THANK YOU for purchasing Real Sliding Hardware. Our hardware will add a stunning accent to your living environment and maximize its space. It is made with the highest quality raw materials and finished by craftsmen in USA. We are proud of our products and hope you enjoy how they enhance your world.

This manual covers the installation of the hardware for our flat track systems. It covers installation for five different models. These include: Classic, Prop, Aero, Hammered, and Horseshoe. We always stand behind our product. If you have any questions during the installation process feel free to call, or email, us at:

Customer Service: 1-800-694-5977
Email: info@realslidinghardware.com
Web: www.realslidinghardware.com

Contents

Safety .................................................. 1
Parts ................................................... 2
Hardware ................................................. 2
Tools Required ........................................ 4
Installation .............................................. 4
1. Check Top of Door Clearance ................. 4
2. Check Structural Support ............................. 5
3. Check Door to Wall Clearance .................. 7
4. Assembling the Door ............................... 8
5. Mounting a Single Door ......................... 12
6. Mounting Bi-parting Doors ..................... 17
Product Care ............................................ 17
**WARNING!**

- Failure to wear proper safety gear (i.e., eye protection) may result in serious injury or death. Always wear proper safety gear before using power tools.
- Improper operation of power tools may result in loss of control, serious injury or death. Always ensure you have complete control of the power tool and the work area is free of hazards before operating a power tool.
- Lack of secure clamping of the door may result in unexpected movement of the door, loss of power tool control and serious injury or death. Always securely clamp the door in place before cutting, or drilling, the door.
- Lack of, or improperly installed Anti-jump Disc may result in the door coming off the track and cause serious injury or death. Installation of Anti-jump Disks are required for safe operation of this hardware. Installed properly, these discs will keep the door securely attached to the track.

**CAUTION!**

- Mishandling of heavy objects (i.e., doors) may cause a loss of balance and serious injury. Always be sure you have a secure hold on the object and are balanced before moving the object. Always wear safety shoes when lifting heavy objects.
- Getting body parts (i.e., hair, fingers) caught in moving parts may cause pinching and serious injury. Do not put fingers in parts that may move and always remove or contain anything on your body that may become entangled with a moving part.
- Closing sliding doors with your hand on the end of the door may result in your hand, or fingers, getting caught between the door and other solid objects (i.e., another door, molding) causing serious injury. Always use the door handle to close doors.

**NOTICE**

Use of excessive force when opening, and closing, the door(s) may result in damage to the hardware. Always hold the handle and gently open and close the door(s).
HARDWARE

Before you begin, check that you have the parts you need in your kit. The table below indicates the model and quantity of the part.

### Classic & Hammered

<table>
<thead>
<tr>
<th>Part</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Standoff Base</td>
<td>varies</td>
</tr>
<tr>
<td>2. Standoff Extension</td>
<td>varies</td>
</tr>
<tr>
<td>3. Hex Bolt &amp; Nut</td>
<td>4</td>
</tr>
<tr>
<td>4. T-Guide</td>
<td>1</td>
</tr>
<tr>
<td>5. Hanger</td>
<td>2</td>
</tr>
<tr>
<td>6. End Stop</td>
<td>2</td>
</tr>
<tr>
<td>7. Anti-jump Disc</td>
<td>2</td>
</tr>
<tr>
<td>8. Spice Plate (multi-track only)</td>
<td>varies</td>
</tr>
<tr>
<td>9. Hex Head Lag Bolt</td>
<td>varies</td>
</tr>
<tr>
<td>10. 2 1/2&quot; Spacer</td>
<td>1</td>
</tr>
<tr>
<td>11. Track</td>
<td>varies</td>
</tr>
</tbody>
</table>

### Prop

<table>
<thead>
<tr>
<th>Part</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Standoff Base</td>
<td>varies</td>
</tr>
<tr>
<td>2. Standoff Extension</td>
<td>varies</td>
</tr>
<tr>
<td>3. Hex Bolt &amp; Nut</td>
<td>4</td>
</tr>
<tr>
<td>4. T-Guide</td>
<td>1</td>
</tr>
<tr>
<td>5. Hanger</td>
<td>2</td>
</tr>
<tr>
<td>6. End Stop</td>
<td>2</td>
</tr>
<tr>
<td>7. Anti-jump Disc</td>
<td>2</td>
</tr>
<tr>
<td>8. Spice Plate (multi-track only)</td>
<td>varies</td>
</tr>
<tr>
<td>9. Hex Head Lag Bolt</td>
<td>varies</td>
</tr>
<tr>
<td>10. 2 1/2&quot; Spacer</td>
<td>1</td>
</tr>
<tr>
<td>11. Track</td>
<td>varies</td>
</tr>
</tbody>
</table>
**Horseshoe**

<table>
<thead>
<tr>
<th>Part</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Standoff Base</td>
<td>varies</td>
</tr>
<tr>
<td>2. Standoff Extension</td>
<td>varies</td>
</tr>
<tr>
<td>3. T-Guide</td>
<td>1</td>
</tr>
<tr>
<td>4. Hanger</td>
<td>2</td>
</tr>
<tr>
<td>5. End Stop</td>
<td>2</td>
</tr>
<tr>
<td>6. Anti-jump Disc</td>
<td>2</td>
</tr>
<tr>
<td>7. Hex Bolt &amp; Nut</td>
<td>6</td>
</tr>
<tr>
<td>8. Hex Head Lag Bolt</td>
<td>varies</td>
</tr>
<tr>
<td>9. Spice Plate (multi-track only)</td>
<td>varies</td>
</tr>
<tr>
<td>10. 2 1/2&quot; Spacer</td>
<td>1</td>
</tr>
<tr>
<td>11. Track</td>
<td>varies</td>
</tr>
</tbody>
</table>

