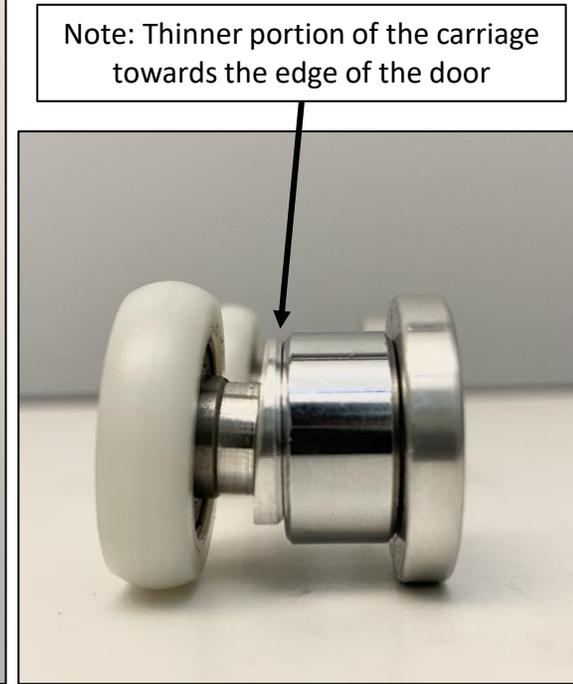
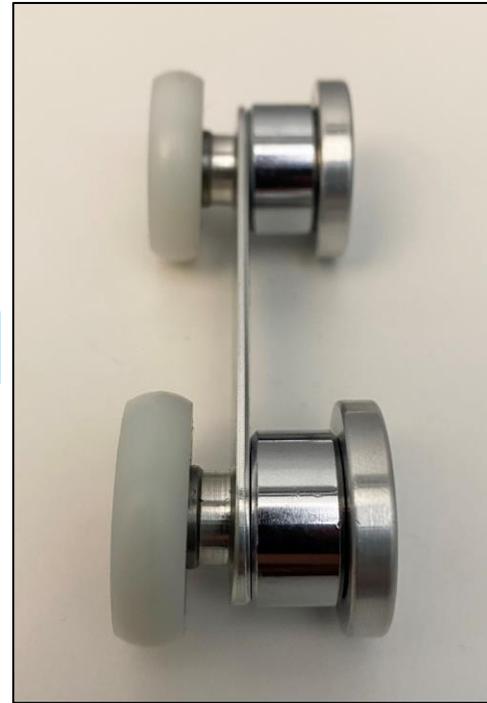
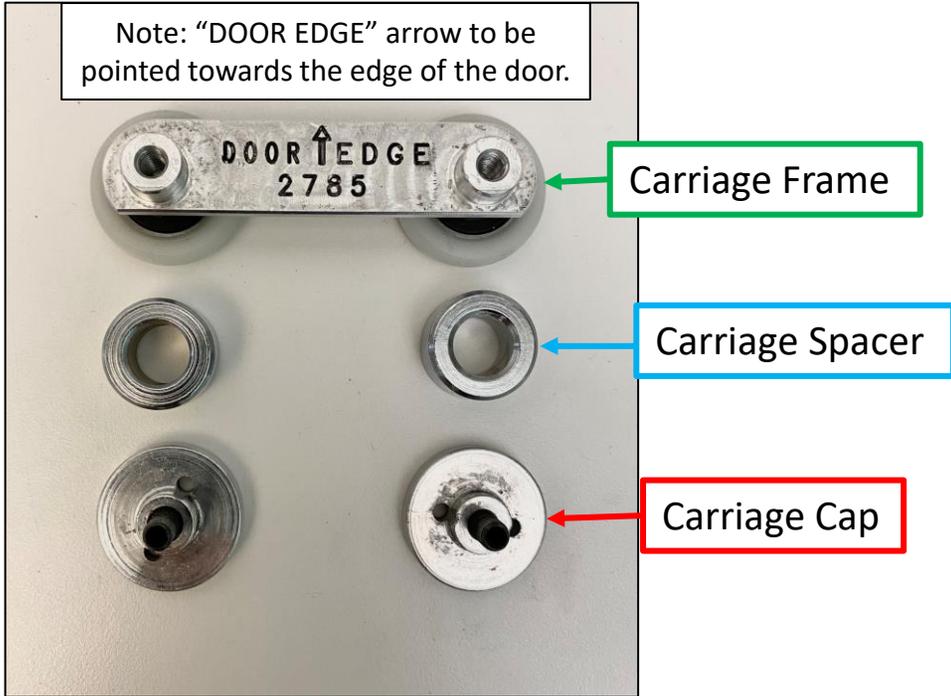




