiring guide-lines on these pages.



Counterweight Assembly

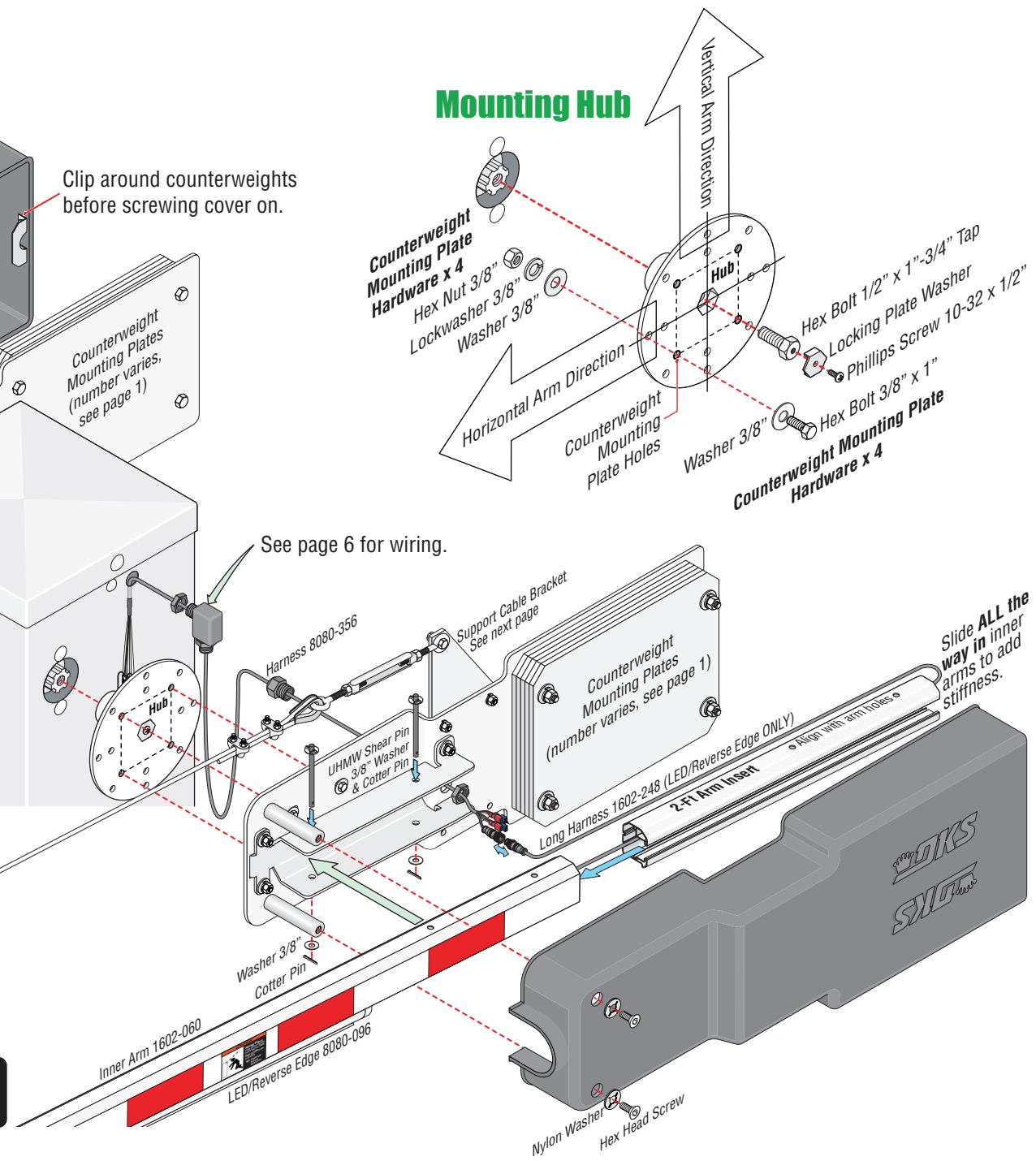
Mount hubs on operator **FIRST** Test hubs **UP** and **DOWN** positions **BEFORE** installing counterweight mounting plates, then assemble arms, cables and wire harness on LED/Reverse Edges.



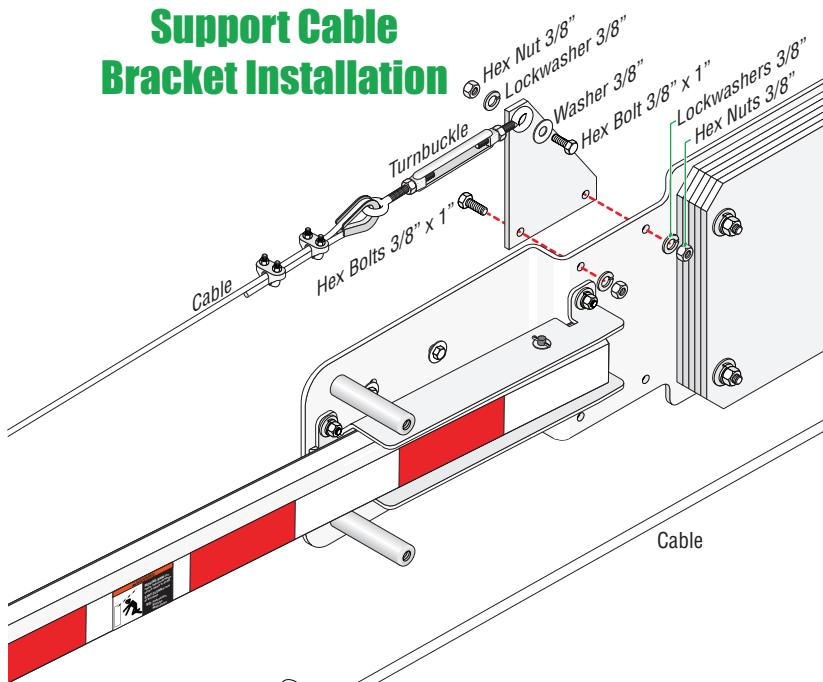
Support arms during assembly until all cables have been installed and adjusted for level.

