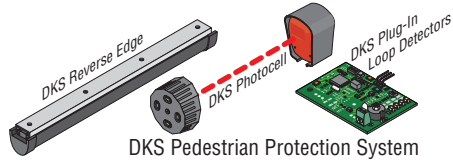


3-PIECE ROUND ARM INSTALLATION

These 3-piece round arm kits are designed **ONLY** for the **1602 model** barrier gate operator.
See 1601/1602 Installation/Owners manual (1601-065 PDF) for arm **safety protection device** information.



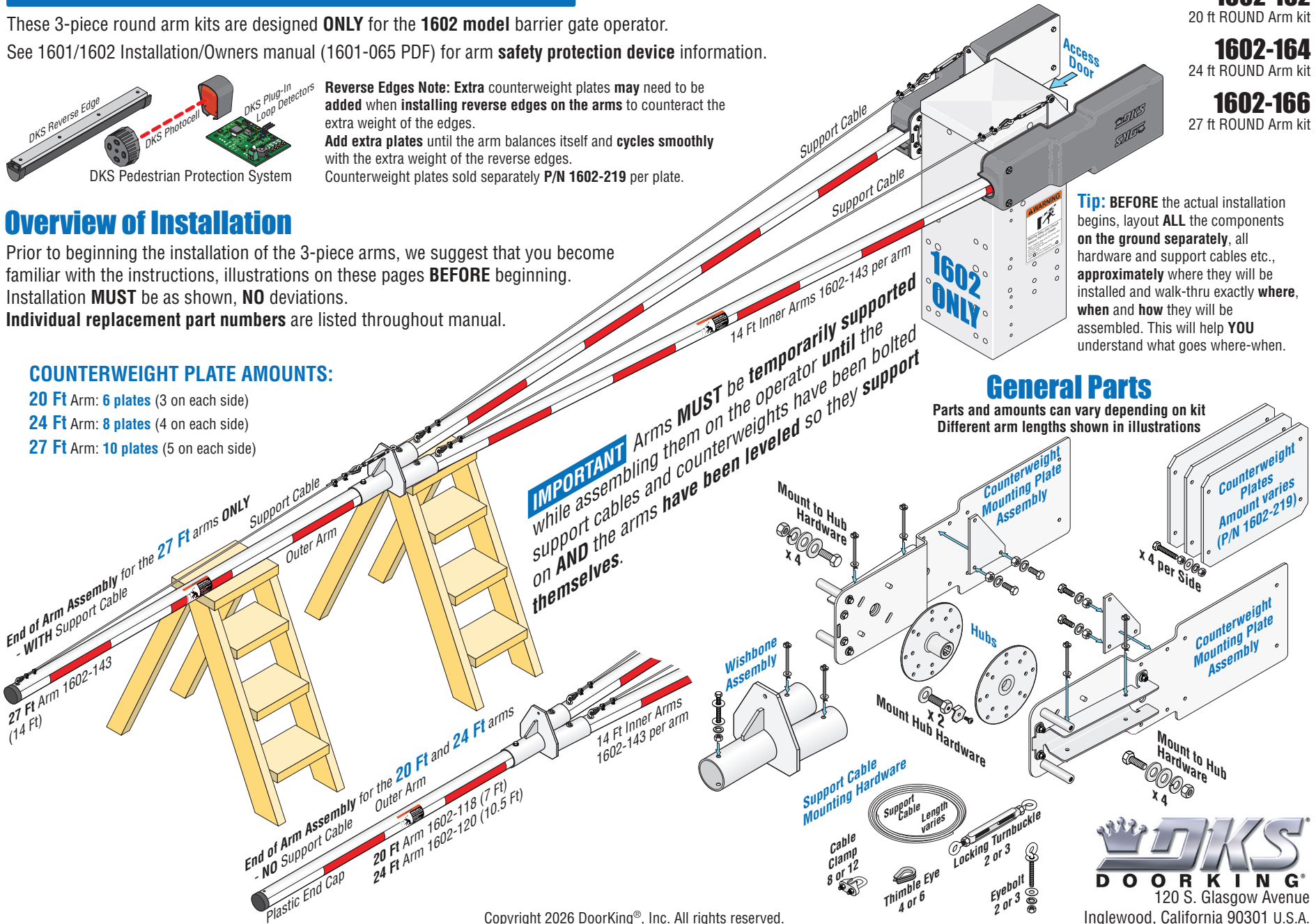
Reverse Edges Note: Extra counterweight plates may need to be added when installing reverse edges on the arms to counteract the extra weight of the edges.
Add extra plates until the arm balances itself and **cycles smoothly** with the extra weight of the reverse edges.
Counterweight plates sold separately P/N 1602-219 per plate.

Overview of Installation

Prior to beginning the installation of the 3-piece arms, we suggest that you become familiar with the instructions, illustrations on these pages **BEFORE** beginning. Installation **MUST** be as shown, **NO** deviations.
Individual replacement part numbers are listed throughout manual.

COUNTERWEIGHT PLATE AMOUNTS:

- 20 Ft Arm: **6 plates** (3 on each side)
- 24 Ft Arm: **8 plates** (4 on each side)
- 27 Ft Arm: **10 plates** (5 on each side)



General Parts

Parts and amounts can vary depending on kit
Different arm lengths shown in illustrations

Tip: **BEFORE** the actual installation begins, layout **ALL** the components on the ground separately, all hardware and support cables etc., approximately where they will be installed and walk-thru exactly where, when and how they will be assembled. This will help **YOU** understand what goes where-when.

DoorKing Part Numbers:

1602-162

20 ft ROUND Arm kit

1602-164

24 ft ROUND Arm kit

1602-166

27 ft ROUND Arm kit

General Installation Procedure

Bolt hubs on operator. Test hub **UP** and **DOWN** positions, **THEN TURN POWER OFF** to continue.

Bolt counterweight mounting plates on hubs.

Then assemble arms **ON** operator while using **TEMPORARY SUPPORT**; wishbone, support cables etc.

Then install counterweights **LAST**, adjust support cables to **LEVEL ARM BEFORE** removing temporary arm support.

IMPORTANT Test the hub's **UP** and **DOWN** positions on the operator **BEFORE** installing counterweight mounting plates.

TURN OFF POWER BEFORE INSTALLING COUNTERWEIGHT MOUNTING PLATES

