Z-Bracket Installation Instructions for MM15 Series

MM15 MAG

Step 1: Mount Z-Bracket

1. Assemble the armature per the Maglock instructions and secure to the Z-Bracket using the shoulder screw.

2. You will need 2 or 3 spring washers to secure the armature. Stack them as shown in the inset figure. The armature should be tight but when one side is pushed, it should move and be able to contact the Z-Bracket.

3. Adjust the Z-Brackets to be square and lightly secure the 1/4-20 hex head screws and nuts to keep the two halves of the Z-Bracket sliding freely.

4. With the door fully closed, locate the Z-Bracket assembly flush with the top of the door and mark the two hole locations. Check for interferences and relocate if necessary.
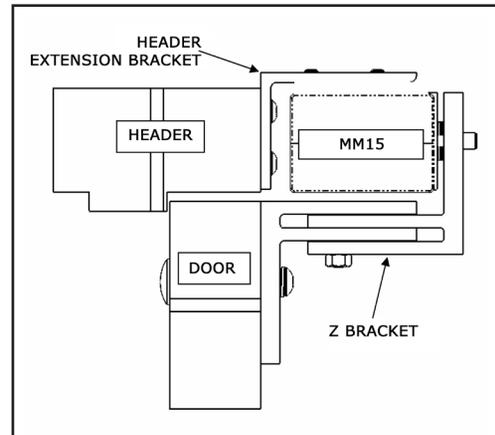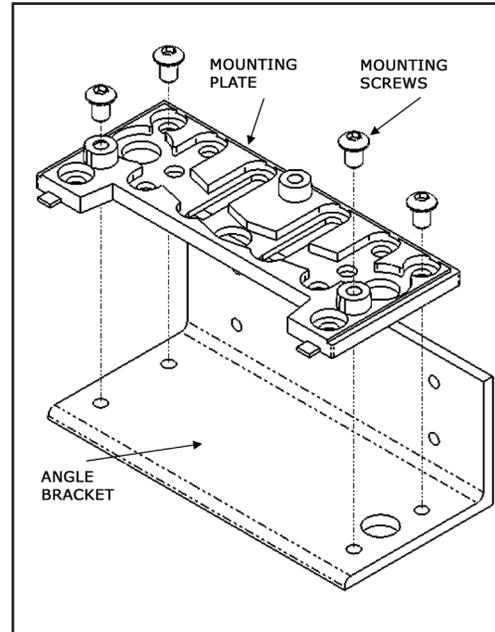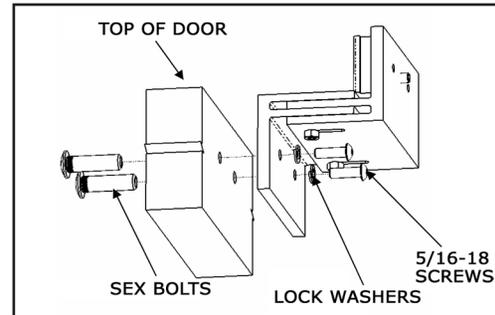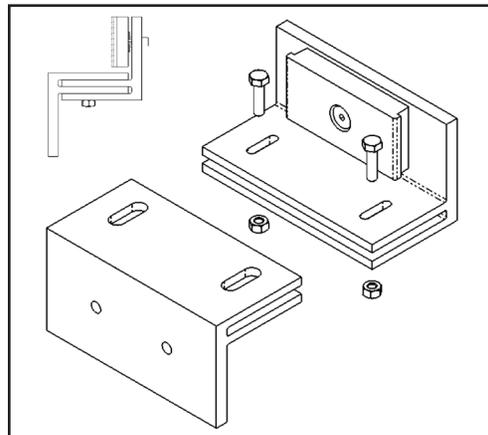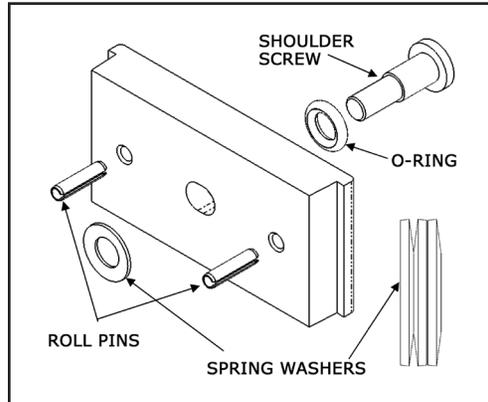
5. For Metal Doors: Locate the marked holes. Center punch and drill two 3/8" holes through the door. Enlarge the holes from the outside face to 1/2". For Wood Doors: Drill two 1/2" holes through door.

6. Insert Sex Bolt from the outside door face.

7. Fasten the Z-Bracket to the door using two 5/16-18 socket button head screws & lock washers to the sex bolt with a 1/4" hex wrench.

Step 2: Mount Angle Bracket

1. Locate the mounting plate to the z holes in the angle bracket and secure with four button head screws furnished with MM15 hardware pack.

SHOULDER SCREW

O-RING

ROLL PINS

SPRING WASHERS

TOP OF DOOR

SEX BOLTS

LOCK WASHERS

5/16-18 SCREWS

MOUNTING PLATE

MOUNTING SCREWS

ANGLE BRACKET

HEADER EXTENSION BRACKET

HEADER

MM15

DOOR

Z BRACKET

2. Place a 1/4" spacer on the Z-Bracket and then place the MM15 on top of that with the armature engaged with the MM15.

3. Place the angle bracket assembly on the MM15 Maglock.

4. Locate the angle bracket to the header. The bottom edge of the MM15 should be aligned with the bottom edge of the header. Mark position of angle bracket on header. Remove angle bracket, MM15 and 1/4" spacer.

5. Relocate the angle bracket on the header and mark the four hole locations on the wall. Drill four 3/8" holes and install four 1/4-20 blind nuts.

6. Secure the angle bracket to the header.

Step 3: Mount MM15

(**See MM15 Maglock instructions for complete installation details**)

1. Remove cover from the MM15.

2. Secure the MM15 Maglock to the mounting plate with the three cap screws, feed the wiring through the mounting plate and angle bracket, or when using conduit option, through the conduit.

3. Connect wires to appropriate switching device (such as key pad, card reader or switch) and power supply.

4. Replace the MM15 Maglock cover by aligning it with the tapped holes and pushing it up until the lip snaps into place.

5. Fasten cover with the two #6-32x1/4" flat head screws furnished with MM15 hardware pack.

SECURITRON®

ASSA ABLOY

SECURITRON MAGNALOCK CORP.
1-800-MAGLOCK
www.securitron.com

MM15-02 Rev. C