

# 608 Series

## Heavy Duty Switch Bollard

## INSTALLATION INSTRUCTIONS

### Section 1

#### General Description

The 608 Series switch bollard is designed to provide a freestanding, self-contained automatic door activation device that can be installed at any location. While numerous options are available from the factory, this manual covers installation steps for our most common versions.

### Section 2

#### Basic Installation

##### SURFACE MOUNT INSTALLATION WITH INTERNAL SHOE (see Figure 1a)

- 1) Drill concrete for two 3/8" x 3" anchor bolts provided using the mounting shoe as a template.
- 2) Place plastic rust shield provided over holes in the concrete, set mounting shoe onto the rust shield.



**NOTE:** If bollard switch is to be hardwired, pull conduit through holes in the center of the rust shield and mounting shoe. Pull electrical wires long enough to be accessible from the top of the bollard once mounted (approximately 42").

- 3) Hammer anchor bolts into holes in concrete shimming as necessary to level bollard. Securely tighten anchor bolts.
- 4) Slide bollard over mounting shoe and secure with the four 1/4"-20 x 1/2" bolts provided. Caulk around base of bollard as needed.

PROCEED TO SECTION 3-WIRING

##### SURFACE MOUNT INSTALLATION WITH EXTERNAL SHOE (see Figure 1b)

- 1) Drill concrete for four 5/16" x 2 1/2" power bolts provided using the mounting shoe as a template.
- 2) Place plastic rust shield provided over holes in the concrete, set bollard onto the rust shield.



**NOTE:** If bollard switch is to be hardwired, pull conduit through holes in the center of the rust shield and mounting shoe. Pull electrical wires to top of bollard so they are accessible.

- 3) Hammer power bolts into holes in concrete shimming as necessary to level bollard. Securely tighten power bolts.
- 4) Caulk around base of bollard as needed.

PROCEED TO SECTION 3-WIRING

##### IN-GROUND MOUNT INSTALLATION (see Figure 1c)

- 1) Core a 3" diameter hole in the concrete 12" deep. If no concrete exists, dig a hole 12" deep.
- 2) Secure the in-ground mounting shoe to the bollard with the four 1/4"-20 x 1/2" bolts provided.
- 3) Place the entire bollard assembly into prepared hole.



**NOTE:** If bollard switch is to be hardwired, pull conduit through hole in the center of the mounting shoe. Pull electrical wires to top of bollard so they are accessible.

- 4) Pour concrete into hole.
- 5) Push bollard further into the hole until base is at proper height.
- 6) Level and brace bollard.
- 7) Once all concrete has cured, caulk around base of bollard as needed.

PROCEED TO SECTION 3-WIRING

### SURFACE MOUNT INSTALLATION

FIGURE 1a

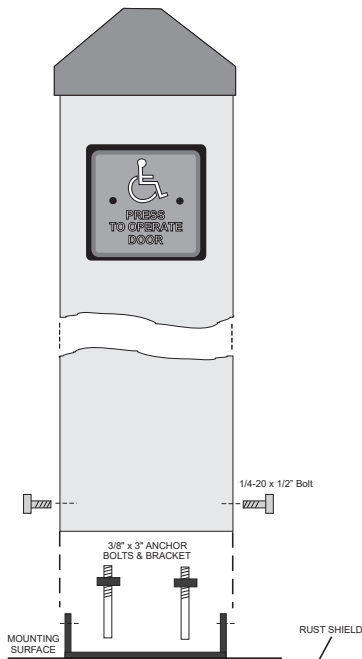
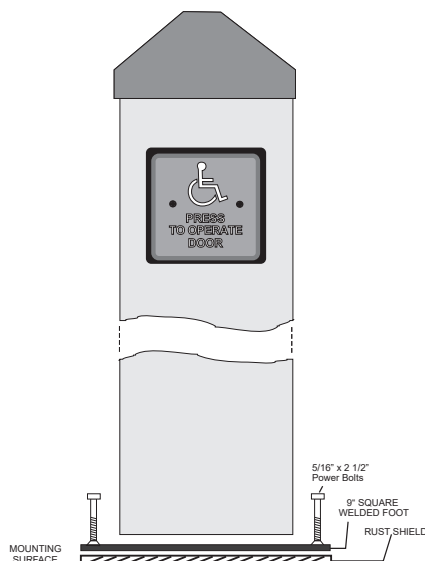
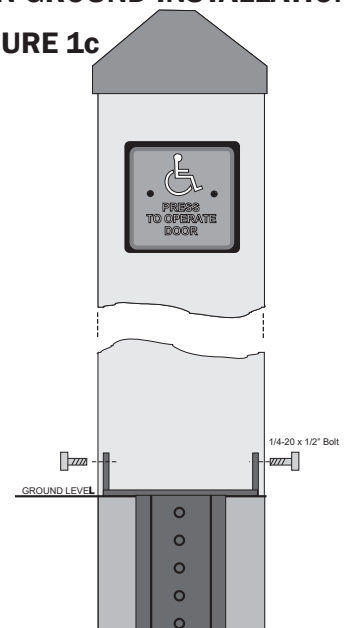


FIGURE 1b



### IN GROUND INSTALLATION

FIGURE 1c



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## INSTALLATION INSTRUCTIONS

### Section 3

#### Wiring

##### HARDWIRED

- 1) Connect the two signal wires to the appropriate contacts on the switch. (Standard connections are COM and N.O.)
- 2) Set the cap platform (provided) in the top of the switch bollard aligned with the mounting holes.
- 3) Install the cap and fasten with the two 1/4-20 screws provided.



**NOTE:** Two signal wires are required per switch on vestibule models.



##### RADIO CONTROL (WIRELESS)

When one of the ClearPath Transmitter or ClearPath Spectrum Transceiver options are ordered from the factory, the 608 Bollard will come complete with all the necessary Transmitter/Transceiver components installed in the integrated Cap assembly that attaches to it and programming instructions. The ClearPath Receiver (CP/RX) or ClearPath Spectrum Coordinator (S-COR) must be ordered separately.