# Flex Series Soft Close Installation Guide

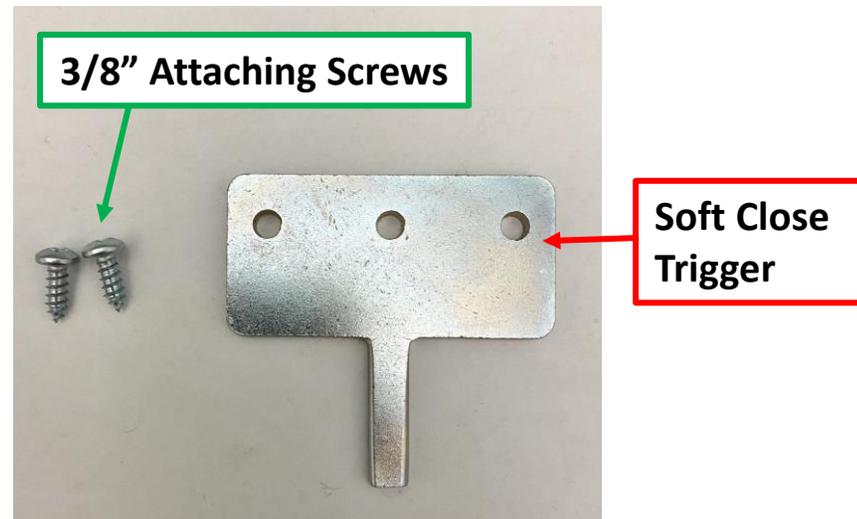
Aluminum Framed Glass Door Application

# Materials:



Carriage Frame Assembly Orientation

**Please Note: ALL soft close units include two mechanisms and two triggers. Each unit will have the ability to soft open and soft close. There will be one trigger for each function (two total).**



Aluminum Framed Door Soft Close Trigger



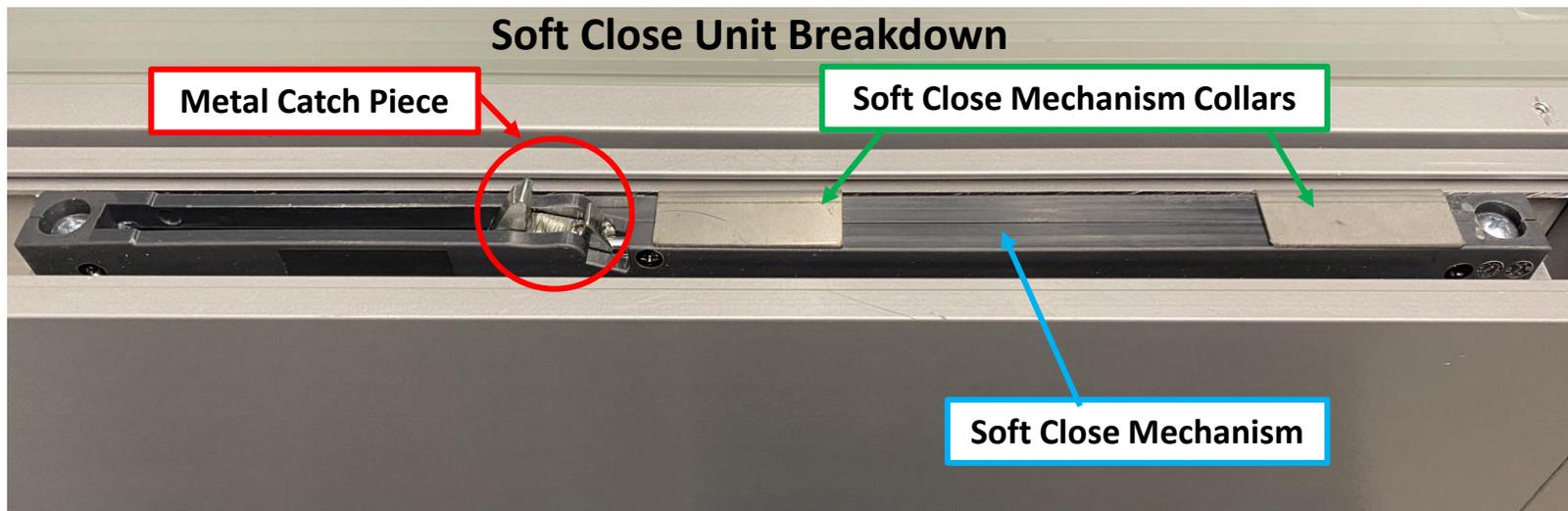
Door Stop for Sliding Doors

Materials Continued:

