

INSTALLATION INSTRUCTIONS

CRL DB130F SERIES DEAD BOLT HANDLE FOR ALUMINUM FRAMED DOORS



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The rapidly changing technology within the architectural aluminum products industry demands that C.R. Laurence/U.S. Aluminum reserve the right to revise, discontinue, or change any product line, specification, or electronic media without prior written notice.

NOTE: Dimensions in parentheses () are millimeters unless otherwise noted.

INTRODUCTION

The CRL Dead Bolt Handle System is designed to allow maximum view and a contemporary look to your aluminum framed doors. The CRL system meets the requirements of ANSI/BHMA A156.16 Grade 1.

Tools Required

Drill bits: 9/16" (14mm), 1/2" (12mm), 3/8" (9mm)

Tape Measure

Saw Horses

Cordless Drill

3/4" Masking Tape

Framing Square/Straight Edge

1/8" (2.5mm) Allen Wrench

NOTE: Modifications, other than those specified in this document, could result in failure to meet UL safety ratings and void the manufacturer's warranties.

DOOR PREPARATION

REMOVE THE DOOR AND PREPARE PER TEMPLATES

1. Place the door horizontally on the saw horses interior side up.
2. Mark the center line 2-1/4" (57.1mm) from the outside edge of the door stile. **(Fig. 1)**
3. Mark the corresponding layouts on to the door stile using the vertical center lines at the specified height. **(Fig. 2)**
4. Place the door horizontally on the saw horses exterior side up and repeat steps 2 and 3.

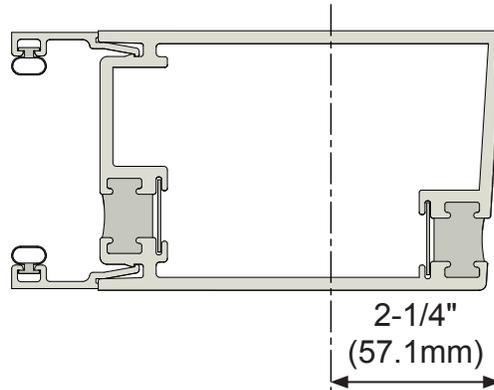
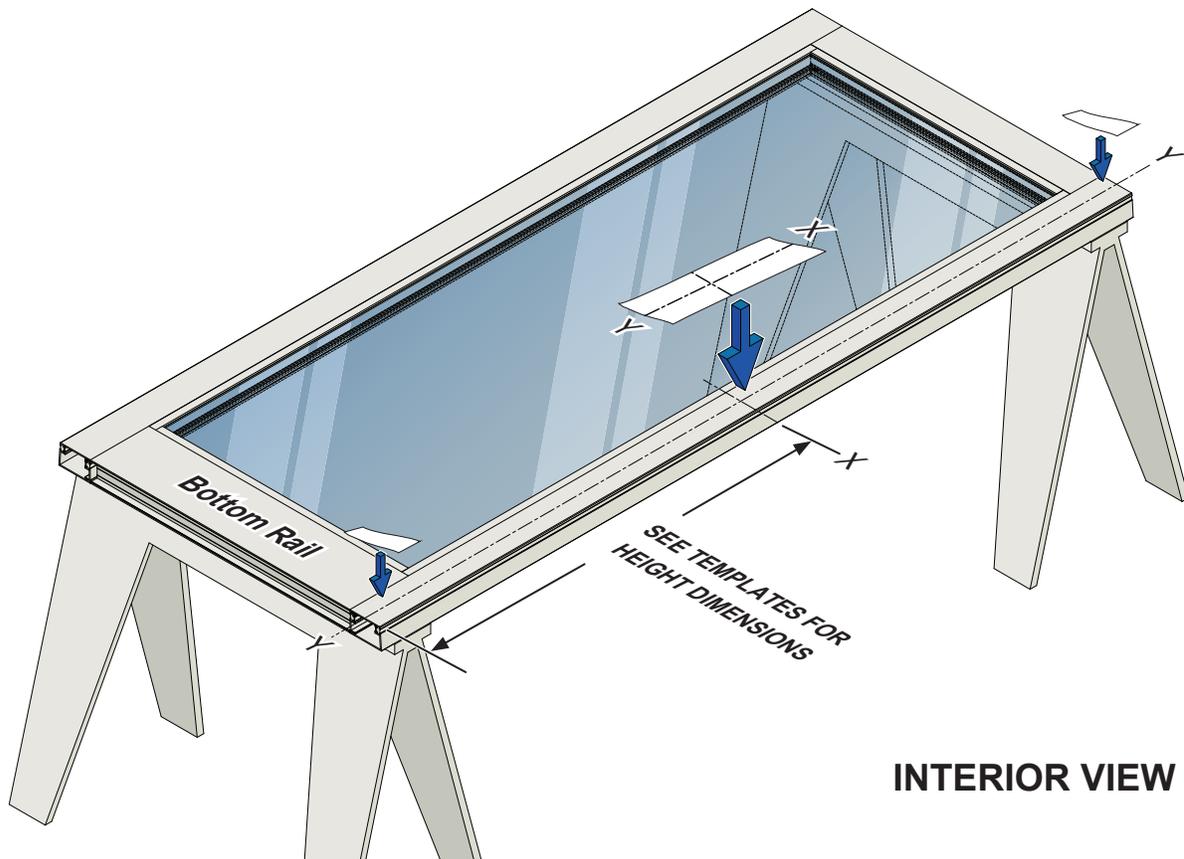