Support Cable (See next page)

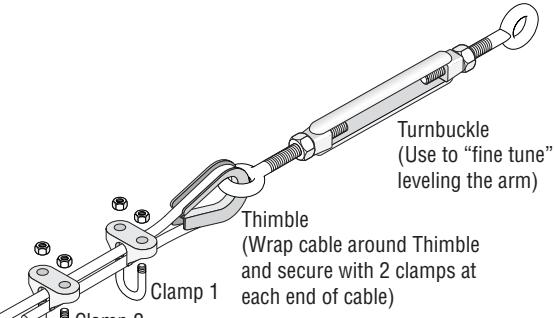
Test hub **UP** and **DOWN** position before installing arms.



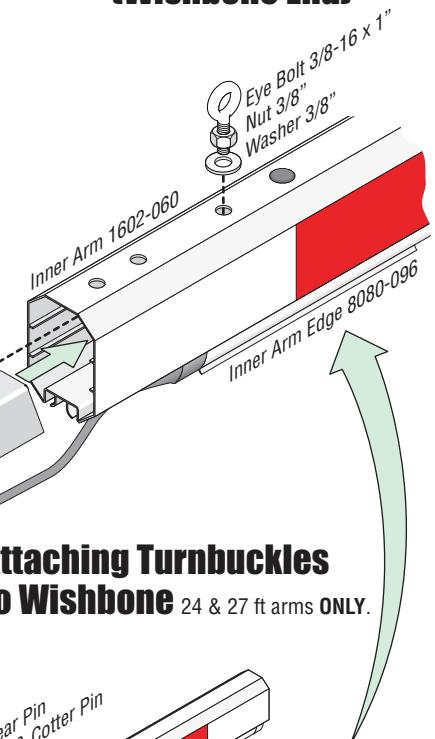
Support Cable Bracket Installation



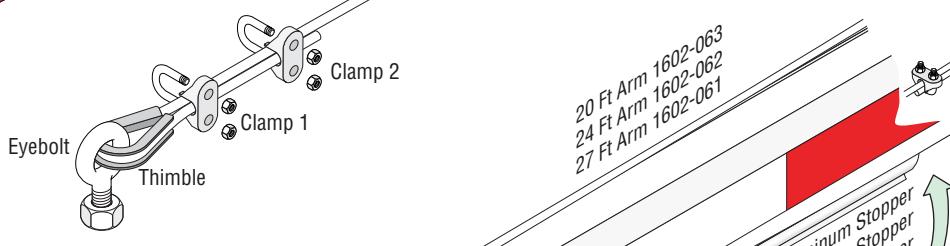
Typical Support Cable Installation



Inner Arms Assembly (Wishbone End)

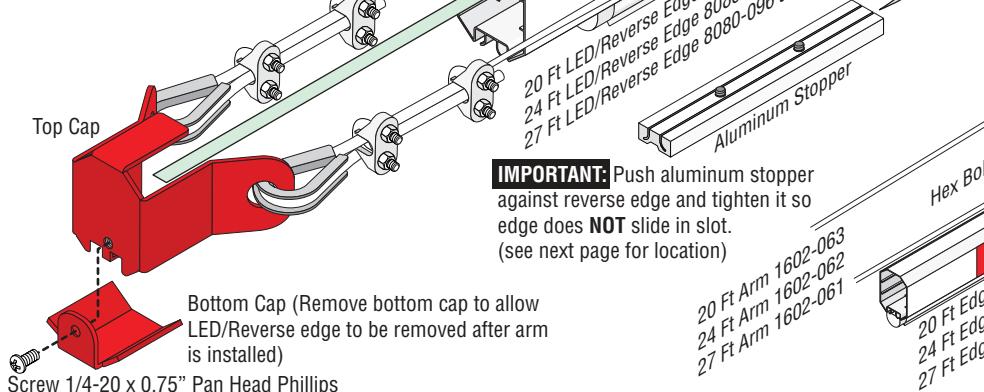


Attaching Turnbuckles to Wishbone 24 & 27 ft arms ONLY.