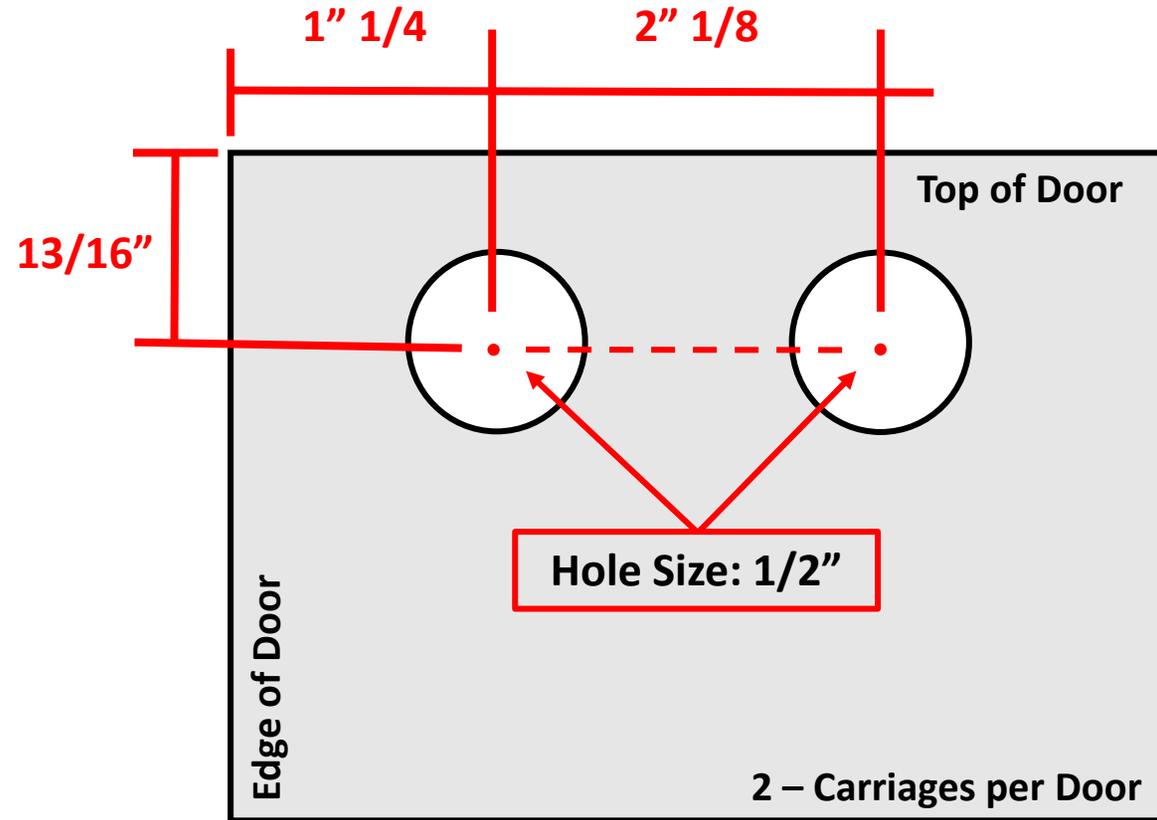
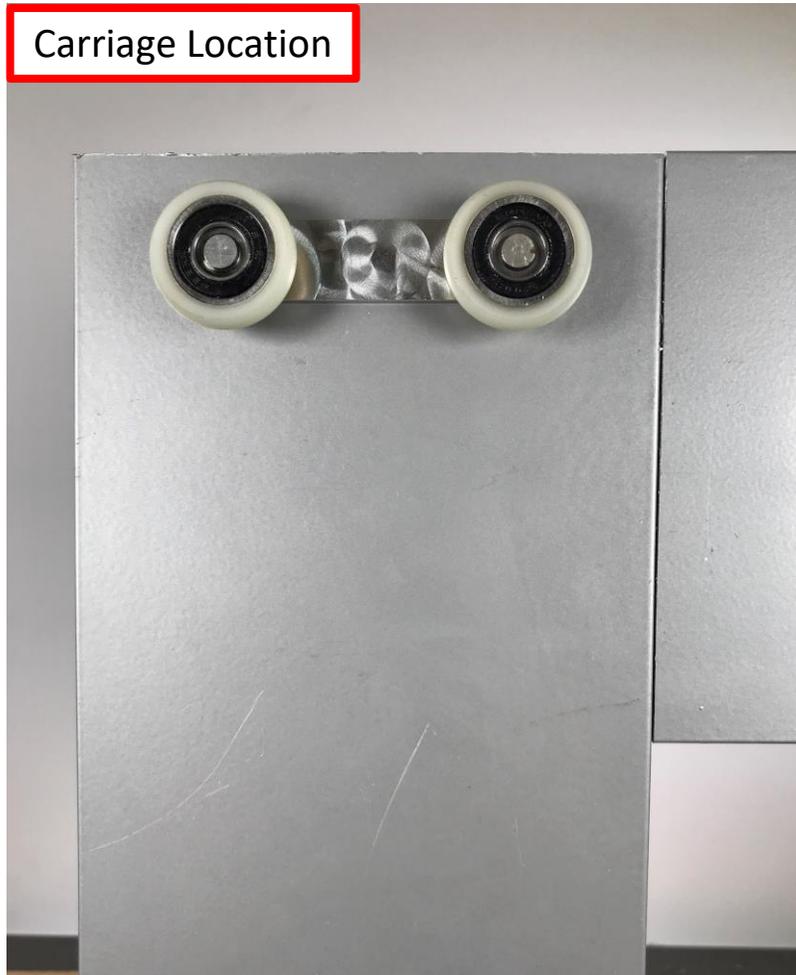
## Complete Soft Close Unit



