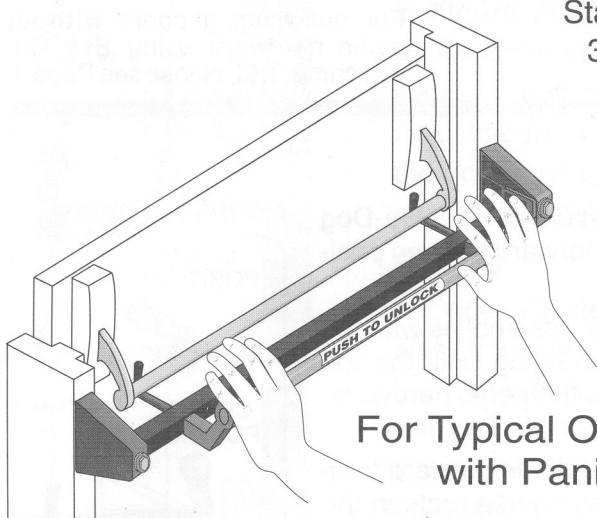
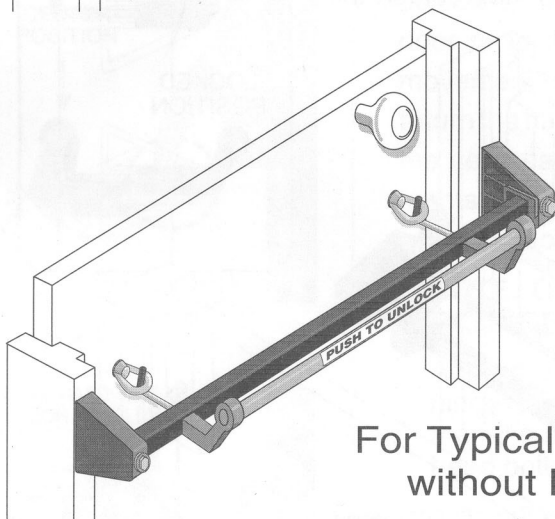


Installation Instructions

Standard Door Openings
36" • 42" • 48" Widths



For Typical Outswinging Door
with Panic Hardware



For Typical Outswinging Door
without Panic Hardware

Ultra-Dog[®]

1280 South Williams Drive
P.O. Box 814
Columbia City, Indiana 46725

FIGURE 3

CENTER
POSITION

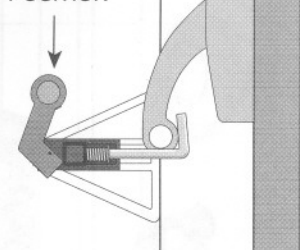
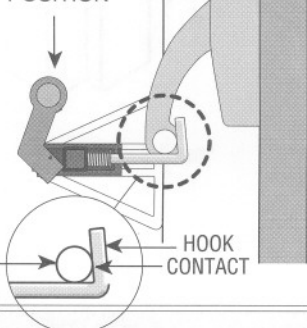


FIGURE 4

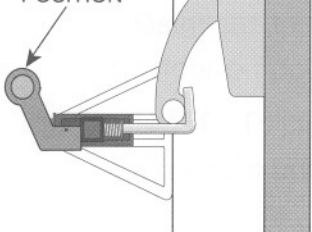
CENTER
POSITION



PANIC HARDWARE
(DOOR HANDLE)

FIGURE 5

LOCKED
POSITION



STEP 4

Supporting the Ultra-Dog, adjust the hex head bolts using a $\frac{9}{16}$ -inch wrench (illustrated in **Figure 2**) until the inside surface of the hooks come in contact with the panic hardware (or eye nuts). See **Figure 3**. **NOTE:** Adjustment in a clockwise direction will retract the hooks; counterclockwise adjustment will extend the hooks.

STEP 5

Once adjusted, pull the handle outward away from the door so that the handle rests in the locked position. See **Figure 5**. This action will pull the door against the door frame, locking the Ultra-Dog in place. When properly adjusted, there should be no movement in the door or in the Ultra-Dog security device. If movement exists, support the Ultra-Dog and return the handle to the center position. Adjust the hex head bolts clockwise in small increments and return the handle to the locked position each time until no movement exists.

NOTE: OVER-ADJUSTMENT COULD DAMAGE THE PANIC HARDWARE.