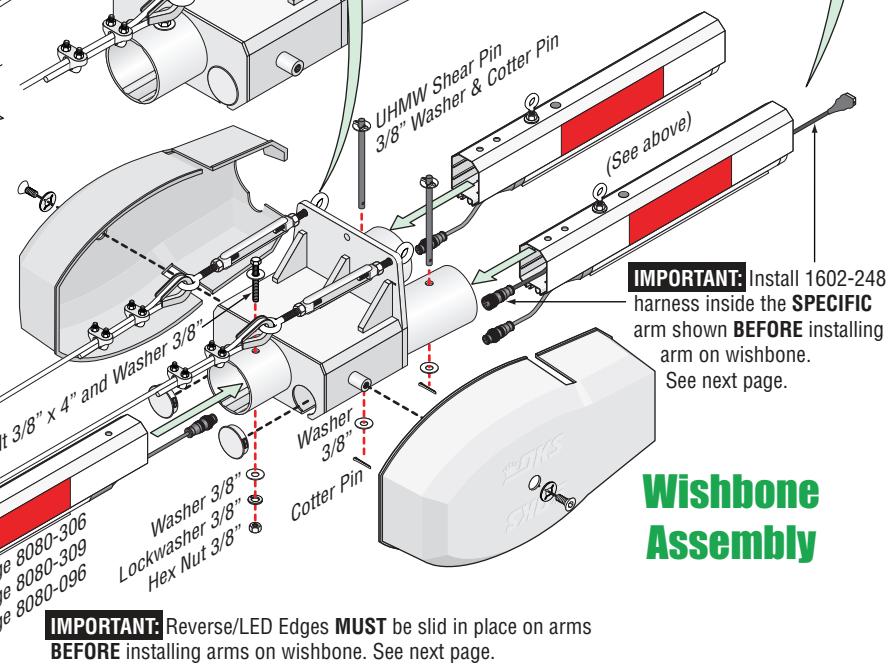


End of Arm Assembly

NOT used for the 20 ft arm.



IMPORTANT: Push aluminum stopper against reverse edge and tighten it so edge does **NOT** slide in slot.
(see next page for location)

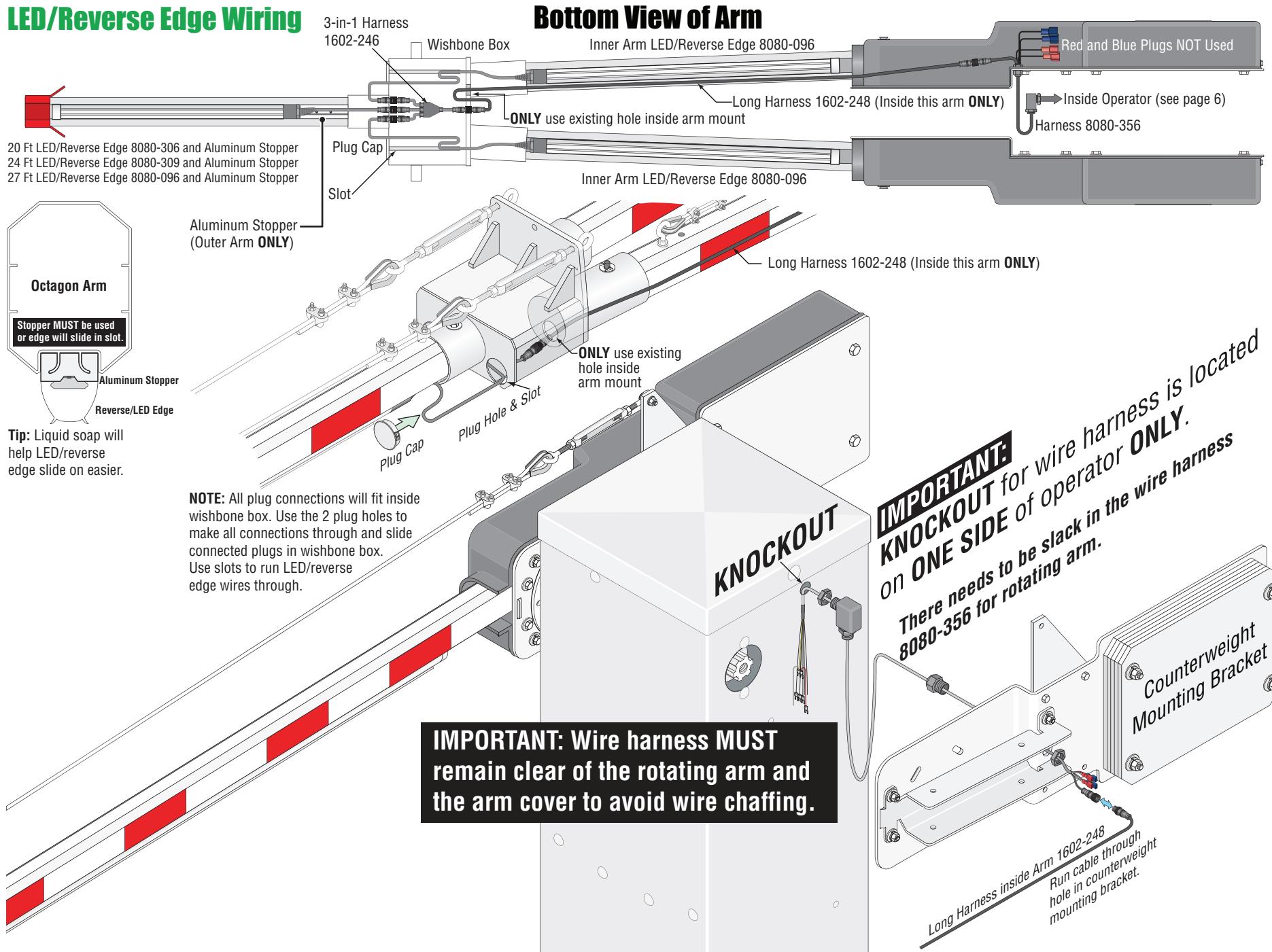


IMPORTANT: Install 1602-248 harness inside the **SPECIFIC** arm shown **BEFORE** installing arm on wishbone.
See next page.

