

SECURITRON CONCRETE WOOD HEADER BRACKET MODELS CWB-32, CWB-62 AND CWB-82 INSTALLATION INSTRUCTIONS

1. PRODUCT DESCRIPTION

The **CWB** is a 1/2" [12.7mm] thick anodized aluminum concrete wood header bracket with three (3) individual designs for each of the Models M32, M62 or M82 Magnalocks. Installations that contain wood door type frames, steel frames and/or steel concrete filled header frames may require this type of special spacer/structural bracket. The purpose of the CWB concrete wood header bracket is to improve frame mounting strength, Magnalock/Strike clearances, alignments and ease of the installation. The brackets are available for all standard mount M32, M62 and M82 Magnalocks models.

2. PRODUCT OVERVIEW

All three (3) CWB, concrete wood header bracket, models are available separately in both clear anodized or black anodized finish. The illustration below in **Figure 1** indicates the three concrete wood header bracket model types available. Along with these instructions, each model type contains one (1) model type bracket and the individually related model type hardware pack. Upon unpacking these products, an inventory should be made to ensure that the required bracket and hardware have been included.

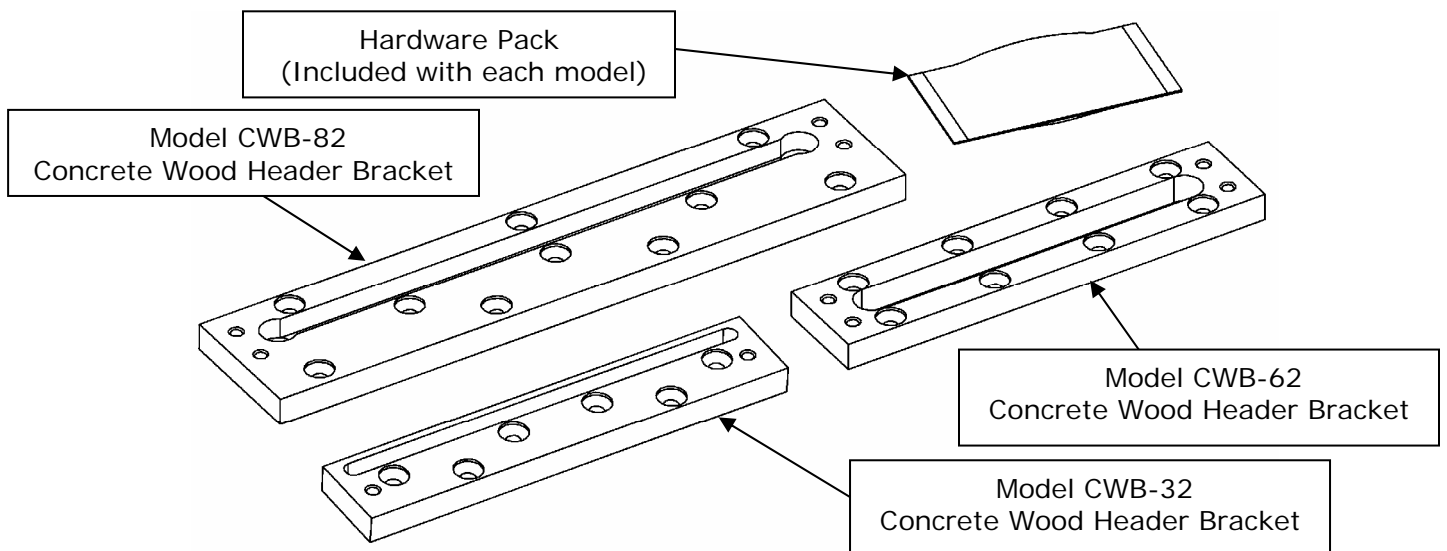


Figure 1

3. RECOMMENDED TOOLS

Power Drill
 Center Punch
 1/2" Wrench or Adjustable
 3/16" Hex Wrench

Drill Bit: 3/16" [4.8mm]
 Drill Bit: 7/32" [5.5mm]
 Phillips Screw Driver #2 or #3

4. WOOD FRAME MAGNALOCK MOUNTING

Mounting the CWB, concrete wood header bracket, onto a wood frame header requires the use of the #14 x 4" long wood screws provided. **Figure 2** illustrates a visual concept of the parts that will be applied to secure the CWB, concrete wood header bracket, in an M62 Magnalock installation. The wood screws mount through the door frame and extend into the internal header to ensure a safe and secure mounting of the Magnalock reducing the possibility of becoming loose during regular use.

5. STEEL HOLLOW FRAME AND CONCRETE FILLED FRAME MAGNALOCK MOUNTING

Mounting the CWB, concrete wood header bracket, onto a steel hollow frame or a steel concrete filled frame header requires the #12 x 1-1/2" sheet metal screws provided. **Figure 3** illustrates a visual concept of the parts that will be applied to secure the CWB, concrete wood header bracket, in an M62 Magnalock installation. The sheet metal screws ensure a safe mounting of the Magnalock reducing the possibility of becoming loose during regular use.

