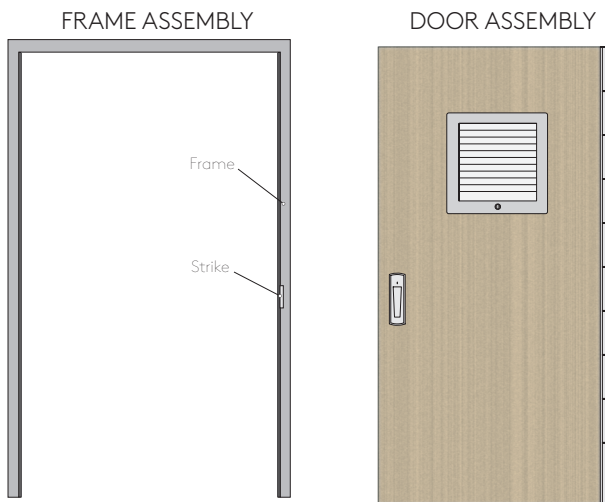


### Installation with New Frame

The SWING Anti-Barricade System comes in two assemblies:  
1) HM Welded Frame assembly with the strike installed,  
2) The door assembly with all hardware including the hinge pre-installed as shown below in Figure 1:

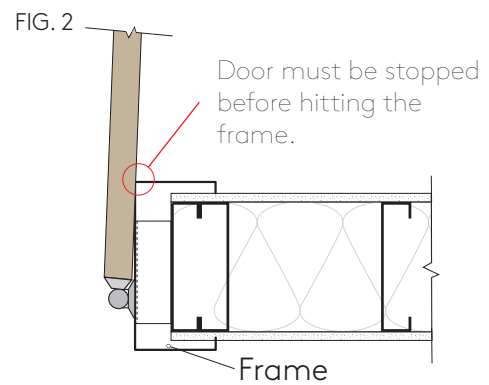
Fig. 1



For Installation Instruction on the welded frames, please see the document labeled:  
**Installation Instructions - Welded Frames**

#### **IMPORTANT: Please read before continuing**

The SWING Door System must be properly supported with a door stop to prevent damage! This is by either a floor or wall stop, and the door when opened must stop prior to the hinge hitting the frame as shown in Figure 2. This applies to both New & Retrofit Installations. Further detail shown on page 3.



# INSTALLATION INSTRUCTIONS

## SWING Door System



### Step 1)

Install the Kingsway Frame assembly per instructions detailed in document: **Installation Instructions - Welded Frames**

### Step 2)

After the framed is properly installed and checked you can now paint the frame per architectural specs.

### Step 3)

Next install the SWING Door assembly. For this step a minimum of (2) persons is required. The door assembly should be maneuvered into the opening in the closed position as shown in Figure 3 & 4.

Fig. 3

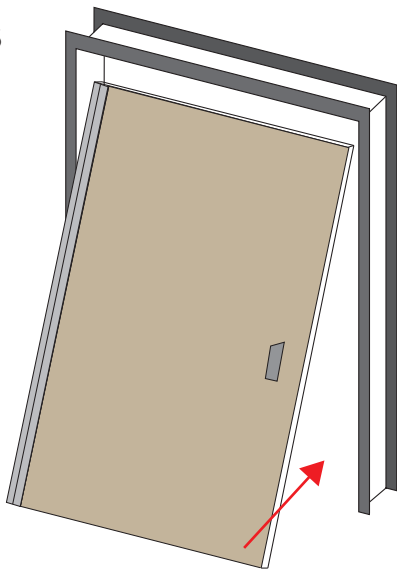
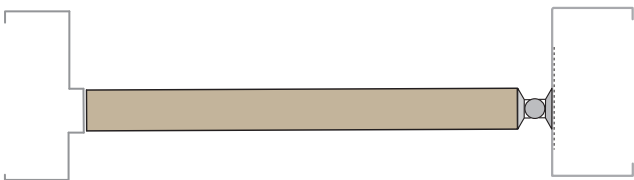


Fig. 4



### Step 4)

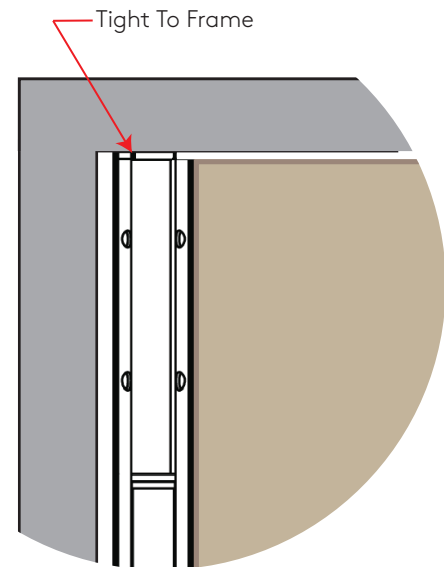
Once in place, raise the door assembly using air-shims, wood blocks or other means until the pre-drilled holes in the frame align with the fastener holes in the hinge. Place a 1/32 shim in-between the top of the hinge and the frame.

**NOTE:** Protect the bottom of the door to avoid damage. NEVER twist or slide the door if directly in contact with the floor - this will cause damage such as veneer splinters.

### Step 5)

**IMPORTANT:** There should be no gap between the top of the SWING Hinge and the Frame Header when correctly installed.

If there is a gap carefully loosen the screws, then maintaining constant upward pressure re-tighten the screws to close the gap.



# INSTALLATION INSTRUCTIONS

## SWING Door System

### Step 6)

Once the door is hung, install the SWING Stop as shown below in Figure 5 & 6:

Fig. 5



**IMPORTANT:** There should be a gap of roughly 1/16" between the top of the SWING STOP and the Frame Header when correctly installed, to avoid binding when the SWING STOP is opened.

### Step 7)

Once the SWING Stop is installed with the proper clearance, ensure that it locks tightly and is not loose. If it is loose, refer to Figure 7 to adjust the locking mechanism accordingly.

### Step 8)

Once the door is installed and all screws securely fastened, ensure the door functions as intended by the following steps:

- A) Ensure the door latches in the strike
- B) Ensure the door is adequately stopped by use of a door stop when opened. As noted at the beginning of these instructions the hinge should **not** make contact with the frame.
- C) Test the anti-barricade function as detailed in the document labeled: **Operating Instructions - SWING**

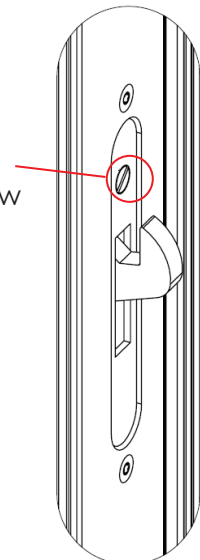
Fig. 6



Ligature resistant cap should always be at the top. If not at the top when installed, it has been incorrectly installed and will need to be replaced.

Fig. 7

Latch tension can be adjusted using this screw



# INSTALLATION INSTRUCTIONS

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## SWING Door System



### Questions or comments?

Please call 248-429-5520 or email us at [sales@kingswaygroupusa.com](mailto:sales@kingswaygroupusa.com)