FIG. 1 Y

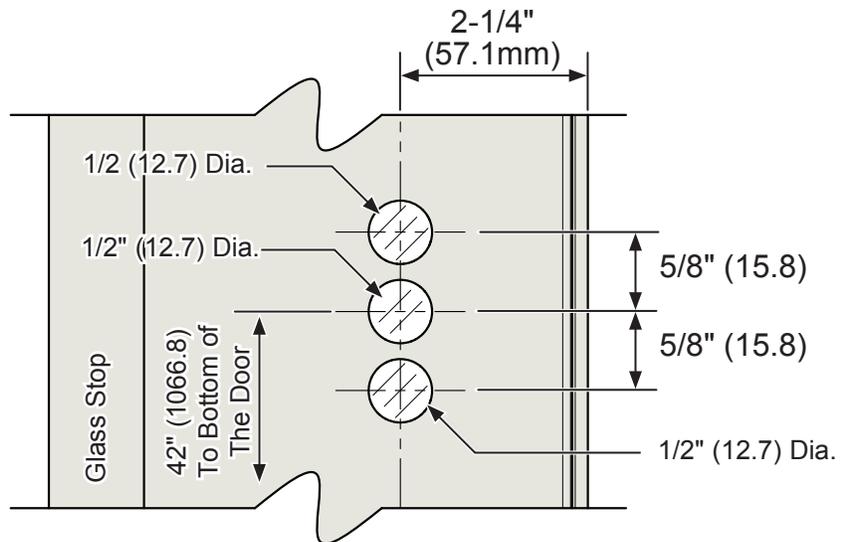
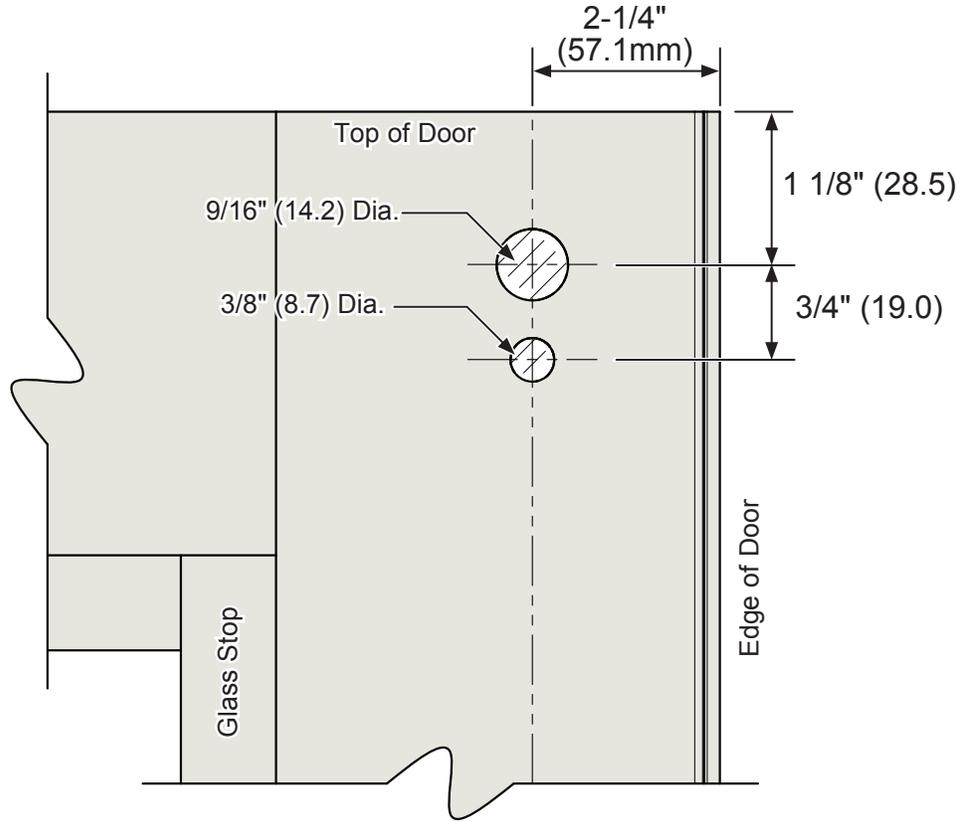