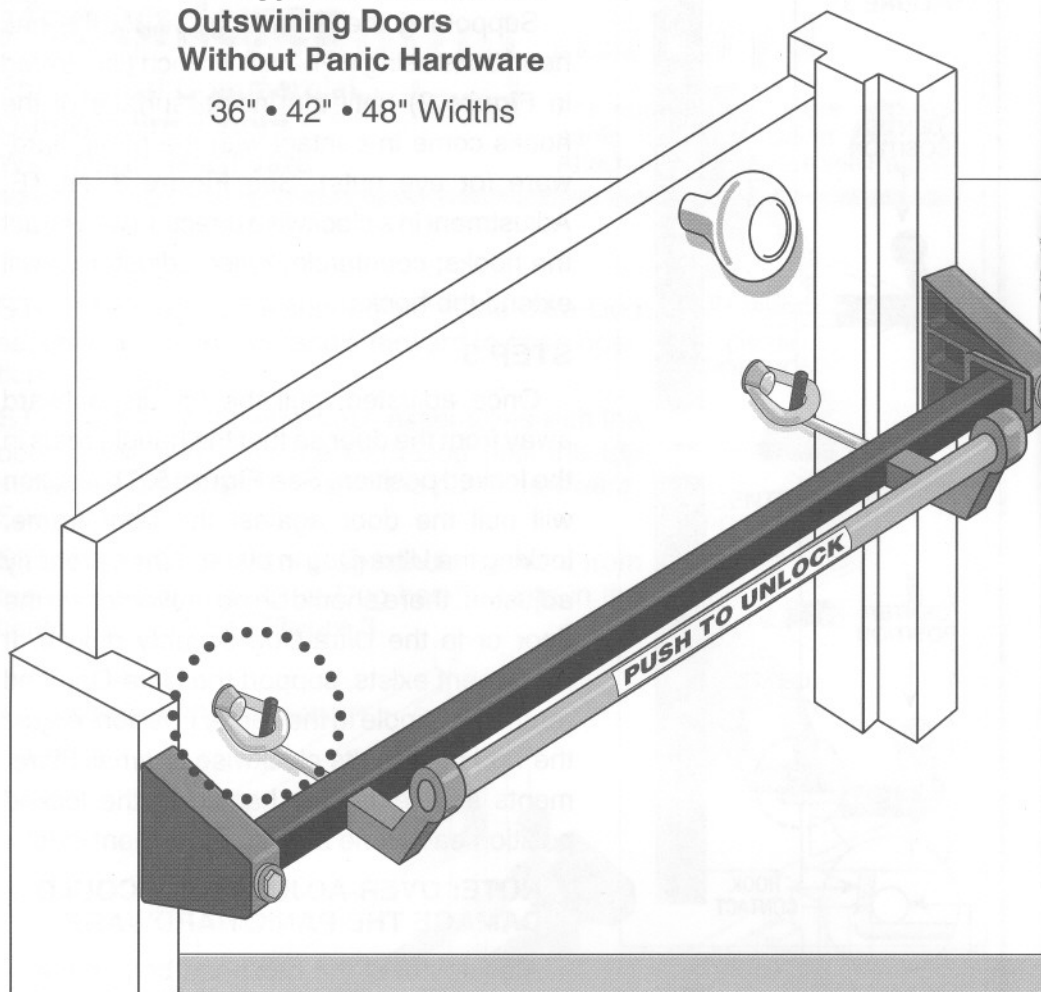
Adjustment of the hex head bolt on the hinge side of the door should be less than the adjustment required to the hex head bolt on the latch side of the door.

Proper adjustment is achieved when:

- (A) in the locked position there is no movement in the door or in the Ultra-Dog security device and
- (B) in the unlocked position the Ultra-Dog security device should completely release and fall free.

