ACCURATE
LOCK & HARDWARE
AMERICAN CRAFTED SINCE 1972

**1.** Install Bottom Guide Channel Liner

Install the Bottom Guide Channel Liner to the bottom of the door using screws provided (**sD**).

2. Shipped Assemblies

Carefully separate the assemblies by sliding the Bearing Mounting Assembly off of the Bearing Track Assembly.

NOTE: For stability during shipping and illustration purposes, the Bearing Mounting Assembly comes screwed to a cardboard "door" section and pre-assembled to the Bearing Track Assembly.
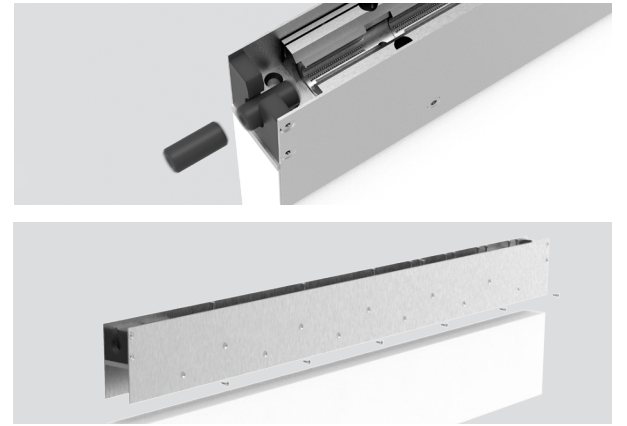
3. Insert Black Bearing Caps + Remove Temporary Cardboard

Insert Black Bearing Caps into blocks to ensure proper installation of rail.

Remove the temporary cardboard from the Bearing Mounting Assembly by removing bottom row of screws. Leave Cover Plates attached to bearing Mounting Assembly.

LR-SDS Locking

9500-VR
Vertical Rod Lock

If using a 9500-VR vertical rod lock, install the lock and components in the door per the template. Before the Bearing Mounting Assembly is installed on the top of the door, screw down the threaded bolt through the top of the door down into the lock so that the bolt projects above the top of the door when in the retracted position. Then install the Bearing Mountain Assembly- the bolt should project ⅛" into the ¼ thick Bearing Mounting Bracket.

* Key orientation 90˚ turn from standard position.

RETRACTED   PROJECTED
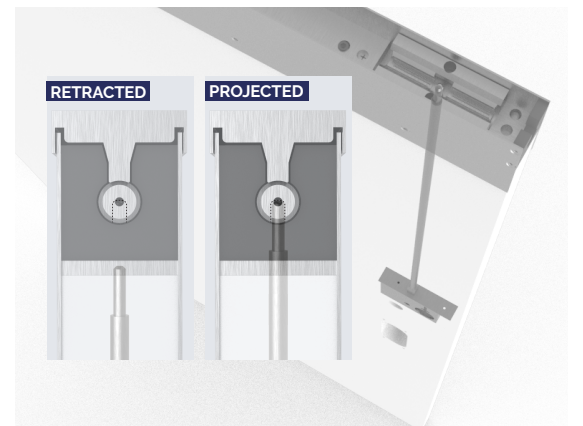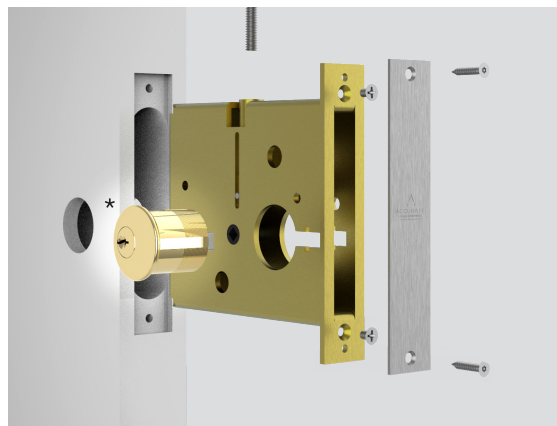
Also available:

+ No Lock
+ 9100 Self Latching (*additional document*)
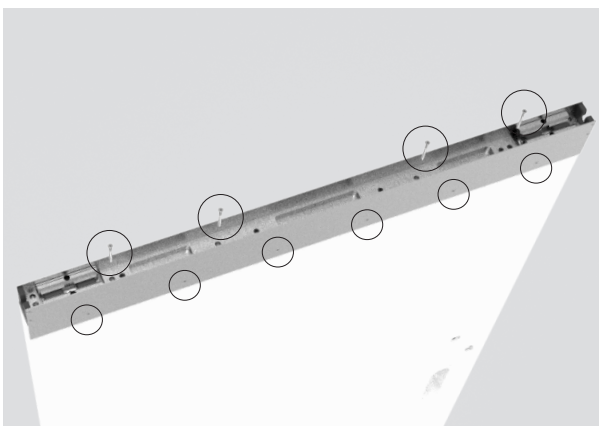
**4.** Place Bearing Mounting Assembly

Place the Bearing Mounting Assembly on top of door making sure that it is centered and plumb on the door. The Bearing Mounting Assembly is designed to be exactly as wide as the door so each end of the assembly should be flush to each end of the door. Use screws provided to secure the assembly to the *top* of the door (**sC**). Use screws provided to secure the plate cover to the *front* and *back faces* of the door (**sA**).

