

## SLIDO® SLIDING DOOR HARDWARE INSTALLATION INSTRUCTIONS



### INSTALLATION INSTRUCTIONS FOR KIT NUMBERS:

#### Maximum 110 lbs.

499.72.110:

Slido Sliding Door Hardware Kit w/o Soft Close.

499.72.111:

Slido with Smuso 1-way Soft Close mechanism.  
Minimum Door W 19 5/8"

499.72.112:

Slido with Smuso 2 Separate Soft Close Mechanisms.  
Door W 29 9/32"

#### Maximum 176 lbs.

499.72.120:

Slido Sliding Door Hardware Kit w/o Soft Close.

499.72.121:

Slido with Smuso 1-way Soft Close mechanism.  
Minimum Door W 23 5/8"

499.72.122:

Slido with Smuso 2 Separate Soft Close Mechanisms.  
Door W 29 9/32" minimum

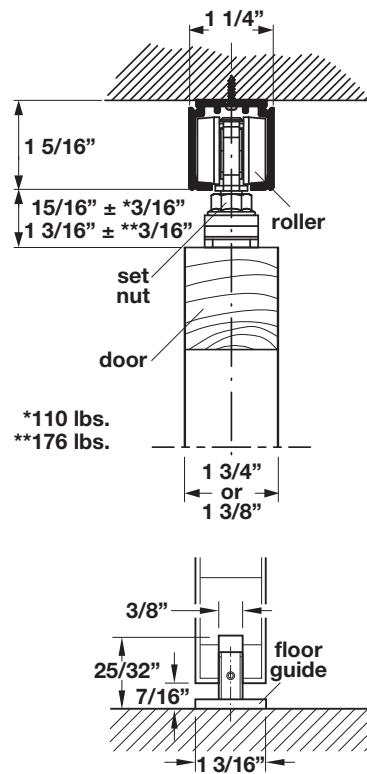
Estimated  
Install  
Time



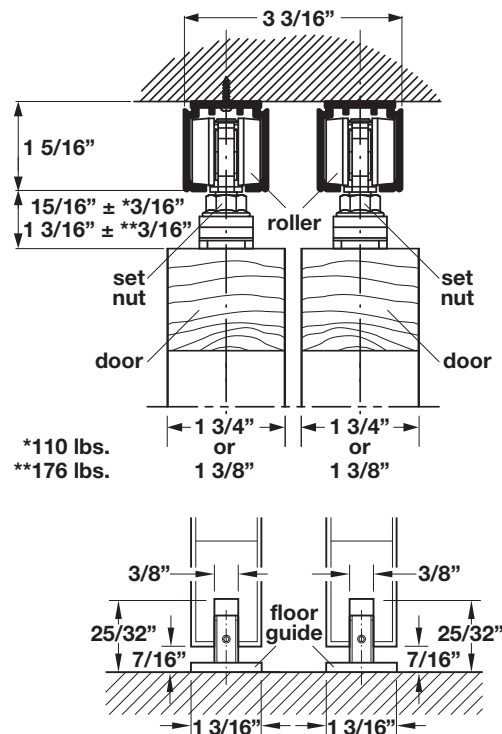
First Time: 1 hr.

Experienced: 1/2 hr.

## CROSS SECTION VIEW 1 DOOR



## CROSS SECTION VIEW BYPASSING



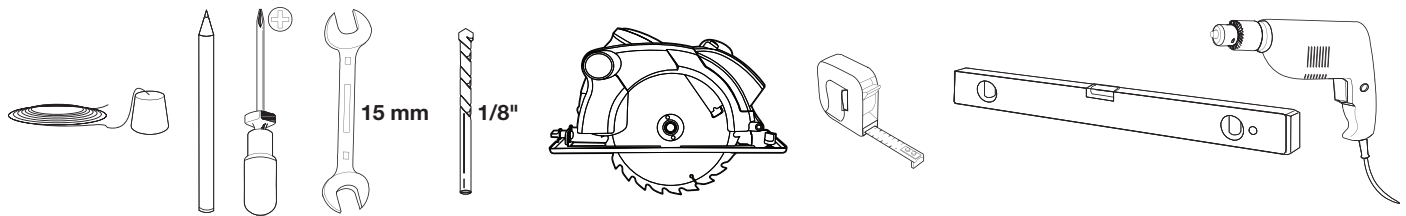
## INSTALLATION INSTRUCTIONS

The installation of Häfele sliding door hardware requires a working knowledge and experience in the use of tools, equipment and the methods necessary for the installation of wood doors. This assumes a familiarity with preparing a proper and structurally sound opening, and assumes an understanding of the fundamentals of building construction that affect the installation of residential and commercial door systems.