**Please Note: The Soft Close Units are pre-mounted in the Aluminum Framed Glass Doors.**



## Aluminum Framed Sliding Glass Door Preparation:



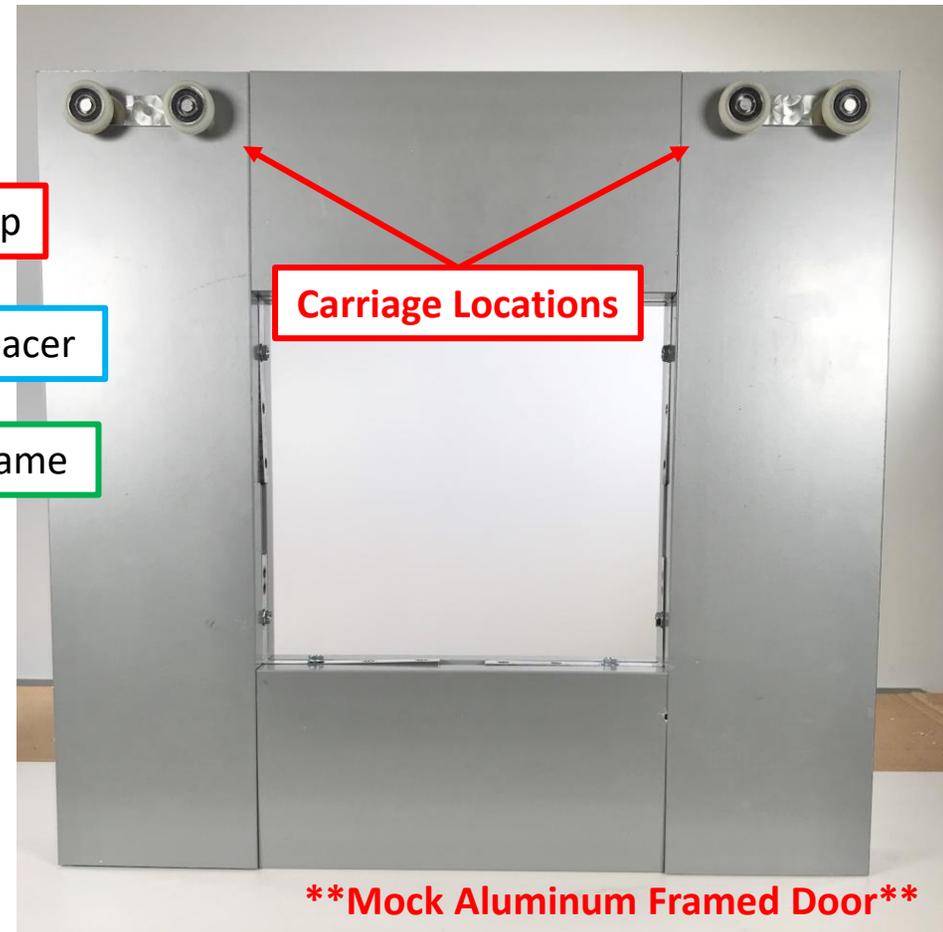
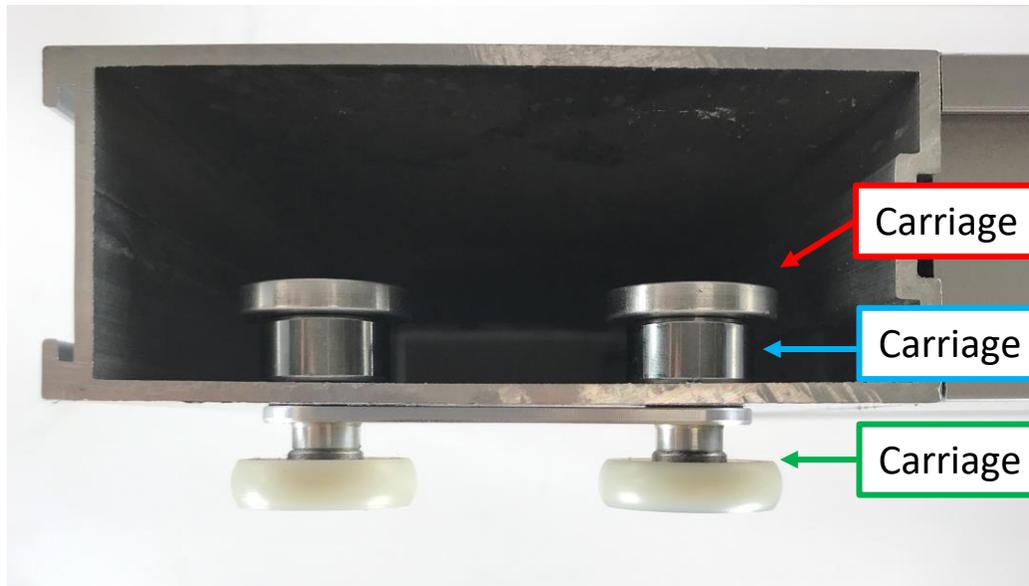
### Hole Location Dimensions (Shown Above):

$13/16''$  to center of the holes from the top edge of the door  
 $1 1/4''$  to center of hole from the side edges of the door

When installing Aluminum Framed Sliding Glass Doors the holes for the carriages will need to be pre-drilled, use the dimensions shown above for the hole locations. When drilling the holes only one side of the door will be drilled through, see next page for reference. We recommend drilling smaller pilot holes prior to drilling the  $1/2''$  holes for the carriages.

**For the Soft Close Triggers to engage the soft close units properly the carriages MUST BE drilled at the location above.**

## Aluminum Framed Sliding Glass Door Carriage Assembly:



Once the holes are drilled the carriages can be installed on the door. The flat side of the carriage will be facing down with the “DOOR EDGE” arrow pointing towards the top edge of the door. Place the carriage through the holes. Install the carriage spacer and carriage cap on the carriage. Tighten the carriage cap with a spanner wrench.

Note: If a spanner wrench is not available a pair of pliers can be used to tighten the carriage caps. The caps will not be seen once installed.