INTERIOR VIEW

FIG. 2

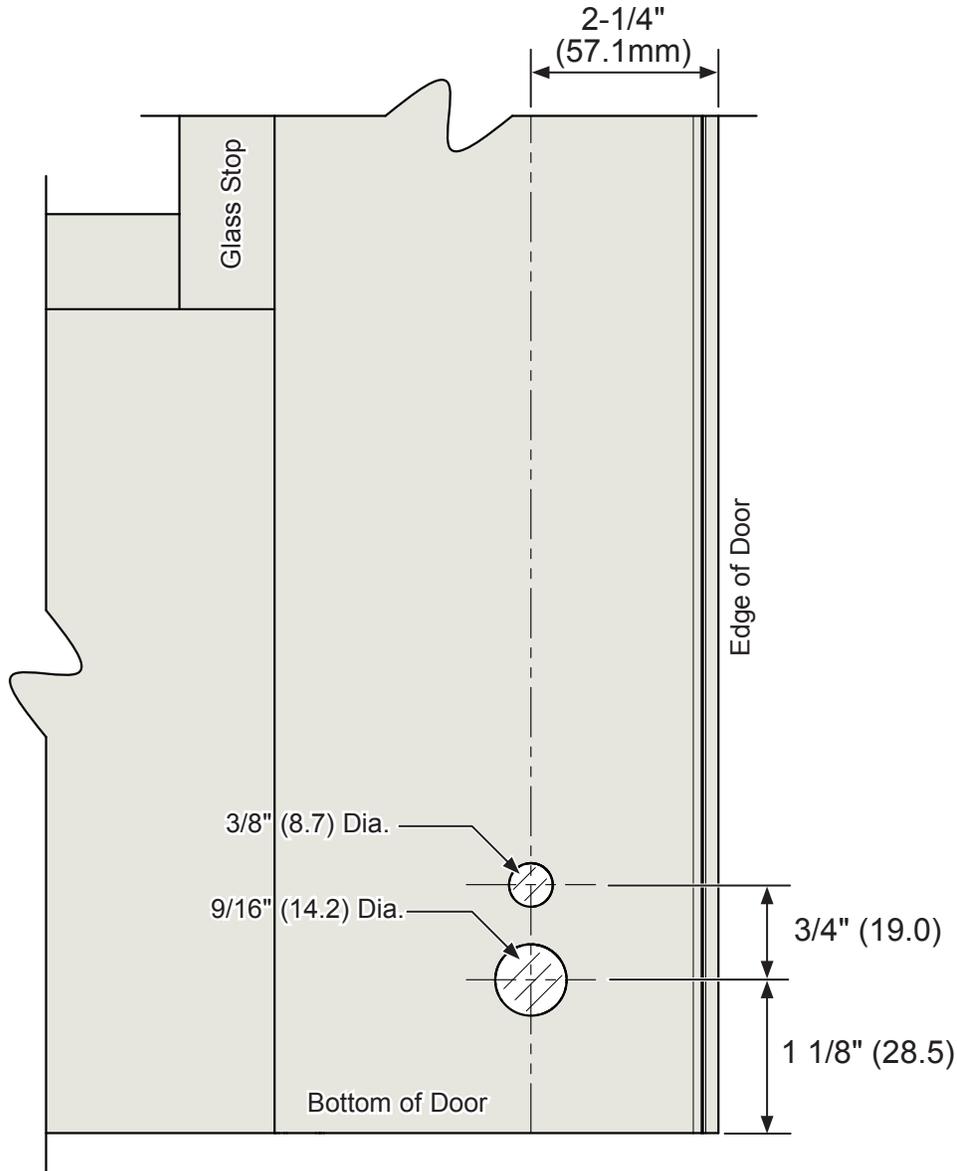
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DOOR PREPARATION - LAYOUT SELECTION



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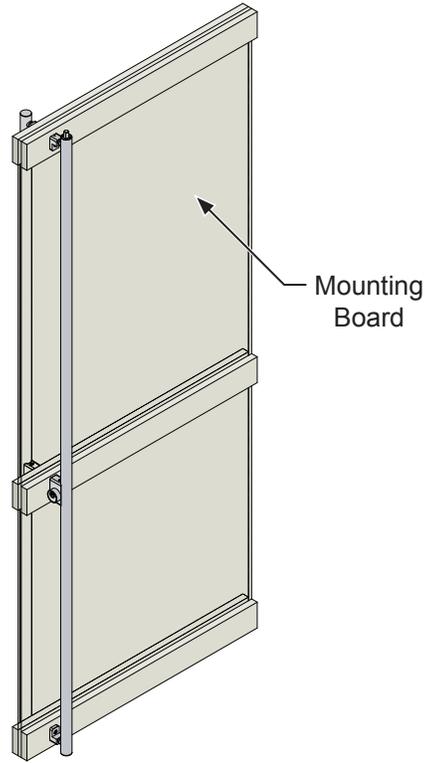
DOOR PREPARATION - LAYOUT SELECTION



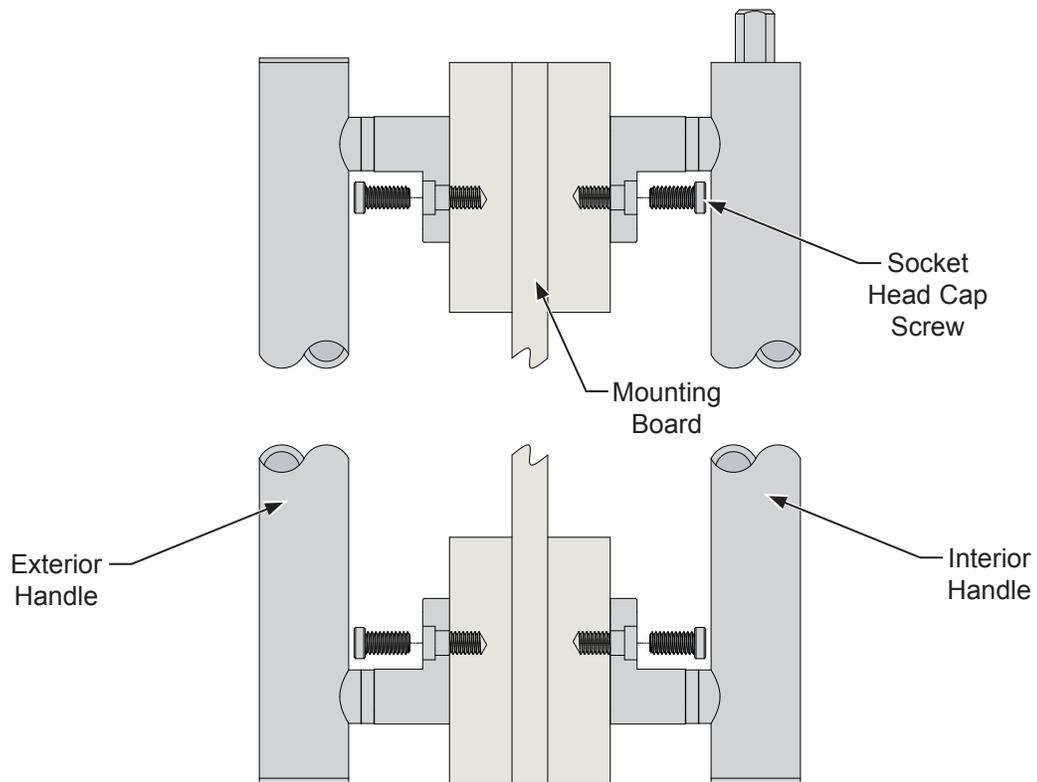
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REMOVAL FROM PACKAGING

The Handle comes mounted on a Mounting Board inside the wooden crate. Please proceed with the following steps to remove the handle from the board.