**For Typical Commercial
Outswinging Doors
Without Panic Hardware**

36" • 42" • 48" Widths



TOOLS REQUIRED

- Tape Measure
- Framing Square or Straight Edge
- Pencil
- Electric Drill
- 1/8-Inch (.125) Drill Bit
- 3/8-Inch (.375) Drill Bit
- Large Screwdriver

Eye Nut Installation Instructions

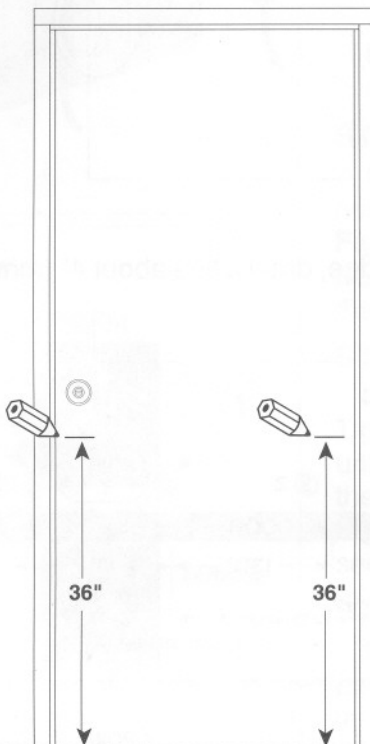


FIGURE 1

The following procedures will help you properly center and align the Ultra-Dog security device to your door.

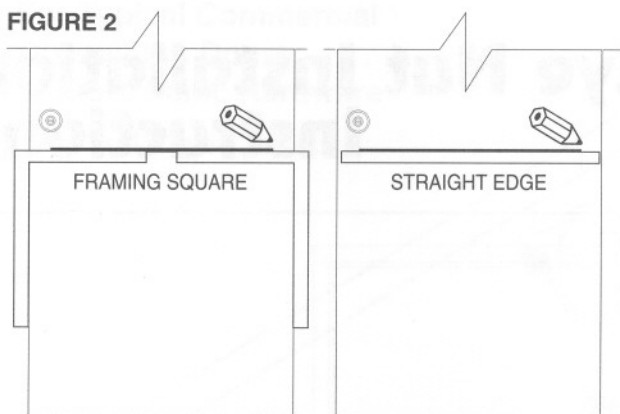
STEP 1: Setting Vertical Height

Using the tape measure and pencil, put a mark 36" from the floor on both edges of the door. See **Figure 1**.

NOTE: To clear any existing door hardware this dimension can be adjusted as high as 44" but no less than 30".

EYE NUT INSTALLATION (Continued)

FIGURE 2



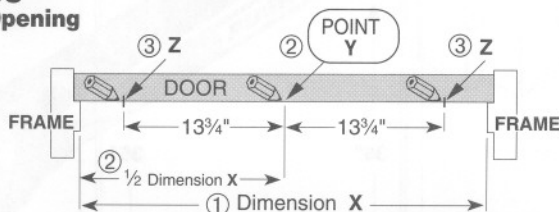
STEP 2: Squaring

Using a framing square or straight edge, draw a line about 4" from both sides of the door (Figure 2).

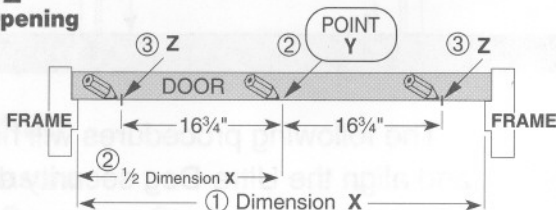
STEP 3: Setting Horizontal Spacing

- ① Find the center of the door by measuring the distance between the sides of the door frame with the door closed (Dimension **X** in Figure 3).
- ② Measure half of dimension **X** from one side of the door frame and make a center mark on the door (Point **Y** in Figure 3).
- ③ From point **Y** measure in both directions $13\frac{3}{4}"$ ($16\frac{3}{4}"$, $19\frac{3}{4}"$). Make a vertical mark on the door crossing the lines made in Step 1 (Points **Z** in Figures 3 and 4).

FIGURE 3
36"
Opening



42"
Opening



48"
Opening

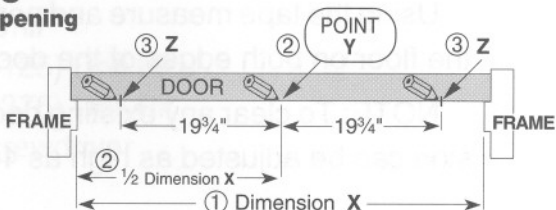
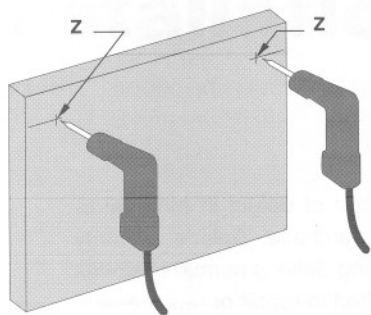