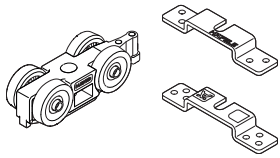
**IMPORTANT: READ COMPLETE INSTRUCTIONS BEFORE BEGINNING INSTALLATION.  
INSTALL AS RECOMMENDED OR DOOR MAY NOT FUNCTION PROPERLY.**

**CAUTION:** It is the responsibility of the building owner, architect, contractor or installer to insure that products selected conform to all applicable codes and regulations. Häfele America Co. assumes no liability for the failure of the building owner, architect, contractor, or installer to comply with all applicable laws, ordinances, safety regulations and building codes.

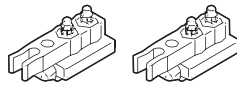
### TOOLS REQUIRED:



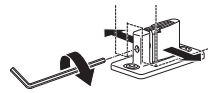
## PARTS SUPPLIED FOR NO SOFT CLOSE KITS: 499.72.110/120



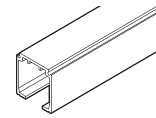
(2) Running Gears with  
(2) Suspension Plates



(2) Track Stoppers



(1) Floor Guide &  
(1) Hex Key

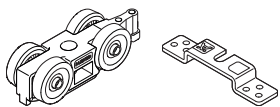


Upper Track

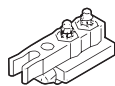


Screws

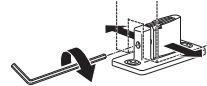
## PARTS SUPPLIED FOR 1-WAY SOFT CLOSE KITS: 499.72.111/121



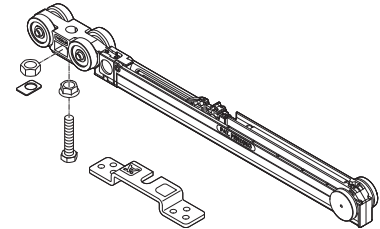
(1) Running Gears with  
(1) Suspension Plates



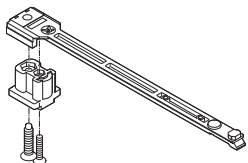
(1) Track Stoppers



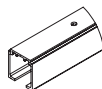
(1) Floor Guide &  
(1) Hex Key



(1) 1-Way Soft Close  
with Suspension Plate



(1) Soft Close Activator  
Arm with Stopper

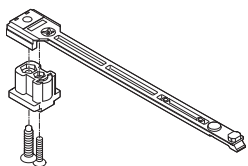


Upper Track

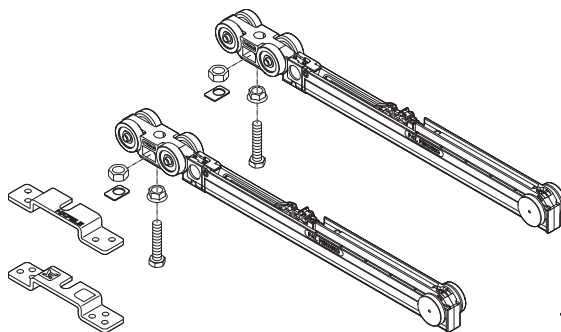


Screws

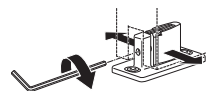
## PARTS SUPPLIED FOR 2-WAY SOFT CLOSE KITS: 499.72.112/122



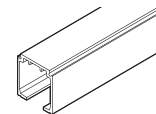
(2) Soft Close Activator  
Arms with Stoppers