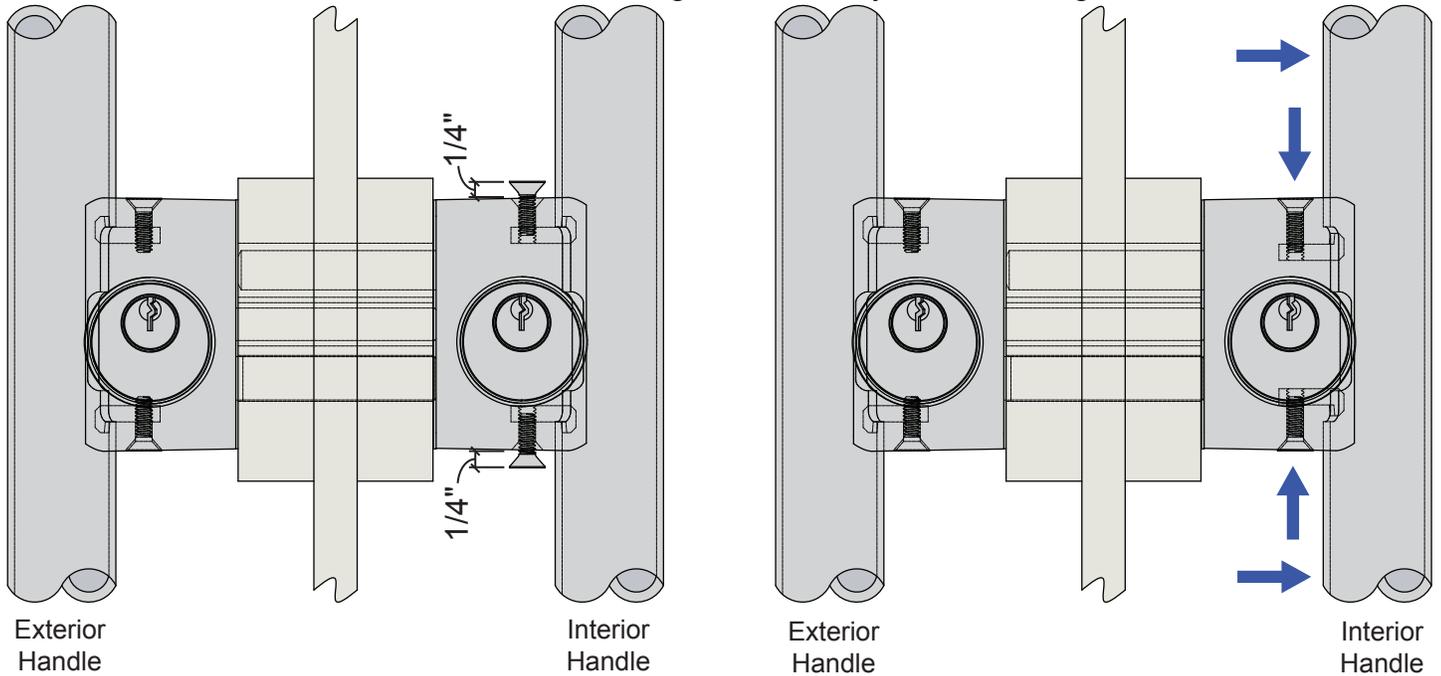
1. Remove the Socket Head Cap Screws from the Interior and Exterior Brackets and put aside for the installation.



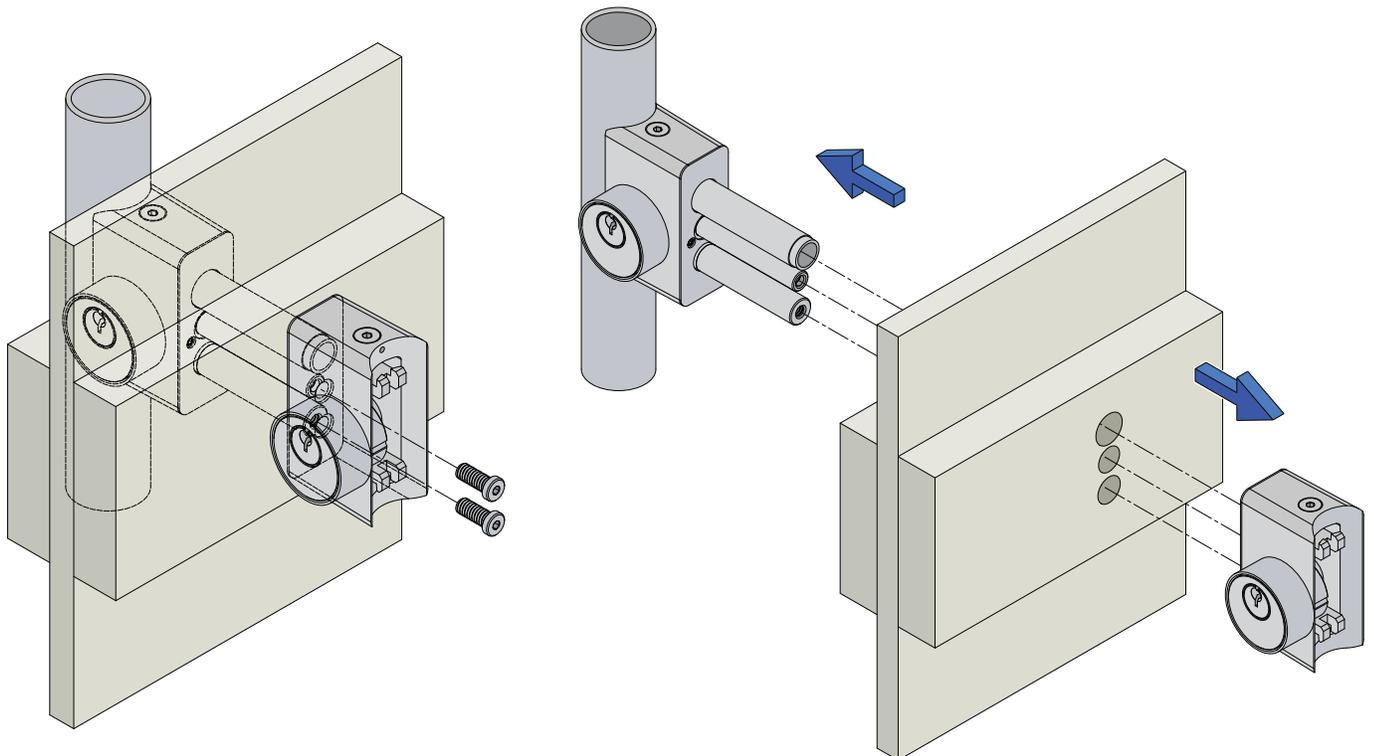
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REMOVAL FROM PACKAGING