SEE: MAGNALOCK MANUAL AND TEMPLATE FOR MOUNTING INSTRUCTIONS

NOTE: OFFSET STRIKES MAY BE NECESSARY FOR FRAME STRUCTURE ALIGNMENT

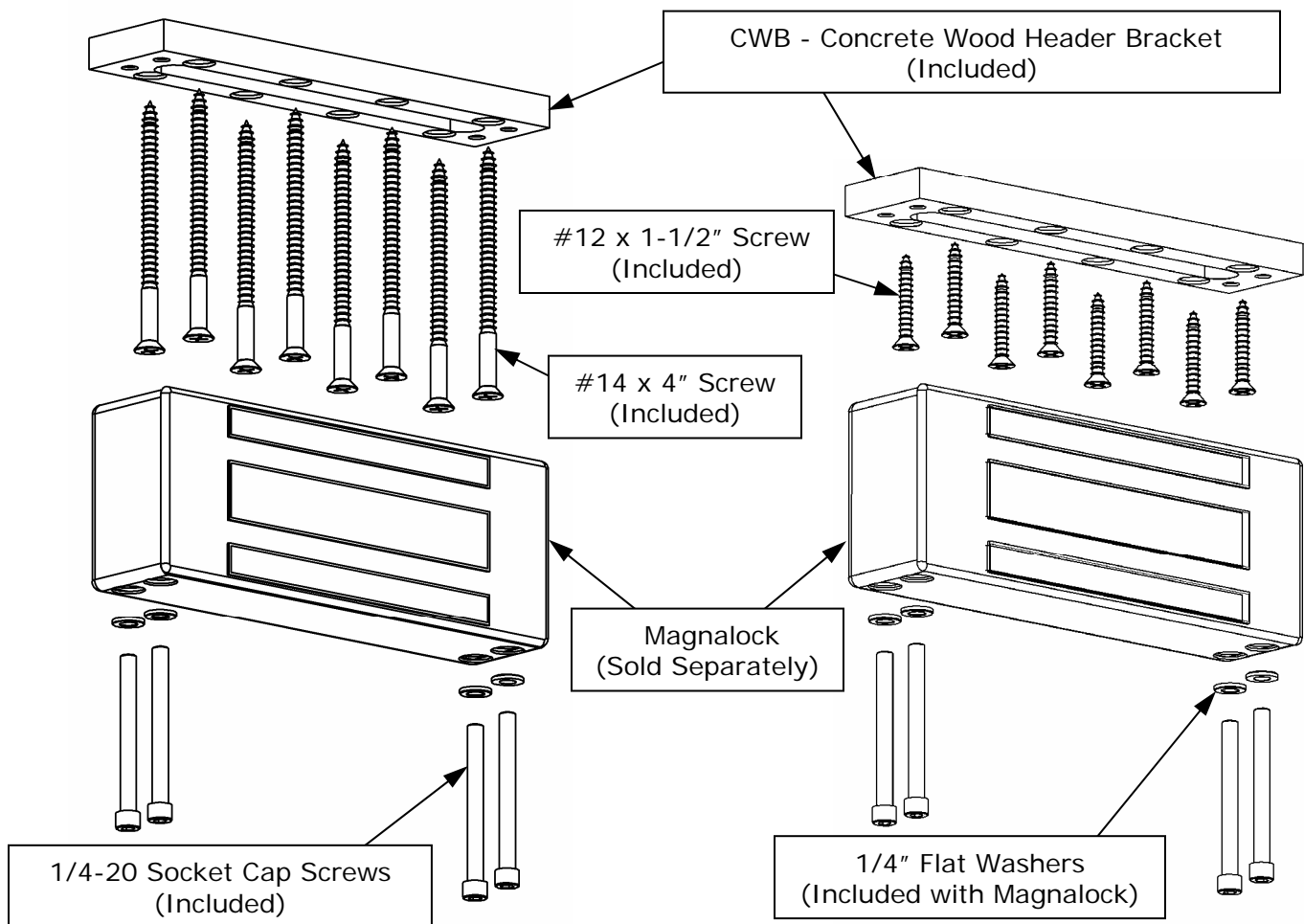


Figure 2
(Wood Type Frames)

Figure 3
(Steel Type Frames)

Wood Type Frames – Step-By-Step Installation Procedures:

- Position the bracket in the Magnalock mounting location on the frame.
- Utilizing the bracket as a template, mark the counter-sink holes where the wood screws will be located.
- Drill the marked locations in the frame using a 7/32" [5.5mm] drill at a minimum depth of approximately 2-1/2".
- Mount the bracket onto the frame and securely tighten using the #14 x 4" long wood screws provided.
- Drill the hole for the cable access into the frame utilizing the slotted area provided in the center locations of the concrete wood header bracket.
- Position the Magnalock onto the CWB concrete wood header bracket while running the cables into the cable access area.
- Using the 1/4-20 socket head cap screws provided with the bracket hardware and the flat washers provided with the Magnalock hardware, securely mount the Magnalock into place.

Steel Hollow and Concrete Filled Type Frames – Step-By-Step Installation Procedures:

- Position the bracket in the Magnalock mounting location on the frame.
- Utilizing the bracket as a template, mark the counter-sink holes where sheet metal screws will be located.
- Drill the marked locations in the frame using a 3/16" [4.8mm] drill at a minimum depth of approximately 1-1/2".
- Mount the bracket onto the frame and securely tighten using the #12 x 1-1/2" sheet metal screws provided.
- Drill the hole for the cable access into the frame utilizing the slotted area provided in the center locations of the concrete wood header bracket.
- Position the Magnalock onto the CWB concrete wood header bracket while running the cables into the cable access area.
- Using the 1/4-20 socket head cap screws provided with the bracket hardware and the flat washers provided with the Magnalock hardware, securely mount the Magnalock into place.