# Step 1: Install Aluminum Framed Door



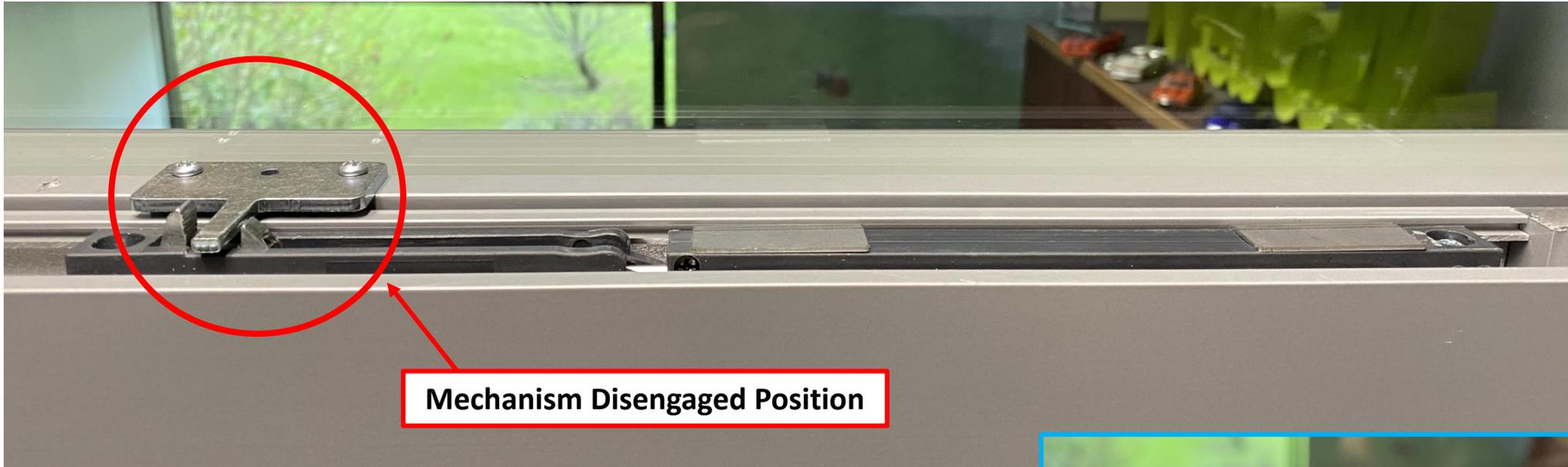
1. Install the Carriages into the C-Rail by pressing them into place or sliding them in from one end. Carriages to have the flat side down.
2. Stage the door next to the floor track.
3. Place the door on shims to align the carriage holes in the door with the carriages in the C-Rail.
4. Press the door tight against the C-Rail allowing the carriages to set into the holes in the door.
5. Use the Carriage Caps to attach the door to the carriages. Do not overtighten the caps.

## Step 2: Install Doorstops

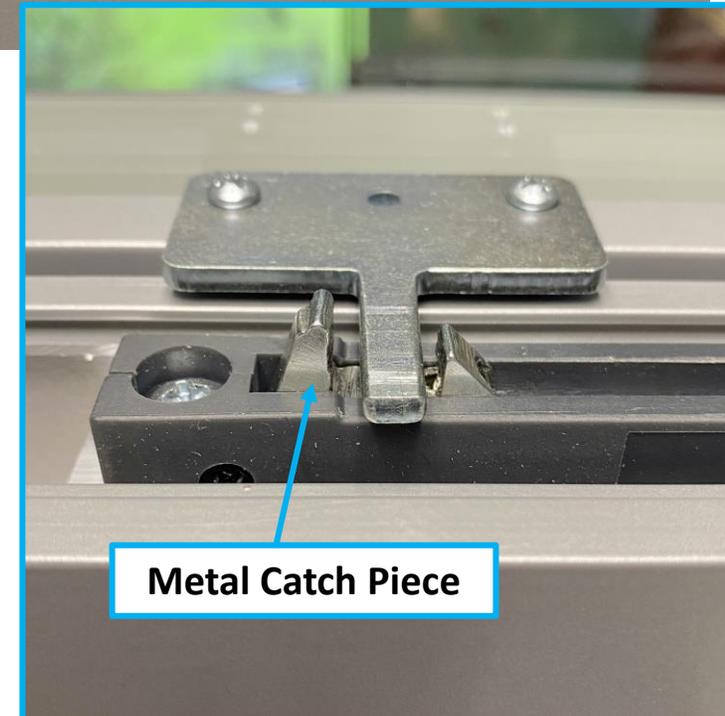


1. Install the bar-pull on the door.
2. Determine the location of the door stops:
  - Slide the door to the closed position. Place doorstop in front of the Carriage.
  - Open the door to give a **minimum 32" walkthrough opening**. Place the doorstop behind the Carriage wheel with the door in the open position.
  - When determining the open position door stop location consider the ability to grab the bar-pull.
3. With the doorstops located use the provided screws to attach the doorstops to the C-Rail. It is recommended to pre-drill a 7/64" hole when attaching the doorstops.