(2) 2-Way Soft Close Twin Mechanisms  
with (2) Suspension Plates



(1) Floor Guide &  
(1) Hex Key



Upper Track



Screws

Check all parts carefully before assembly. Check that the sizes of the components match what was ordered. Compare to the elevation drawing indicating size and configuration. Confirm whether the door will be wall or floor mounted. Handles and pulls are ordered separately. Parts supplied are for a 1 wood door only. **For bypassing, order 2 kits.**

## STORAGE & HANDLING

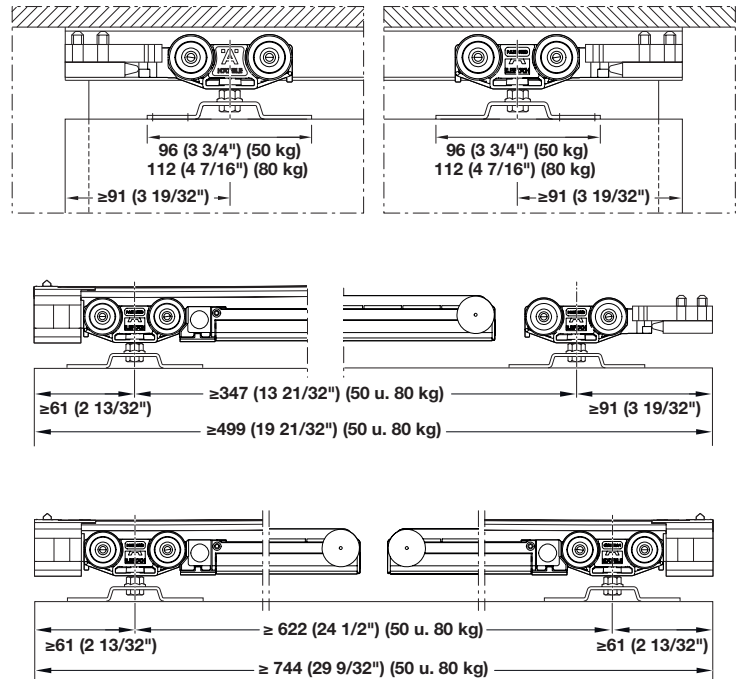
On delivery, inspect the order to be certain it is in good condition. Store all parts in a clean and dry location that offers protection against damage. Make sure any small parts, such as screws, are stored in a manner to prevent loss or misplacement. Do not subject wood parts to extreme or rapid changes in heat or humidity.

## STEP 1: CHECK OPENING DIMENSIONS

For adequate clearance and adjustment space, the opening should be level, plumb and square. Eliminate any unevenness, sagging or crowning from the opening sill. The sides should be on the same vertical plane and not offset.

### VERIFY DIMENSIONS

There are several kits that include soft close mechanisms. For proper operation, check for the correct door weight, door width and suspension plate placement.



Ideal door width/door height ratio 1 to 3 however it can be smaller if required. Suspension points should be as far towards the edge of the door as possible.

## STEP 2: MEASURE AND MARK

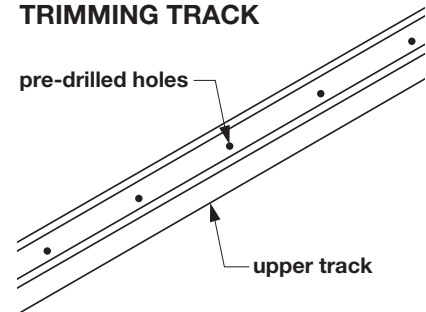
The Upper Track in this kit is either 6' 6 3/4" or 8' 2 7/16". If the door opening is a different size, the track will have to be manually measured and marked to the correct opening width.

## STEP 3: TRIM THE UPPER TRACK

If needed, cut the Upper Track on either the right or left side.