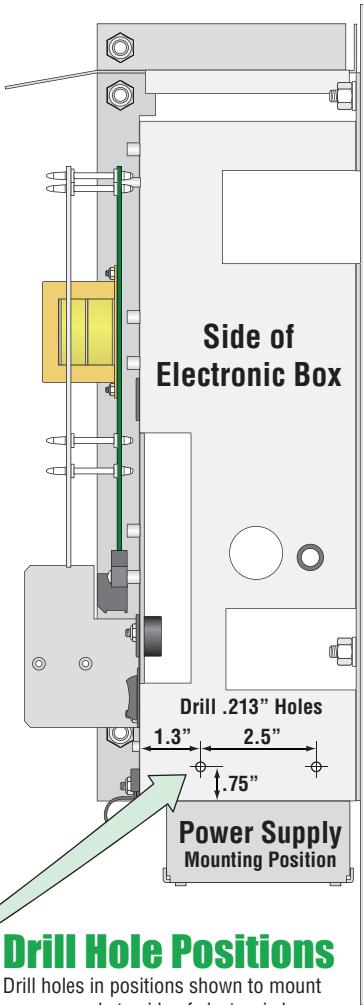
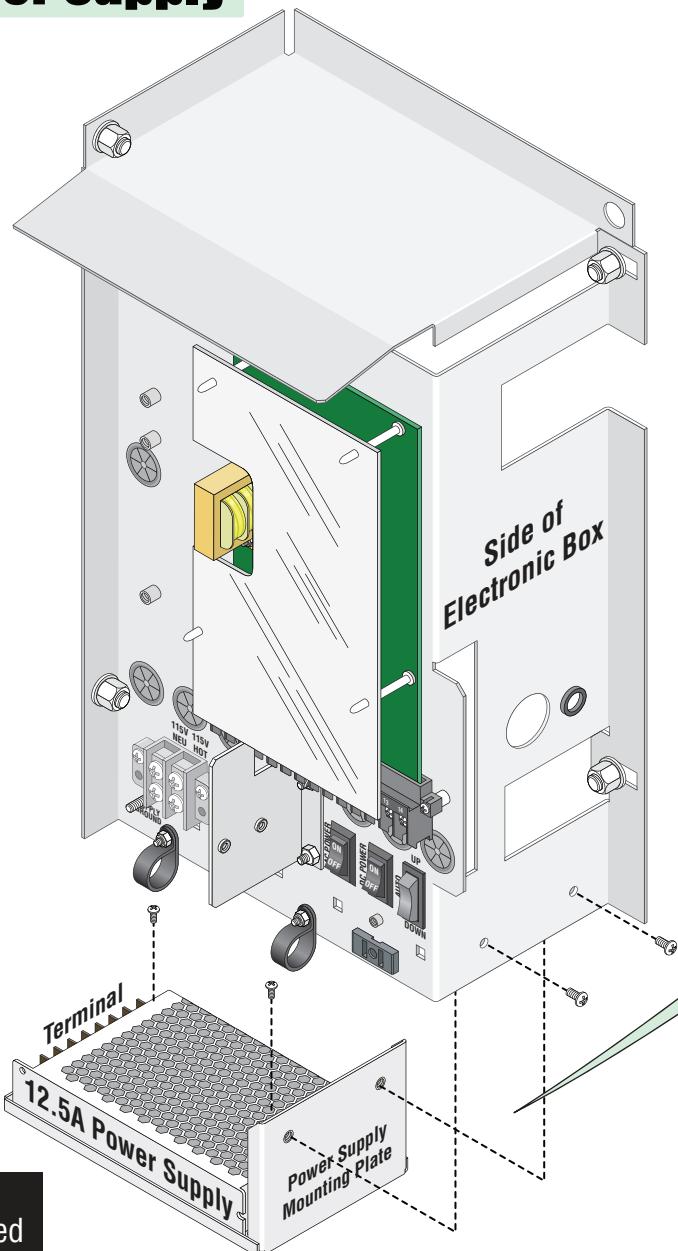
Wishbone Assembly

IMPORTANT: Reverse/LED Edges **MUST** be slid in place on arms **BEFORE** installing arms on wishbone. See next page.

LED/Reverse Edge Wiring

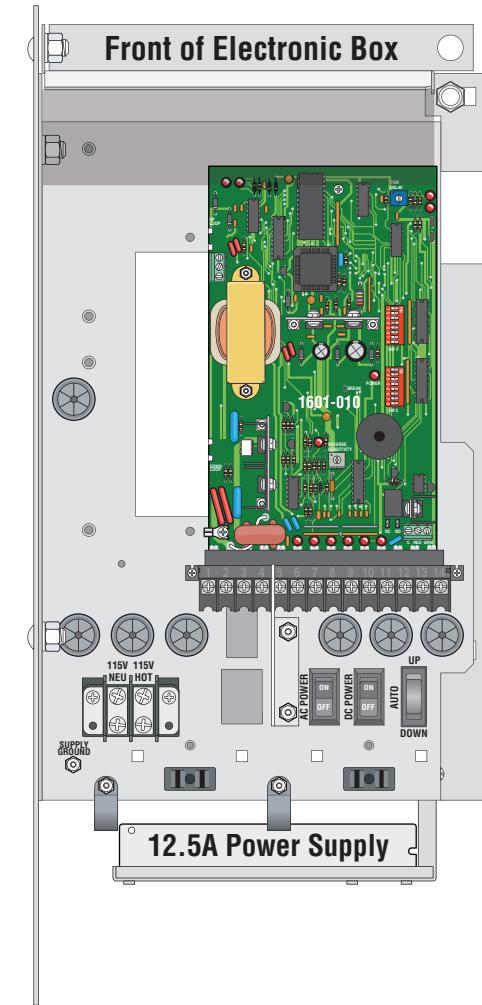


Mount Power Supply



Drill Hole Positions

Drill holes in positions shown to mount power supply to side of electronic box.