PLEASE NOTE: The Ball Bearing Blocks are pre-assembled loosely to the ¼" thick mounting bracket with Socket head screws. *DO NOT TIGHTEN* - blocks need to have some movement. If screws are accidentally tightened, back off by about ⅛ turn.
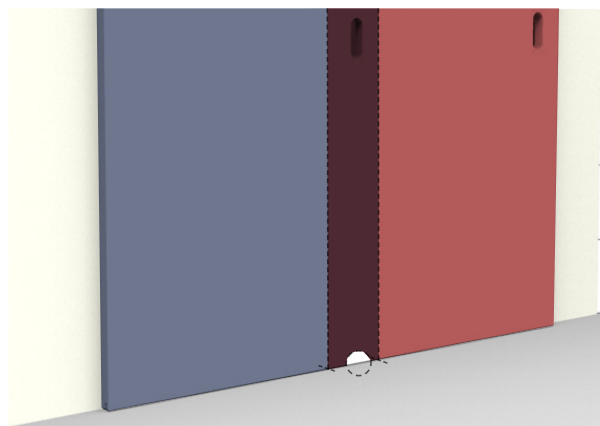
**5.** Locate Floor Guide Position

Slide door into the **fully open** position and mark the location of the leading edge of the door. Slide the door into the **fully closed** position and mark location of the back edge of the door. The distance between these two points is the overlap of the door coverage in **open** and **closed** position. The floor guide should be located within this footprint and centered on the width of the door edge.

a regular floor guide   **b** anti-barricade
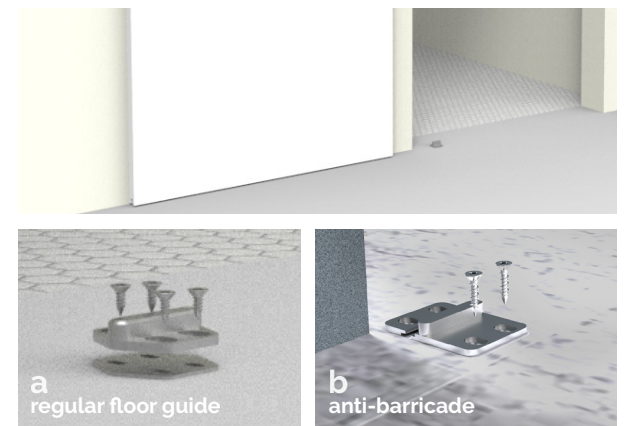
6. Install Floor Guide

Since the floor guide should always be hidden underneath the door, you will need to remove one of the door stops to slide the door far enough to install the floor guide.* Use the Tapcon® anchor screws provided (**sF**) to install the guide into the floor. Use floor guide shims as needed. Test to make sure that door is sliding freely over the floor guide. Reinstall the door stop.

*Depending on the track length, the door can usually slide 3-4 inches off the track before the rod starts to drop out of the ball bearing. At this point, the door can continue to slide off the track, if necessary, but carefully to make sure it's balanced and straight to avoid damaging the bearings.

ACCURATE LOCK & HARDWARE — AMERICAN CRAFTED SINCE 1972
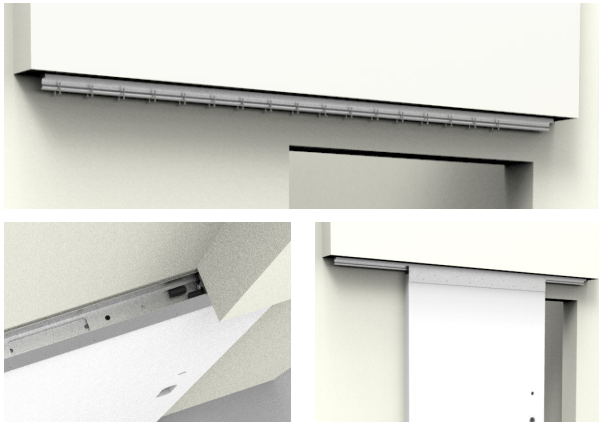
7a. Install Bearing Track Assembly With Side Sliding Access

If you have access to install the door from the side of the track, you can refer to the following instructions. If not, please refer to 8B.