- Dimensions that require cutting into a pre-drilled hole, require drilling a new hole adjacent to the cut hole for secure attachment

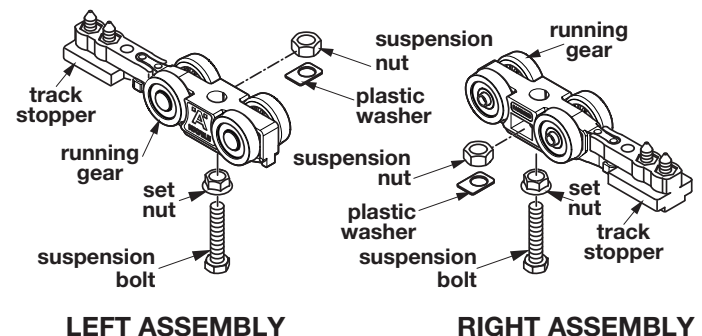
### TRIMMING TRACK



## STEP 4: ASSEMBLE RUNNING GEAR (KITS WITHOUT 2-WAY SOFT CLOSE)

- Insert the Washer and Suspension Nut into the Running Gear (shown right).
- Assemble Running Gear by screwing the Bolt into the Set Nut through the bottom of the Running Gear and into the Washer and Suspension Nut

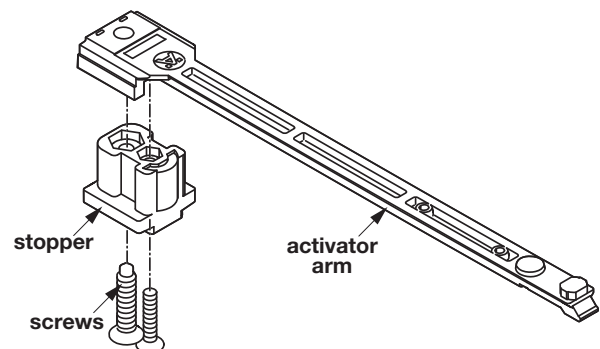
### ASSEMBLING RUNNING GEAR



## STEP 5: ASSEMBLE ACTIVATOR ARM AND STOPPER (KITS WITH SOFT CLOSE)

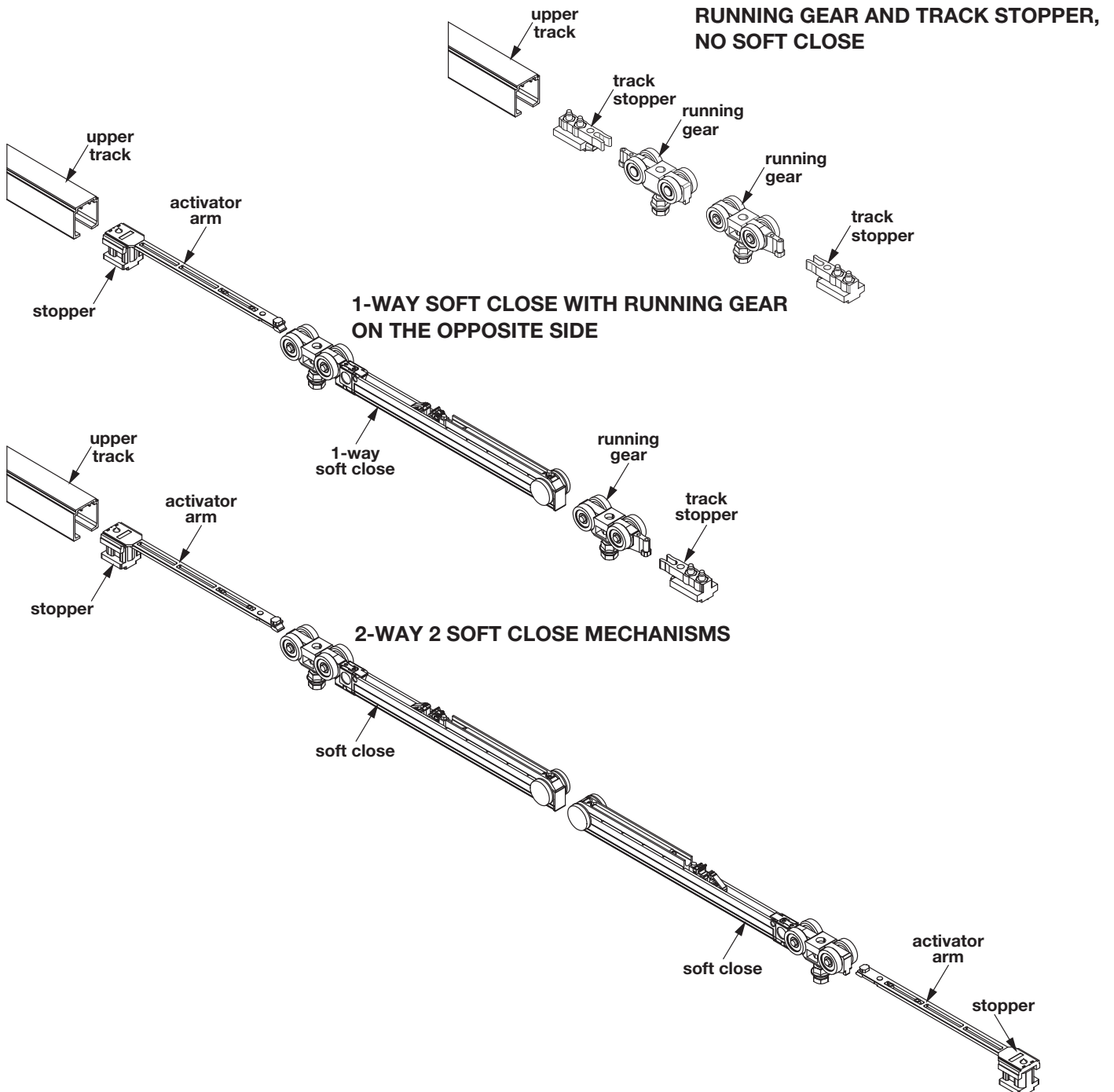
- Insert Stopper into Activator Arm
- Screws are already inserted into the Stopper