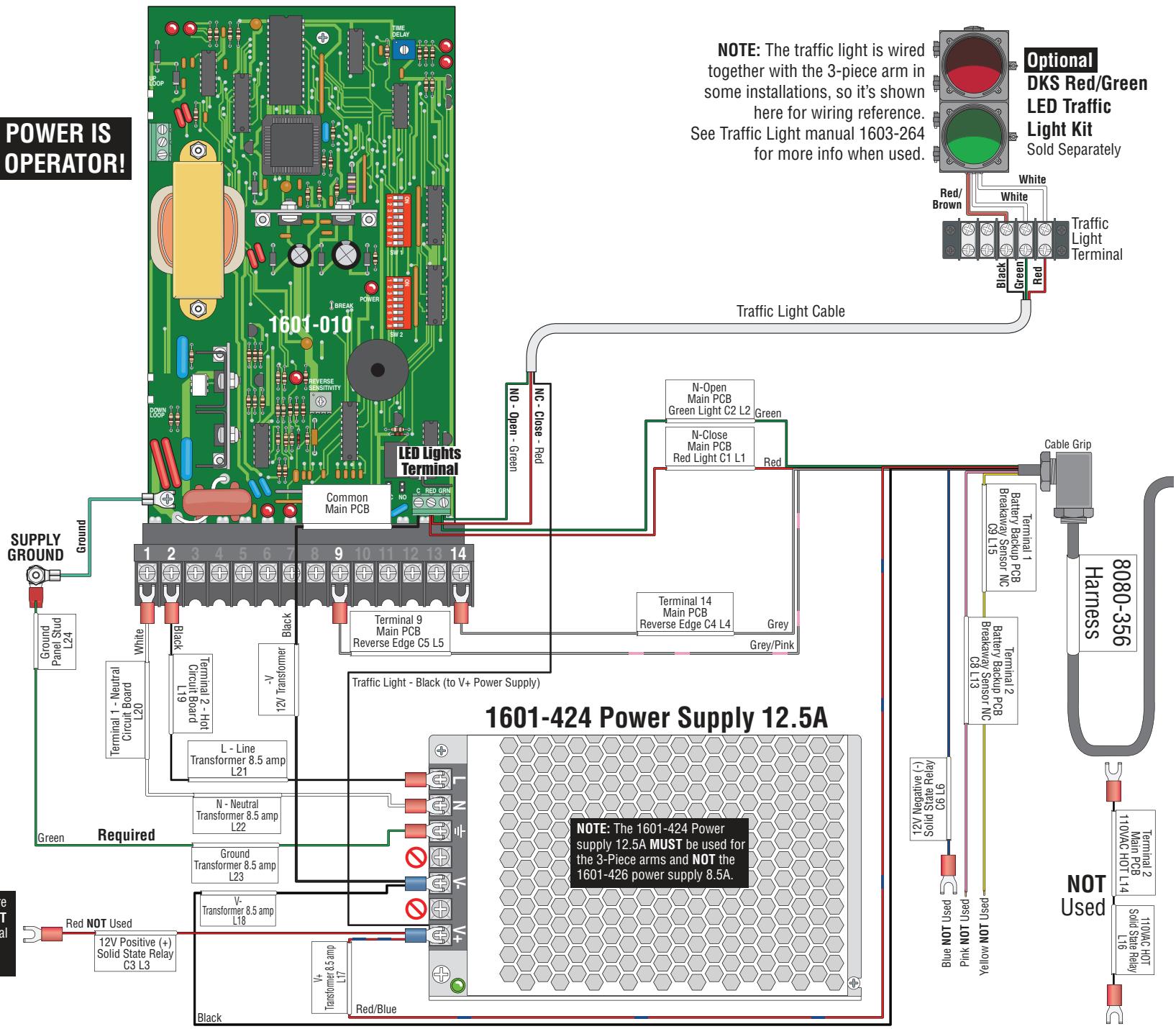


IMPORTANT: Power supply **MUST** be wired **BEFORE** mounting it as shown. See next page.

Mount Power Supply

Wiring

MAKE SURE ALL POWER IS TURNED OFF TO OPERATOR!



3-PIECE OCTAGON ARM ONLY INSTALL

These 3-Piece Arm ONLY are designed **ONLY** for the 1602 model barrier gate operator.

IMPORTANT NOTE: Installation of arms **WITH LED/Reverse Edge** kit see pages 1-6.