## Step 3: Trigger Location



1. To determine each trigger location the door **MUST BE** completely closed for the soft close function and completely open for soft open function
2. **The mechanism in the disengaged position is the location of the trigger.**
3. Mock the trigger in place. The trigger will be centered in the catch piece as shown in the photo.
4. Mark the location of the trigger. Move the door.
5. Install trigger to the top of the C-Rail.
  - Reference previous page for attaching instructions.
6. Repeat this process for the second trigger.



## Step 4: Soft Close Trigger Mounting



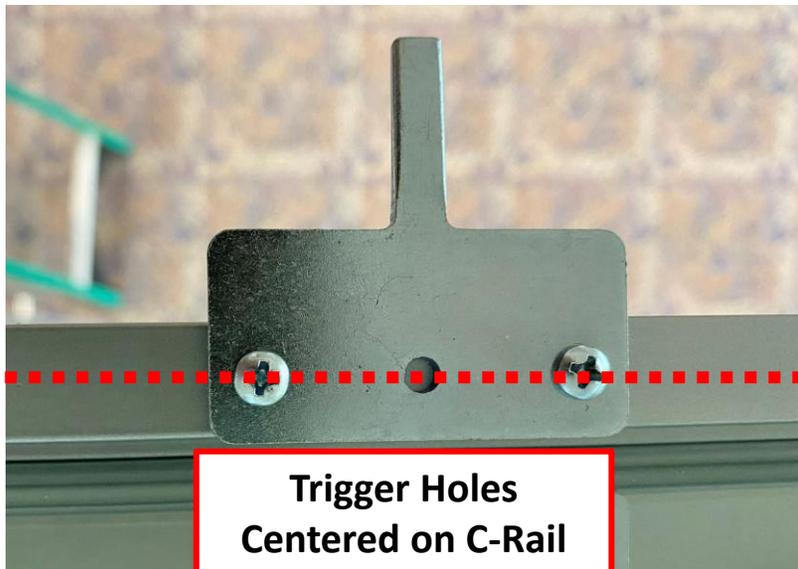
### Attaching the Trigger:

- On top of the C-Rail center the holes of the Trigger with the center of the C-Rail.
- Using the holes on each end pre-drill holes with a 7/64" drill bit.
- Attach the trigger to the top of the C-Rail using the supplied 3/8" attaching screws.
- CLEAN C-Rail to remove all metal shavings.

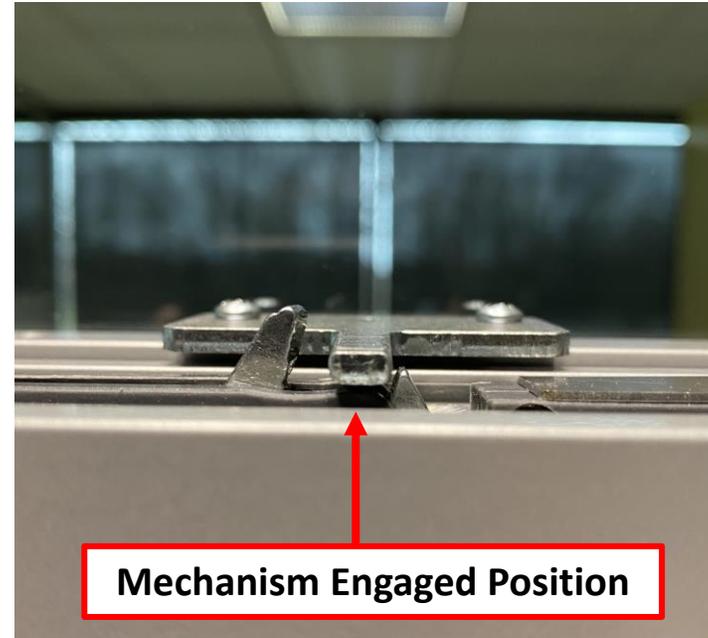
**\*\*See previous page for Soft Close Trigger location\*\***

### Trigger Function:

When the door is opened the trigger will pull the catch piece engaging the soft close function.  
When the door is closed the trigger will pull the catch piece engaging the soft open function.



## Step 5: Test/Complete Installation



Test the mechanisms by opening and closing the door. In the correct position each trigger will pull the catch piece to engage the mechanism. When the mechanism contacts the trigger, the trigger will initiate the soft close and/or soft open function.

Please Note: With the carriages in the correct location there will be a tight gap between the trigger and the catch piece. See photo for reference.

Installation is complete.