### ACTIVATOR ARM ASSEMBLY



## STEP 6: INSERT COMPONENTS INTO UPPER TRACK

- Insert Soft Close Mechanism(s), Activator Arm(s) and Stopper(s) into the Upper Track for kits that use a Soft Close Mechanism (see order of insertion in drawings below)
- Insert Running Gear and Track Stopper into the Upper Track for kits that do not use soft close (see order of insertion in drawings on opposite page)
- Check that the Running Gear rollers are facing up
- A Stopper or Track Stopper must be used in the end of the open-ended application to protect the Running Gear or Soft Close Mechanism from slamming into the frame and being damaged
- Check that all parts are facing in the correct direction

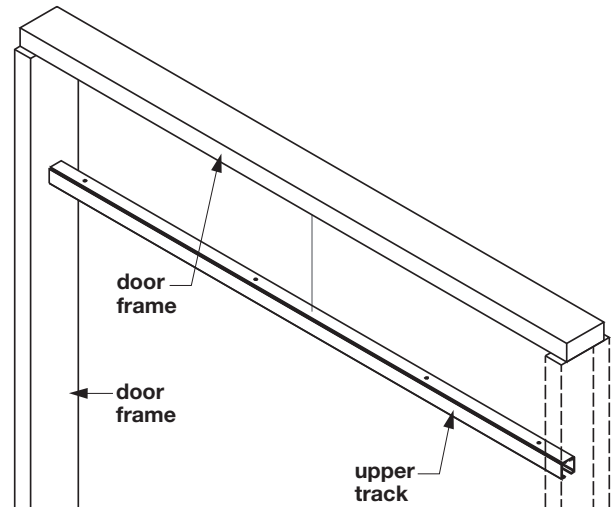




## STEP 7: ATTACH THE UPPER TRACK

- Screw Upper Track to the frame support using the pre-drilled holes
- The last screw should be no more than 4" from the end of the track

### ATTACHING UPPER TRACK



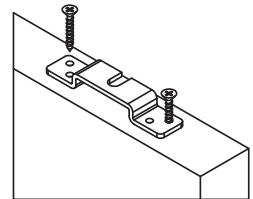
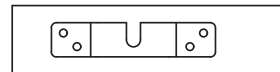
## STEP 8: ATTACH SUSPENSION PLATES

Suspension Plates attach to the **top** of each door panel. Suspension Plates supplied with kits will either have 4 holes or 6 holes. For a bypassing door application, attach 2 Suspension Plates to each door panel.