DoorKing Part Numbers:

1602-282

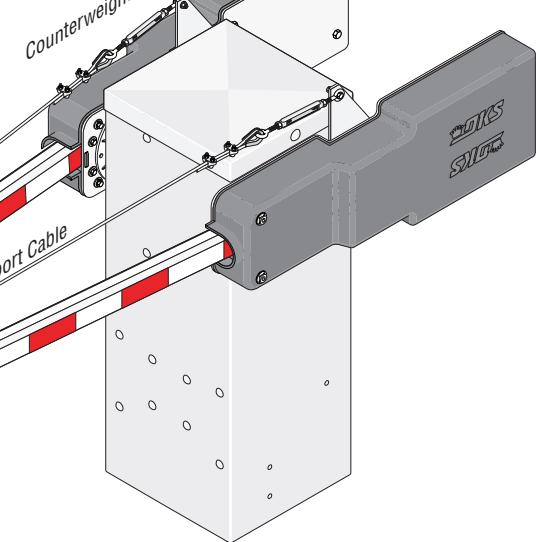
20 ft Arm Only

1602-284

24 ft Arm Only

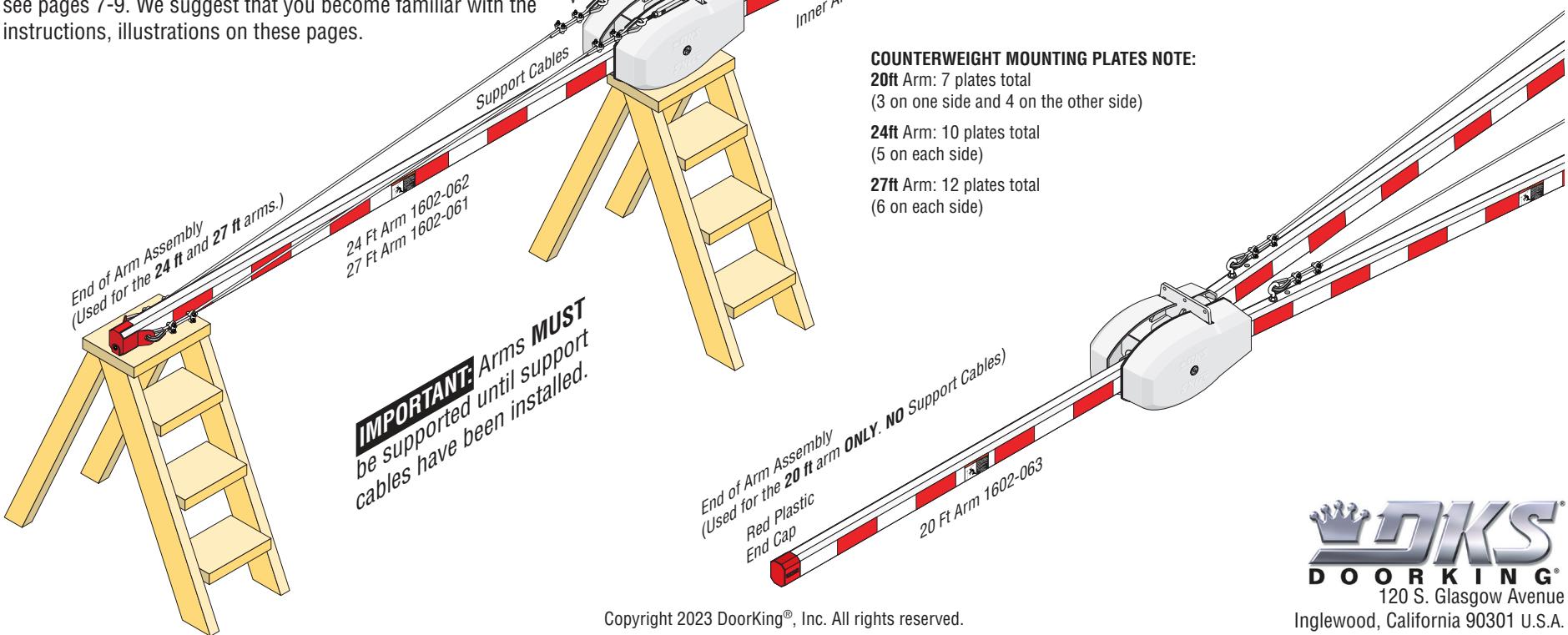
1602-287

27 ft Arm Only



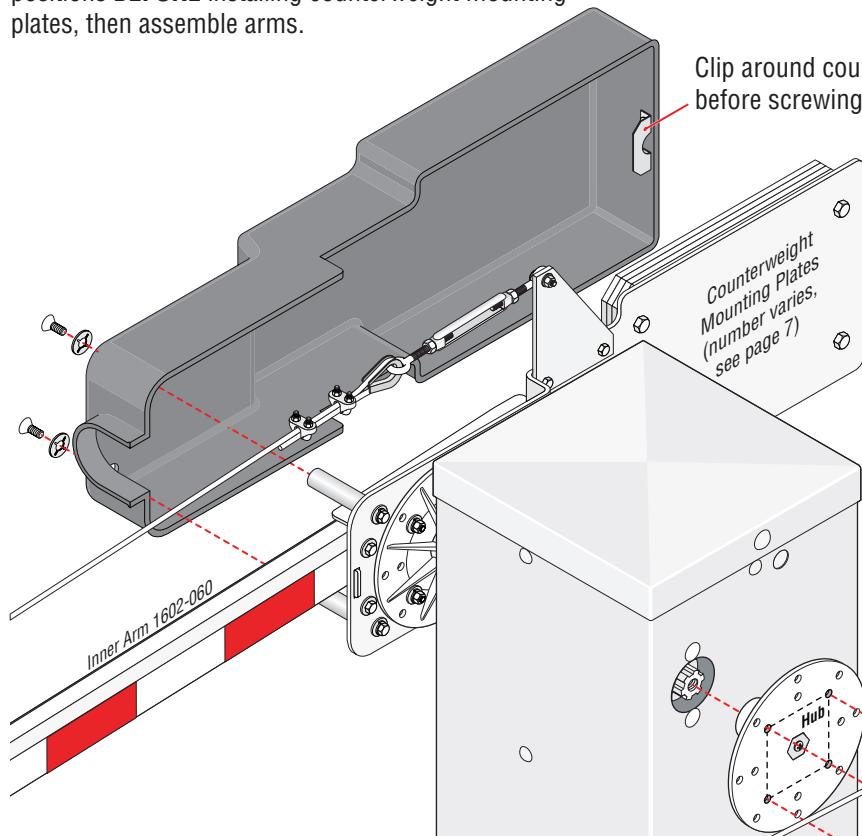
Overview of Installation

Prior to beginning the installation of the 3-piece arms **ONLY**, see pages 7-9. We