2. Loosen the two flat head socket screws on the interior handle only so they protrude approximately 1/4" from the Cylinder Housing DO NOT REMOVE them, push the screws down flush and remove the interior handle from the mounting board and Cylinder Housing.

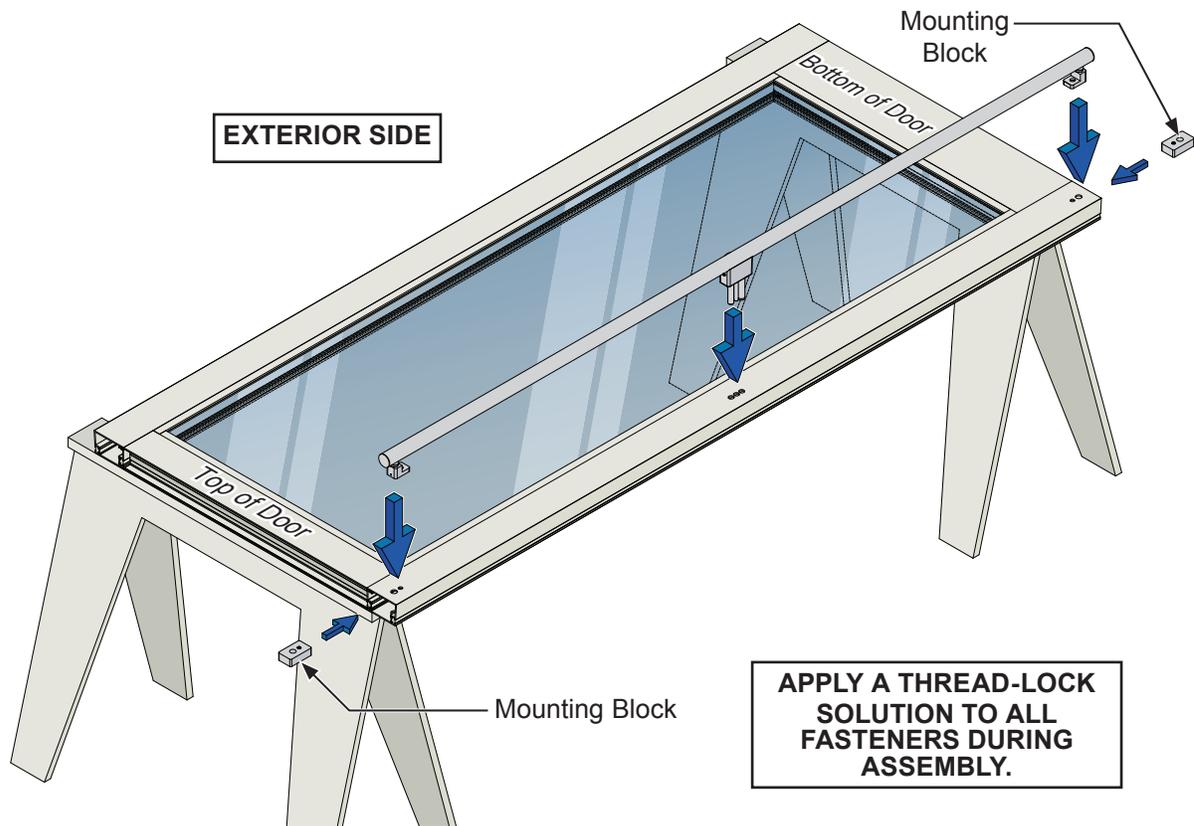


3. Remove the 2 cap screws from the inside of the Cylinder Housing, and remove the housing from the board. Remove the exterior handle, rubber bushings and save it for re-use during installation to the door.