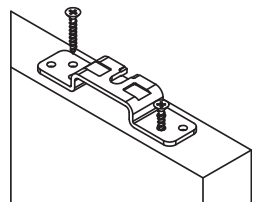
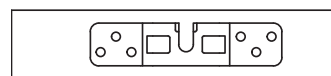
- Measure from the ends of each door panel to the mid-point of the Suspension Plate (refer to the drawings in Step 1, page 5)
- Center Suspension Plate on top of door panel
- Attach using the provided screws
- Use all 4 or 6 screws for secure placement

### PLACEMENT OF SUSPENSION PLATES

#### 4-hole suspension plate



#### 6-hole suspension plate



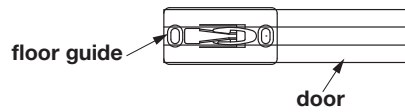


## STEP 9: PLACEMENT OF FLOOR GUIDE

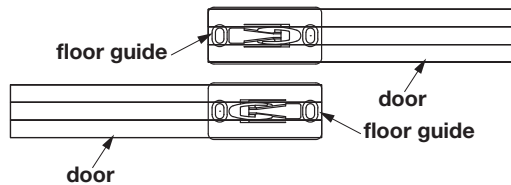
The Floor Guide is positioned to keep the door steady, centered and in line with the Upper Track.

- Cut a  $\frac{3}{8}$ " wide by  $\frac{25}{32}$ " deep groove in the bottom of the door for the Floor Guide
- Place the Floor Guide as shown in the drawings below
- Pre-drill holes using the Floor Guide as a template

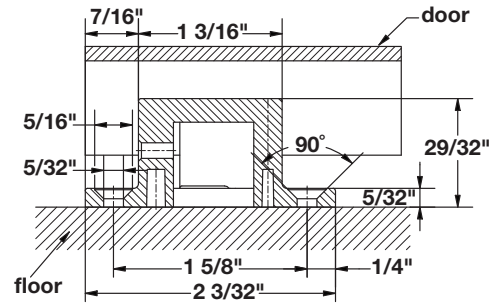
**TOP VIEW OF 1 DOOR**



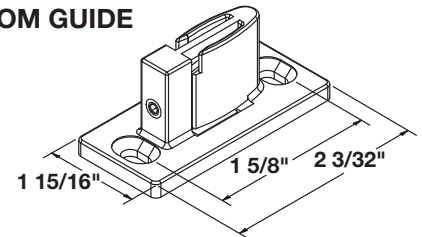
**TOP VIEW OF 2 DOORS**



**CROSS-SECTION OF FLOOR GUIDE**



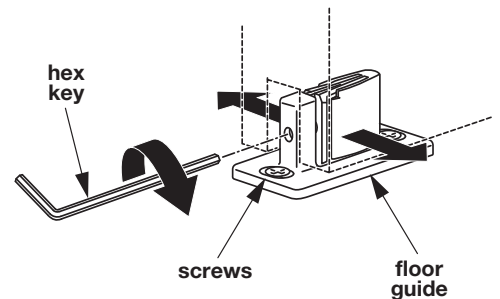
**BOTTOM GUIDE**



## STEP 10: ATTACH FLOOR GUIDE

- Attach the Floor Guide to the floor with the provided #8 wood screws
- Use the hex key to adjust the Floor Guide

**ATTACHING THE FLOOR GUIDE**

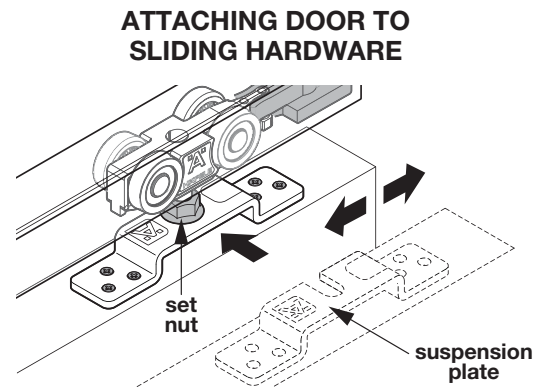


## STEP 11: HANG DOOR PANELS

- Position bottom of door with groove over the Floor Guide
- Lift door slightly to attach to either the Running Gear or Soft Close assemblies
- Slide the Suspension Plate on the Bolt of the Soft Close Mechanism on kits with soft close