suggest that you become familiar with the instructions, illustrations on these pages.

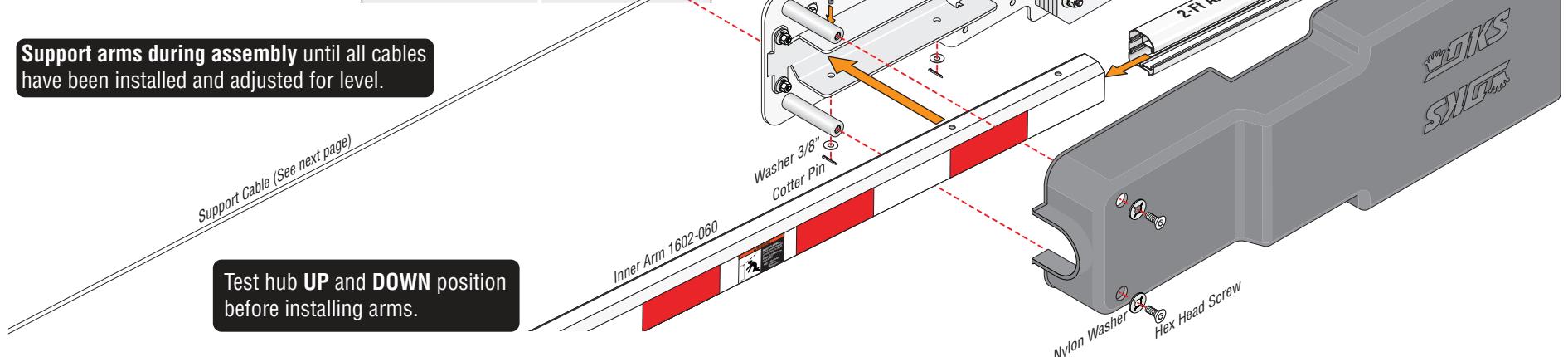


Counterweight Assembly

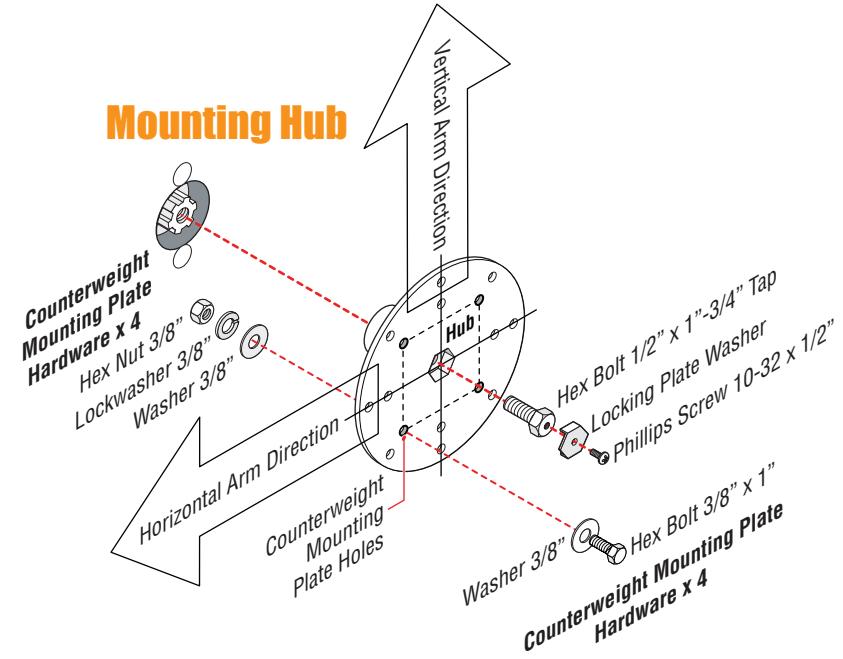
Mount hubs on operator **FIRST** Test hubs **UP** and **DOWN** positions **BEFORE** installing counterweight mounting plates, then assemble arms.