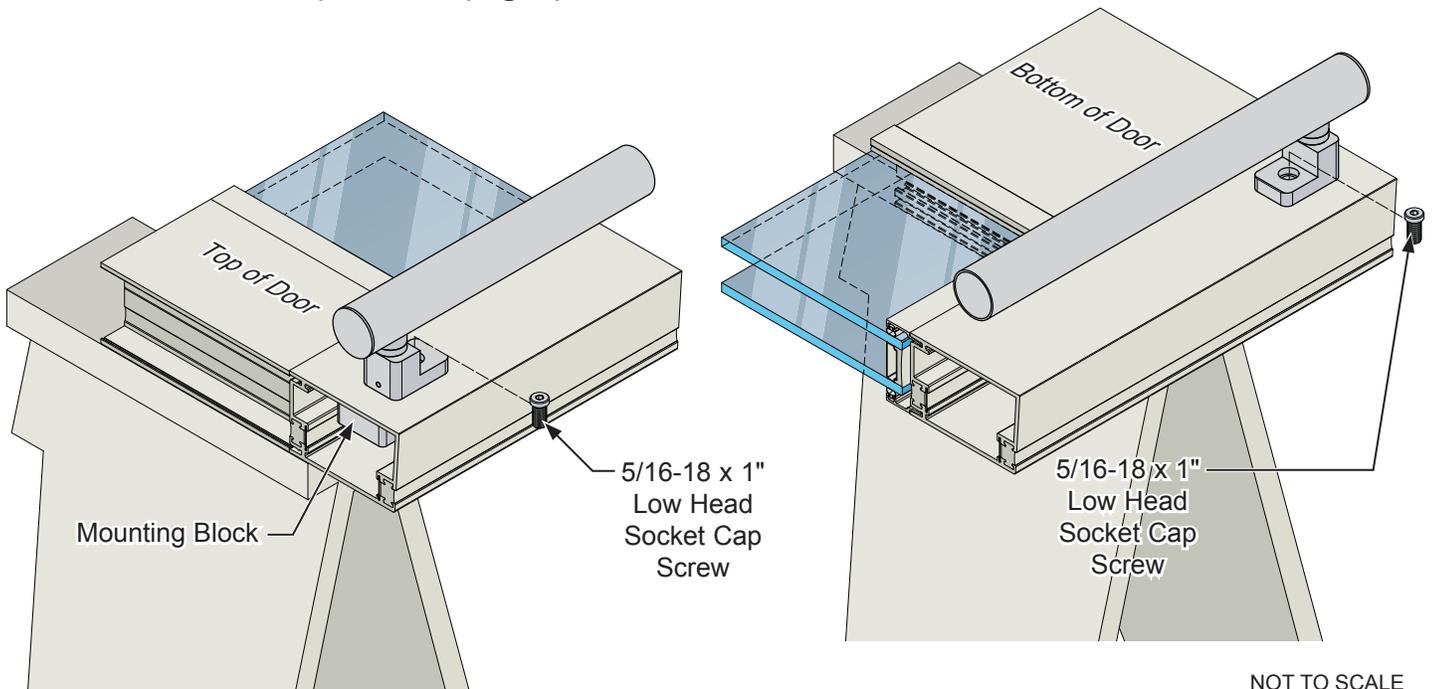


DEAD BOLT HANDLE INSTALLATION

- Place the door horizontally on the saw horses exterior side up.
- Place the handle on the door style and insert the mounting blocks as shown.



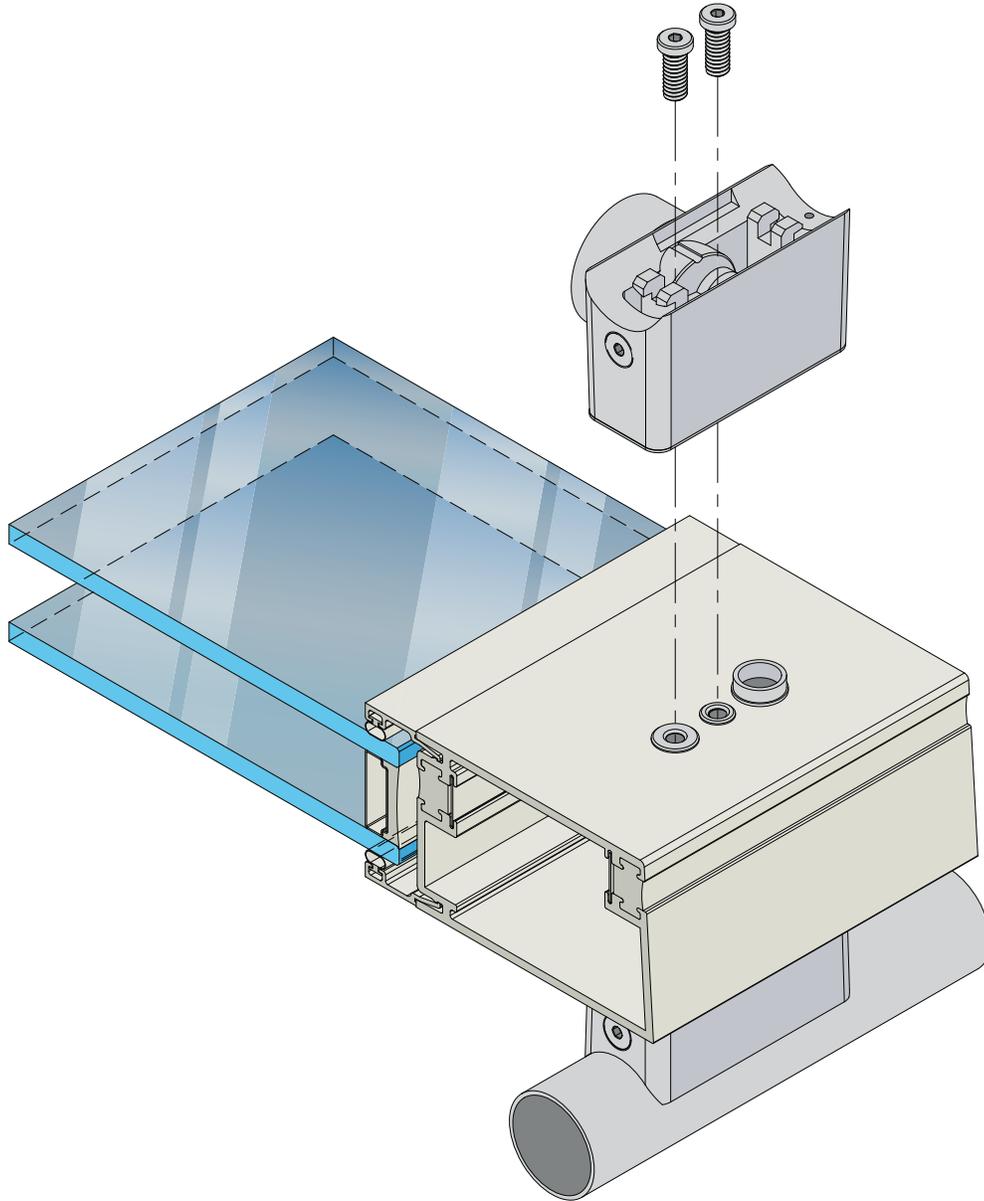
- Hold the mounting blocks in place and attach the handle to the door using the two 5/16-18 x 1" low head socket cap screws. (Fig. 9)



