

SECURITRON MODEL Z-32, Z-62, Z-82 BRACKET INSTALLATION INSTRUCTIONS

1. DESCRIPTION

Securitron's Z-Bracket is used for installation of an **"F" series Magnalock (face mounted)** on an in-swinging door. Separate versions are available for the 32, 62 and 82 series Magnalocks. The mounting procedures are identical with only the dimensions of the lock and bracket changing. If the **suffix "M"** is found in the part number, the bracket is delivered with metric fasteners.

2. INSTALLATION OF THE Z-BRACKET ON THE DOOR

The installation must be **planned before you start drilling**. The bracket must first be positioned on the door. **NOTE:** The face of the door **MUST** be flush with face of the header. If door is not flush with frame, then Securitron's ZA-Bracket may be required. Referring to the drawing on the opposite side, select a position that takes into account how the Magnalock must be positioned above the door. Note that the bracket cover is a little wider than the Magnalock which permits an attractive installation as the magnet and Z-Bracket are completely concealed by the cover. The vertical position of the bracket can vary on the door in case, for instance, the sex bolt head would interfere with the door stop. It is, of course, possible to lower the sex bolt location by drilling a lower hole in the bracket. **Note also that the top part of the bracket is not pre-drilled to accept the strike or roll pins** as the vertical position of the strike on the bracket depends where the Magnalock can be mounted. There may be a header molding which must be cleared or in wall fastening considerations that affect Magnalock positioning. The strike can be mounted so its top edge is higher than the bracket top. This is **why the bracket cover is open on the top**.

The Z-Bracket is then affixed to the door using the three pre-drilled holes and the hardware supplied as shown in the drawing **NOTE:** the three pre-drilled holes act as its own template. Note that the real mounting strength of the bracket on the door comes from the cap screw into the sex bolt. The hex sheet metal screws are for anti-rotation. This fastener kit will function **equally well on wood or hollow metal doors**.

3. MOUNTING THE STRIKE PLATE TO THE Z-BRACKET

Holes must be drilled in the Z-Bracket to mount the strike plate to it. The template furnished with the strike plate is appropriate for drilling these holes in the Z-Bracket. Note that the plastic bushings that surround the steel roll pins will protrude through the Z-Bracket making it impossible to mount the cover. They can be cut with a hacksaw or omitted. In mounting the strike, use of 2 rubber washers will allow the strike to correctly meet the magnet face, assuming the door is parallel with the wall when it's closed. If this is not the case, some adjustment is built into the fasteners supplied. An extra rubber washer (a third one) comes with each Magnalock. A fourth one is supplied with the Z-Bracket. These rubber washers can space the strike farther from the bracket to compensate for a door that doesn't close flush with the header. Note also that 2 sets of roll pins are supplied. Use the 3/4" roll pins to attain correct spacing with 2 rubber washers. Use the 1" roll pins to attain correct spacing with 4 rubber washers. If greater adjustment is required, shims can be added either to the back of the Magnalock or to appropriate parts of the Z-Bracket.

The cover is then affixed to the Z-Bracket with the open side facing up and secured by the double stick tape. If a header molding strikes the cover interfering with the door closing, the cover may be mounted lower on the bracket.

THE M62F AND M82FB INCLUDE FIVE (5) MOUNTING HOLES FOR FLEXIBILITY