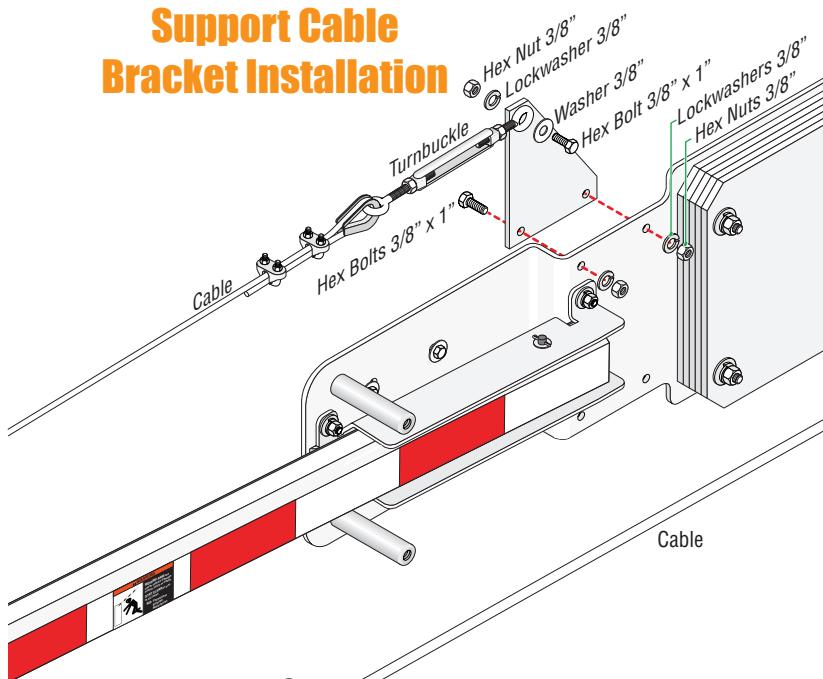
Support arms during assembly until all cables have been installed and adjusted for level.



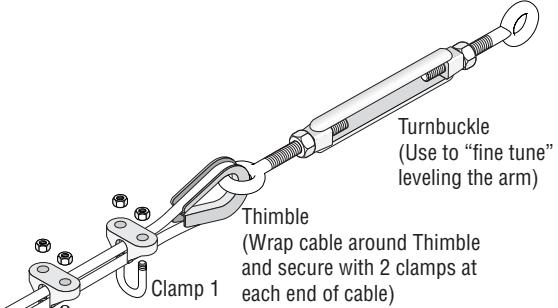
Mounting Hub



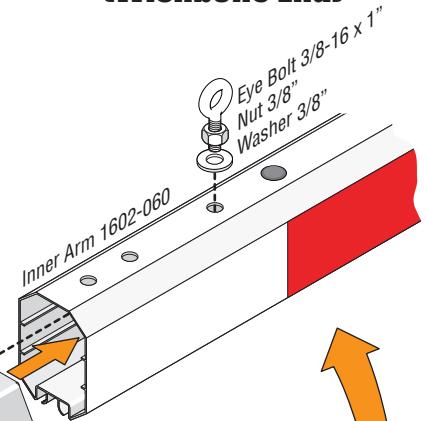
Support Cable Bracket Installation



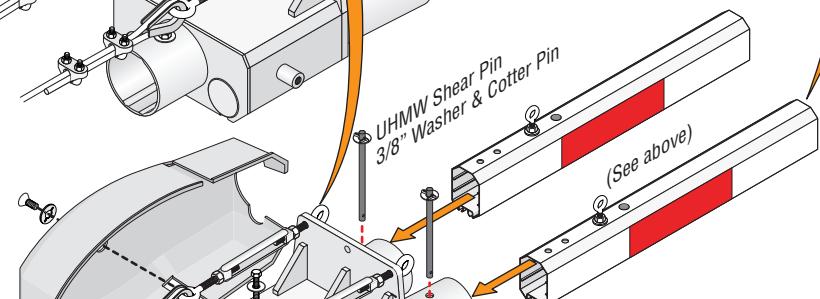
Typical Support Cable Installation



Inner Arms Assembly (Wishbone End)

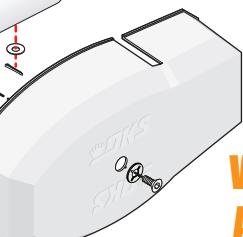
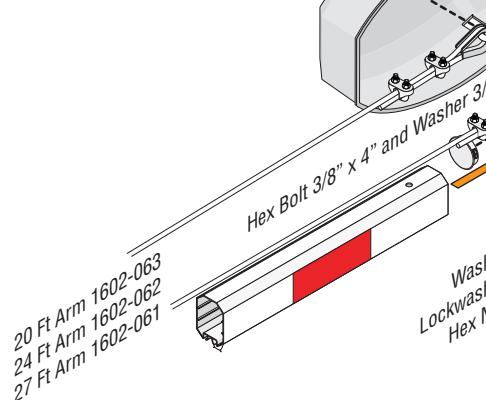
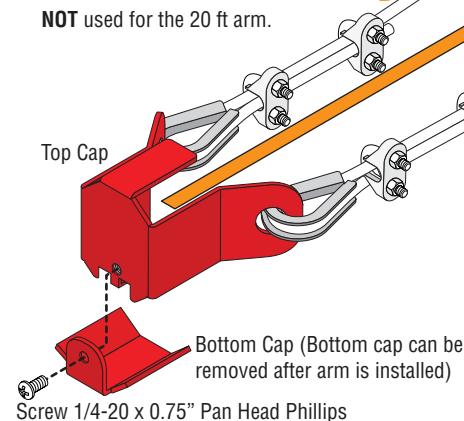


Attaching Turnbuckles to Wishbone 24 & 27 ft arms ONLY.



End of Arm Assembly

NOT used for the 20 ft arm.



Wishbone Assembly