Position the Bearing Track Assembly against the outside wall at the desired location (recommended against the wall) and screw up into the header with the screws provided (**sB**). Carefully install the door onto the track from the side keeping the door as balanced and straight as possible. It may be helpful to prop the bottom of the door with provided shim kit to align the hole in the ligature resistant cap with the rod.
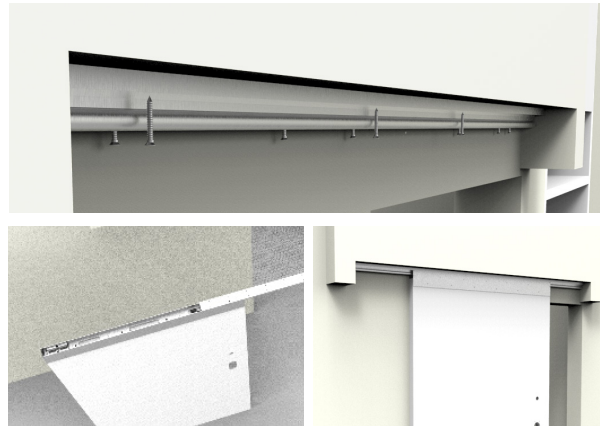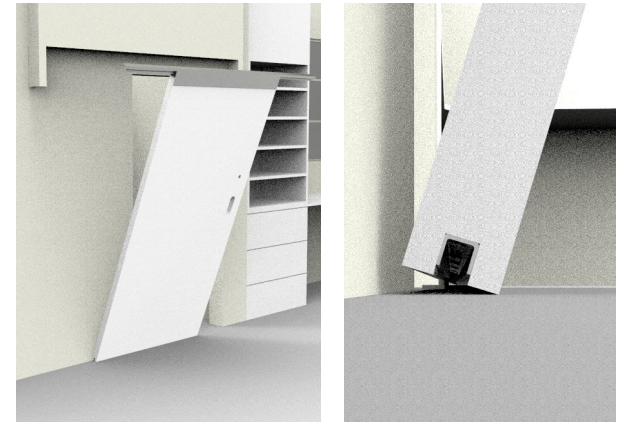
7b.1 Install Bearing Track Assembly Without Side Sliding Access

If you do not have access to install the door from the side of the track, you will have to pre-assemble the door to the track before screwing the track into the header.

First, place only the track against the wall at the desired location and temporarily screw up into the header with *just a few screws* (**sB**). This will help mark the track for when it is fully assembled and ready for final installation.

Make sure the black tubes are inside the ball bearings to keep the balls from escaping. Remove the track from the header and then slide the track across the top of the door centering the door in the track.

7b.2 Install Bearing Track Assembly Without Side Sliding Access

Tilt the door back as shown with channel engaging the floor guide, push door upright so floor guide enters inside of channel.

Install track door assembly into the header using provided screws (**sB**).

Frameless Door Stop Options

STOP KIT A   STOP KIT B

Door Stop

Stop Kit A: Place the L-shaped door stop against the wall and screw the projecting leg (perpendicular to the wall) into the end of the track rod using the provided security screw (**sE.a**). Screw the base down to the wall with provided security screws (**sB**).

Stop Kit B: Place the block door stop against the wall and screw the projecting leg (perpendicular to the wall) into the end of the track rod using the provided security screw (**sE.b**) and washer. Screw the base down to the wall with provided security screws (**sG**), and screw cover plate using the **C** screws.

Repeat this step for the other door stop on the opposite end of the track.

Optional Floor Shoe

Floor Shoe

Place the floor stop against the wall near the "strike side" and screw the face into the wall using the provided security screw (**sC**) and use screws **B** to screw down cover plate. Screw the base down to the floor with provided security screws (**sF**).

Pre-Assembly Screws

A
#8-32 x ½" Socket head cap screws
QTY: 4

B
#8-32 x ⅜" Stainless Steel Tamper resistant security pin-in flat head screw
QTY: 8

C
#8-32 x ¼" Stainless Steel Tamper resistant security pin-in flat head screw
QTY: 14

D
#8-32 x ¼" Stainless Steel Tamper resistant security pin-in flat head screw
QTY: 2

E
¼-28 x ½" Socket head cap screws
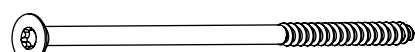QTY: 2

F
¼-28 x ½" Socket head cap screws
QTY: 4

Assembly Screws

sA
#8 x ½" Stainless Steel Tamper resistant security pin-in flat head screw
QTY: 16

sB
#8 x 2" Construction Screws
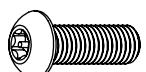QTY: 40

sC
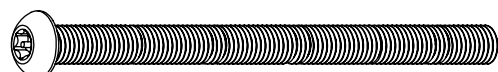#8 x 3" Construction Screws
QTY: 10
For Floor Stop Kit
QTY: 5

sD
#8 x ¾" Stainless Flathead Screws
QTY: 6

sE.a
¼-28 x ¾" Stainless Steel Tamper resistant pin-in button head security screws
QTY: 2

sE.b
¼-28 x 2½" Alloy Steel Tamper resistant pin-in button head security screws
QTY: 2

sF
³⁄₁₆ x 1¼" Concrete Anchor Screw
QTY: 4-6

sG
¼" x 3" Stainless Flathead Combo Screws
QTY: 3