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DEAD BOLT HANDLE INSTALLATION

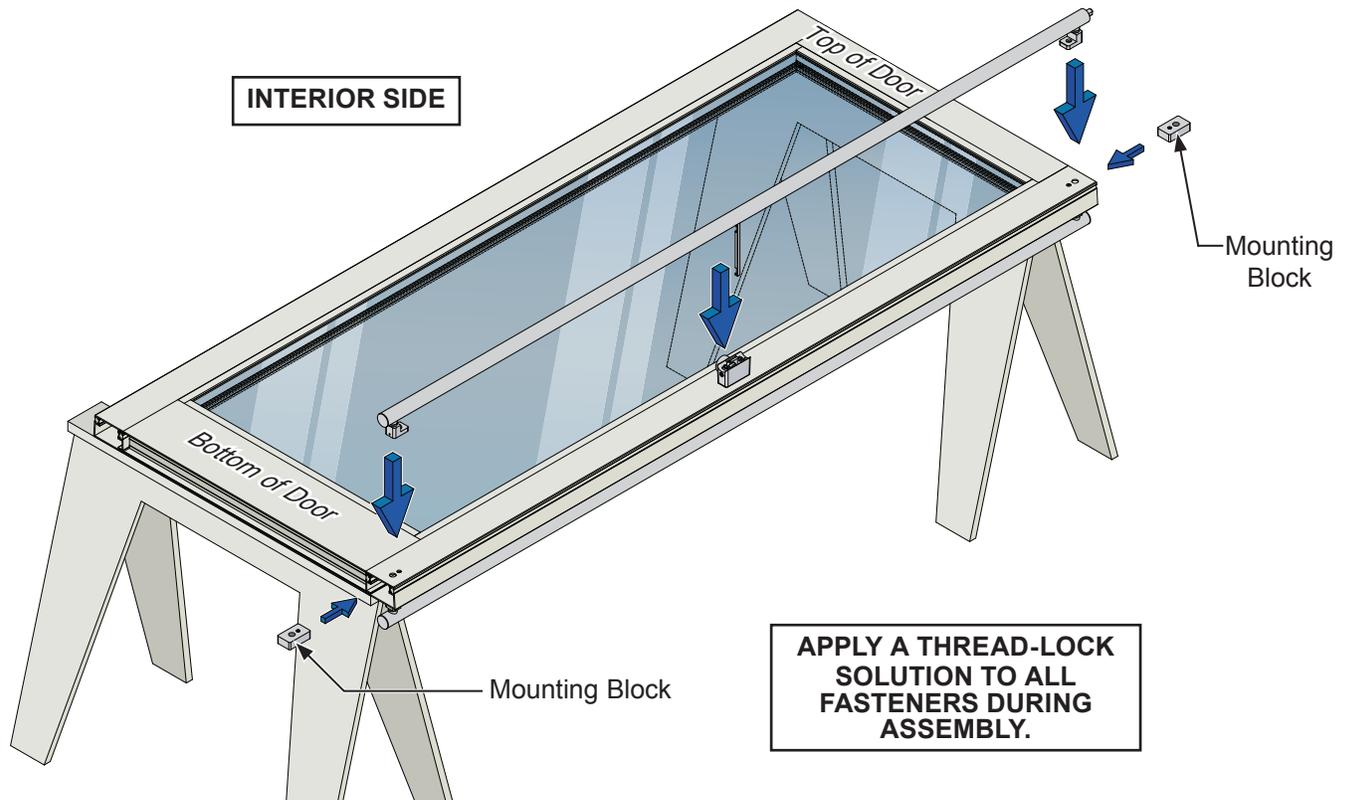
7. Place the door horizontally on the saw horses interior side up.
8. Place the Interior Cylinder Housing to the door stile and fasten with the 2 cap screws.