OR

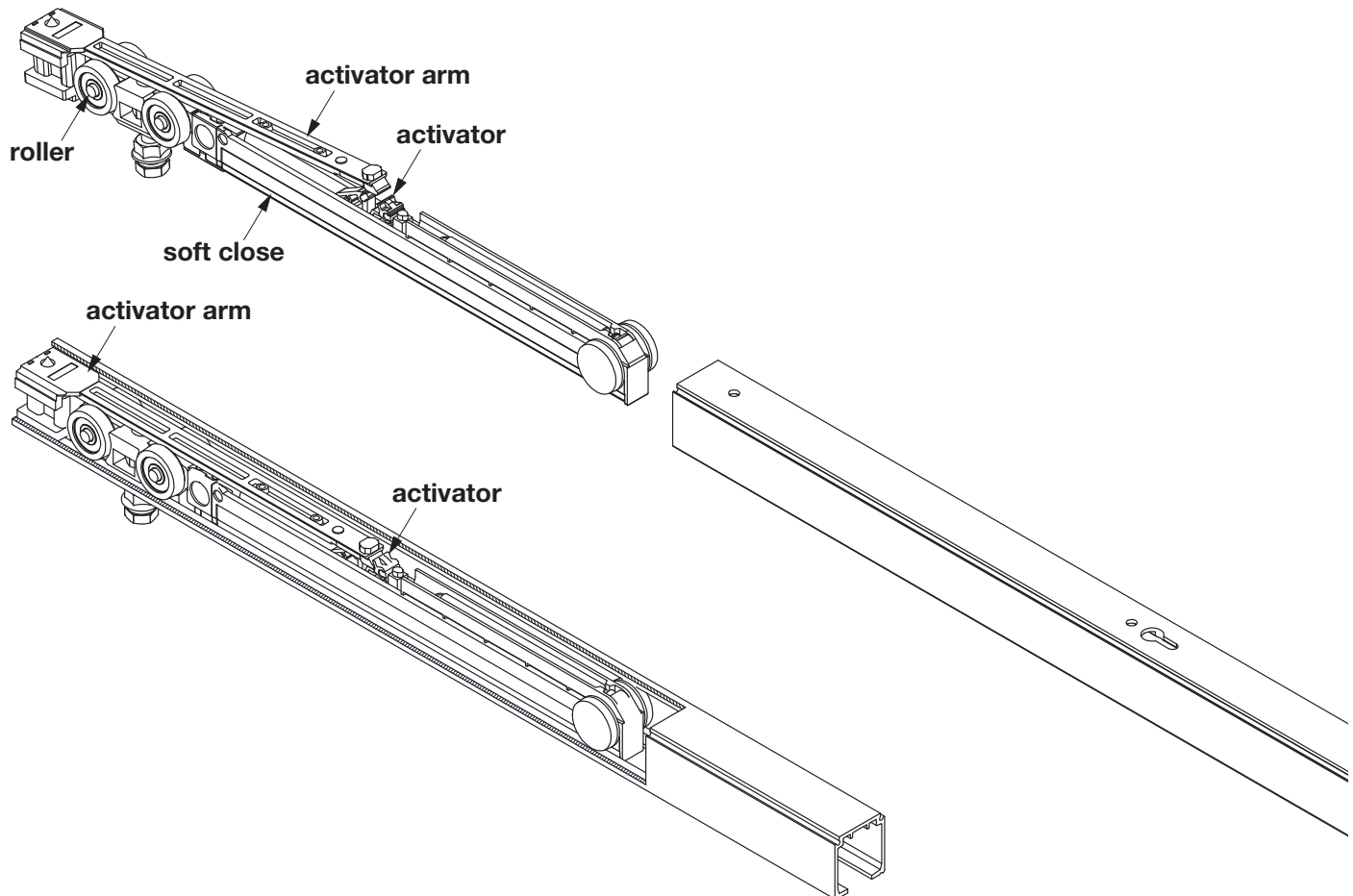
- Slide the Suspension Plate onto the Bolt of the Running Gear on kits without soft close
- Adjust the doors by tightening or loosening of the Suspension Bolt for proper clearance and alignment
- Doors should be parallel to the Upper Track and operate smoothly
- Once the final adjustment is made, lock the Suspension Bolt in place by tightening the Set Nut to the Suspension Plate



## STEP 12: (KITS WITH SOFT CLOSE) ENGAGE ACTIVATOR ARM TO SOFT CLOSE MECHANISM

The Activator Arm **must** engage with the Soft Close mechanism in order to slow and stop door movement to provide the “soft close” experience.