FIGURE 4



STEP 4: Drilling

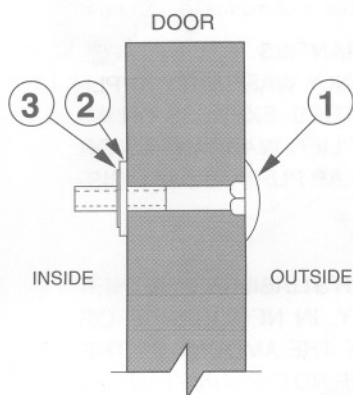
Using an electric drill and a $\frac{1}{8}$ -inch drill bit, drill through the door at points **Z**. See **Figure 4**. Replace the $\frac{1}{8}$ -inch drill bit with a $\frac{3}{8}$ -inch drill bit and drill through the door at points **Z**.

NOTE: If installing on hollow metal door, the door can be “stiffened” using standard hardware foam (expanding foam filler) in the holes drilled. Follow manufacturer’s instructions.

STEP 5: Assembly

Insert the STEP BOLT ① into the $\frac{3}{8}$ -inch hole from the outside of the door. See **Figure 5**. Slide FLAT WASHER ② and BELLEVILLE WASHER ③ over step bolt on the inside of the door.

FIGURE 5



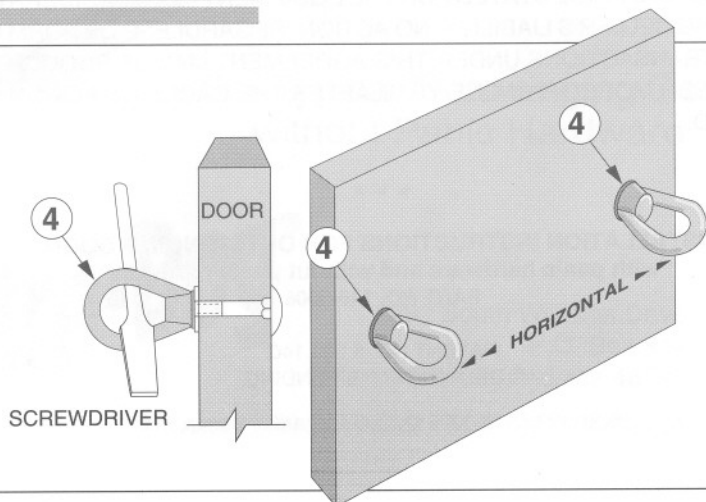
STEP 6: Securing

Screw the EYE NUT ④ onto the step bolt. Tighten eye nut, using a large screwdriver until the step bolt is flush with the door and the eye nut is in horizontal position. See **Figure 6**. Repeat Steps 5 and 6 for the second eye nut.

STEP 7: Adjusting

Now...refer to Adjustment Procedures on pages 2 and 3 to adjust the Ultra-Dog hooks in relation to the eye nuts.

FIGURE 6





LIMITED WARRANTY

Seller warrants this Ultra-Dog product to be free of defect in material or workmanship for a period of five years from original purchase. Seller's warranty obligation is limited to providing remedial services during Seller's normal business hours and days during the warranty period, and is limited to repair or replacement of the Ultra-Dog, at its option. To exercise the warranty herein set forth, Purchaser shall promptly return the Ultra-Dog claimed to be defective in material or workmanship to Seller's facilities within the period of warranty, transportation charges prepaid. If examination of Ultra-Dog by Seller determines that it is defective in material or workmanship, Seller, at its option, shall repair or replace same within twenty (20) days, which remedy shall be Purchaser's sole and exclusive remedy.

DISCLAIMER OF UNSTATED WARRANTIES

THE WARRANTY PRINTED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PURCHASE. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

LIMITATION OF LIABILITY

IT IS UNDERSTOOD AND AGREED THAT SELLER'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY, IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY PURCHASER AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY. NO ACTION, REGARDLESS OF FORM OUT OF THE TRANSACTIONS UNDER THIS AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS ACCRUED.

■ ■ ■

INSTALLATION INSTRUCTIONS FOR OUTSWINGING DOOR with panic hardware and without panic hardware PART NO. 146-0006

PATENT NO. 5,364,140
OTHER PATENTS PENDING

05.31.1995 146-0006 © 1995 Richard J. Bagan, Inc.