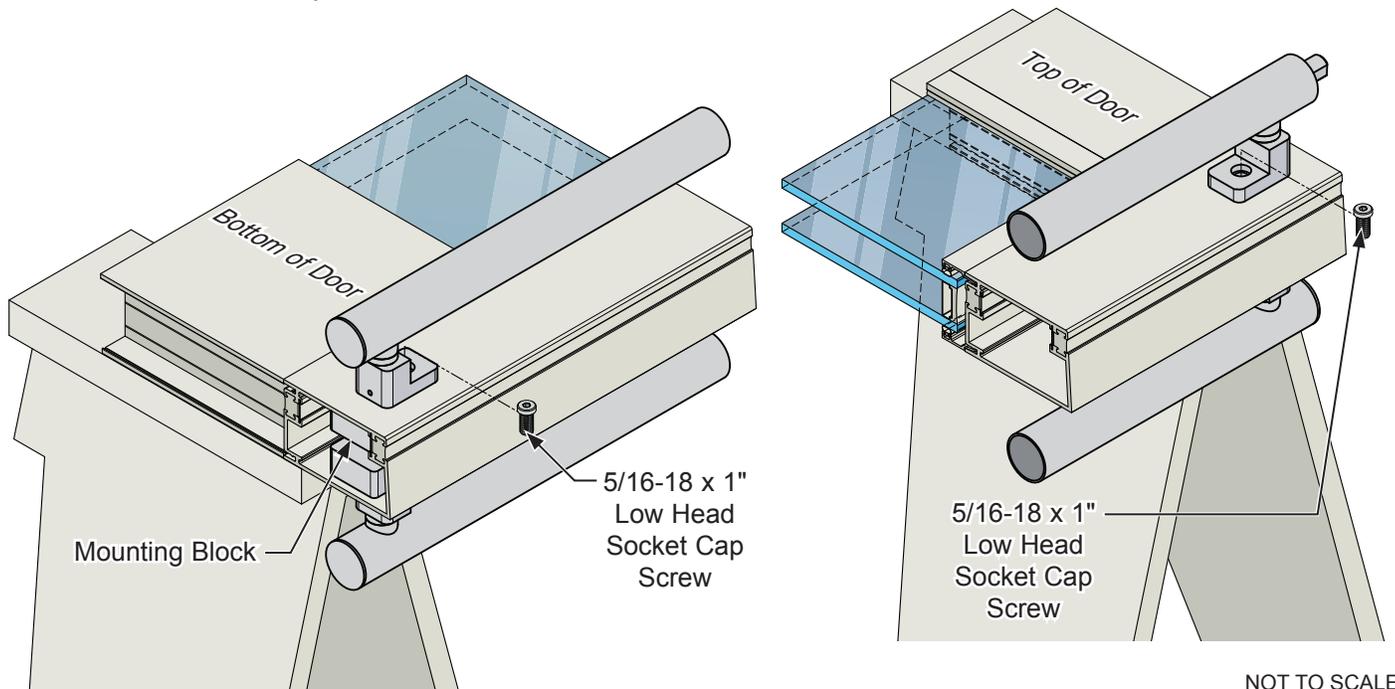
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DEAD BOLT HANDLE INSTALLATION

9. Place the handle on the door style and insert the mounting blocks as shown.

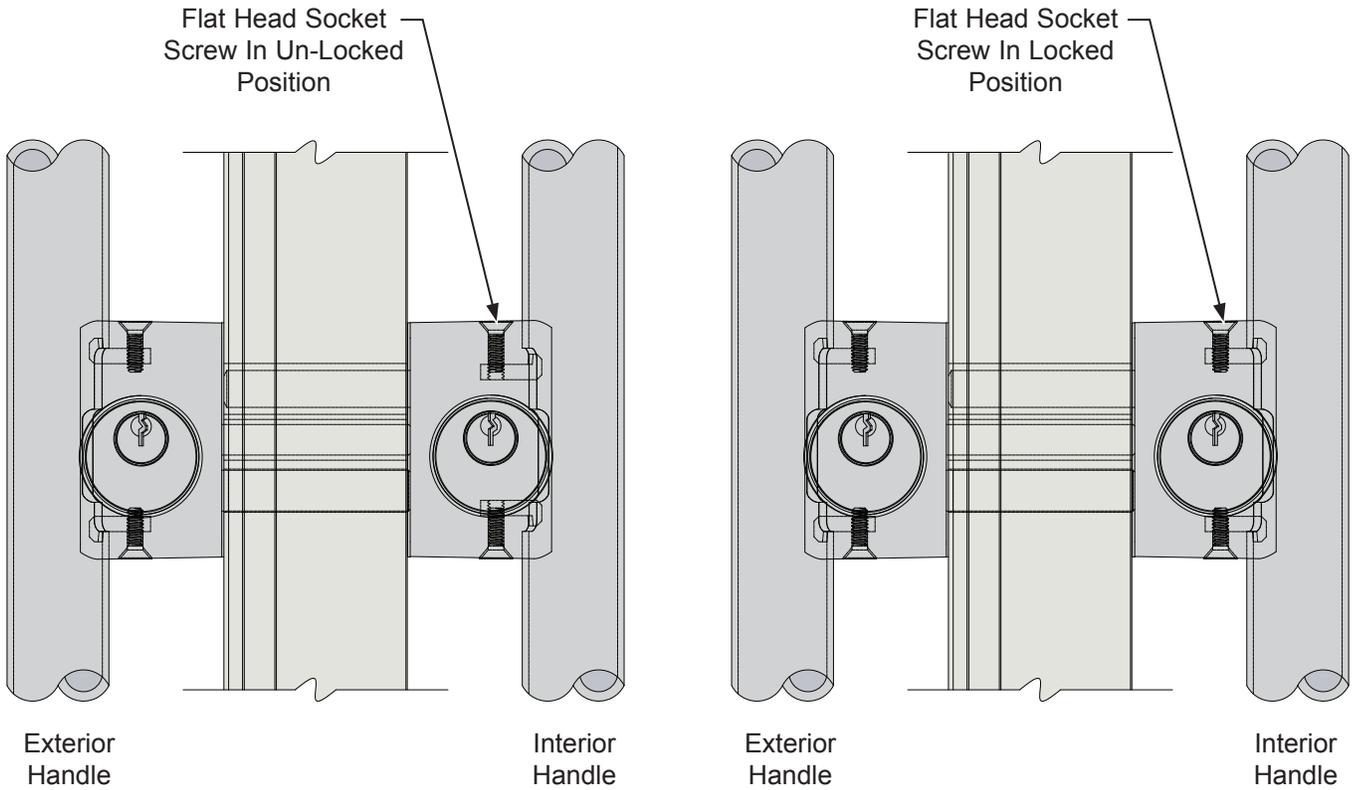


10. Hold the mounting blocks in place and attach the handle to the door using the two 5/16-18 x 1" low head socket cap screws.



DEAD BOLT HANDLE INSTALLATION

11. Re-tighten the two flat head socket screws to lock the handle to the Cylinder Housing and complete the installation.



NOT TO SCALE