### ENGAGE ACTIVATOR ARM



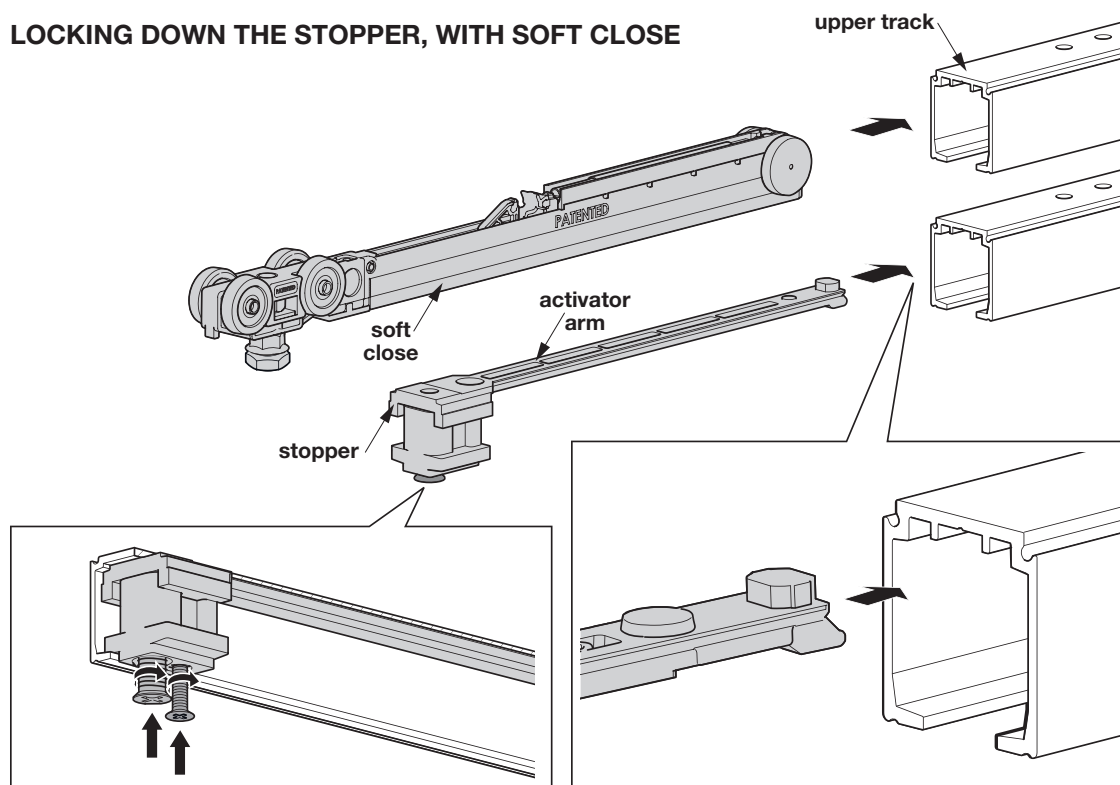
- Slide the door panel toward the frame support on the right or left
- Both screws in the Stopper must be tightened or the Activator Arm could make contact with the rollers or scrape the Soft Close Mechanism
- As the Soft Close Mechanism reaches the Activator Arm the arm must engage with the flexible Activator
- If the door stops short of the wall, measure the difference, unscrew the Stopper and adjust the location of the Stopper to eliminate the gap between the door and the wall
- If the Stopper is too far back, the Activator Arm may stop in a position that could allow the door to hit the jamb
- Adjust until the door is operating correctly, swinging freely, slowing and stopping when engaged with the Soft Close Mechanism



## STEP 13: TIGHTEN TRACK STOPPER

- Adjust the Stopper and tighten the attached screws
- Lock Stopper in place

### LOCKING DOWN THE STOPPER, WITH SOFT CLOSE



### LOCKING DOWN THE STOPPER, WITHOUT SOFT CLOSE