**Aero**

<table>
<thead>
<tr>
<th>Part</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Standoff Base</td>
<td>varies</td>
</tr>
<tr>
<td>2. Standoff Extension</td>
<td>varies</td>
</tr>
<tr>
<td>3. T-Guide</td>
<td>1</td>
</tr>
<tr>
<td>4. Hanger</td>
<td>2</td>
</tr>
<tr>
<td>5. End Stop</td>
<td>2</td>
</tr>
<tr>
<td>6. Anti-jump Disc</td>
<td>2</td>
</tr>
<tr>
<td>7. #14 Wood Screw</td>
<td>4</td>
</tr>
<tr>
<td>8. Hex Head Lag Bolt</td>
<td>varies</td>
</tr>
<tr>
<td>9. Spice Plate (multi-track only)</td>
<td>varies</td>
</tr>
<tr>
<td>10. Track</td>
<td>varies</td>
</tr>
</tbody>
</table>

**Note:**
- Washer quantity varies with order.
- Anti-crush Rings are optional. Call customer service to order.
The following installation steps are covered in this section:
1. Check top of door clearance
2. Check structural support
3. Check door to wall clearance
4. Assemble the door(s)
5. Mounting the track for a single door
6. Mounting the tracks for bi-parting doors

**TOOLS REQUIRED**

<table>
<thead>
<tr>
<th>Hand Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16” wrench</td>
</tr>
<tr>
<td>(socket or crescent)</td>
</tr>
<tr>
<td>#2 Phillips Screw Driver</td>
</tr>
<tr>
<td>(Aero only)</td>
</tr>
<tr>
<td>3/4” wrench</td>
</tr>
<tr>
<td>3/8” drill bit</td>
</tr>
<tr>
<td>1/8” drill bit</td>
</tr>
<tr>
<td>Laser or level</td>
</tr>
</tbody>
</table>

**Power Drill**

**Router**

1. **Check Top of Door Clearance**

Before mounting the track, measure and check there will be sufficient clearance for the hanger. The following table shows the minimum clearance needed between the top of the door and the ceiling line.

<table>
<thead>
<tr>
<th>Hanger Model</th>
<th>Minimum Clearance from top of Door to Ceiling Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic</td>
<td>6”</td>
</tr>
<tr>
<td>Prop</td>
<td>5 1/2”</td>
</tr>
<tr>
<td>Aero</td>
<td>5 1/2”</td>
</tr>
<tr>
<td>Hammered</td>
<td>6 1/4”</td>
</tr>
<tr>
<td>Horseshoe</td>
<td>6”</td>
</tr>
</tbody>
</table>
2. Check Structural Support

If there is not adequate support (i.e., blocking or head casing) for the weight and movement of the door(s), then you must add structural support before attaching the track(s) and door(s) to the wall. Follow these steps to add structural support to an unfinished or finished wall.

**Important!** All track systems must be attached to interior blocking or a head casing.

**Unfinished Wall**

1. Determine which direction you wish to open the door and add, or install structural support in that direction.

2. Check the length of the track(s) and determine the number of blocks you will need. Keep in mind the suggested door-to-frame overlap of 1” per side for doors up to 54” and 2” overlap per side for larger doors.

3. Cut the 2 x 6 block(s) to the correct length(s) between the wall studs.

4. Place the blocking at the appropriate height.
   
   **Note:** Add two (2”) inches to the height of the door, this is the ideal center of the blocking.

5. Position the wide face of the blocking so it is flush with the front surface of the wall studs.

6. Securely fasten the blocking to the wall studs.
Finished Wall

**Important!** The maximum door weight rating for attaching a door to head casings alone with no wall blocking, is 75 lb. (see unfinished wall section for installing structural support for heavier doors). The head casing must be a minimum of 1" thick and it is recommended it be a hardwood such as oak or poplar. We also recommend that you paint or stain the head casing before attaching it to the wall.

1. Determine which direction you wish to open the door and open the door and follow directions below accordingly.
2. Check the length of the rail(s). Cut the head casing to the desired length.  
   **Note:** The length of the head casing can be oversize if desired.
3. Using a stud-finder, find and lightly mark the location of the wall studs.
4. Place, and level, the head casing.
5. Securely fasten the head casing to the wall studs at the marked locations.
3. Check Door to Wall Clearance

**Important!** All hanger styles except Aero require a minimum clearance of 3/8” between the door and wall / existing molding. See the table below for typical standoff arrangements. Recess the bolt heads, or use standoff extensions to achieve the necessary clearance.

<table>
<thead>
<tr>
<th>Door Thickness</th>
<th>Standoff Arrangement *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 1 3/4”</td>
<td>1 1/8” standoff base</td>
</tr>
<tr>
<td>From 2” to 2 1/4”</td>
<td>Standoff base plus 1/2” extension</td>
</tr>
</tbody>
</table>

* Note: Maximum total standoff depth of 1-7/8” to maintain door weight rating.

![Diagram of standoff and clearance](image-url)
4. Assembling the Door

**Important!** The hardware is rated to handle a maximum door weight. Do not attach a door that exceeds the weight capacity of the hardware.

<table>
<thead>
<tr>
<th>Track Type</th>
<th>Maximum Door Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic</td>
<td>400</td>
</tr>
<tr>
<td>Prop</td>
<td>200</td>
</tr>
<tr>
<td>Aero</td>
<td>200</td>
</tr>
<tr>
<td>Hammered</td>
<td>400</td>
</tr>
<tr>
<td>Horseshoe</td>
<td>550</td>
</tr>
</tbody>
</table>

Cut the T-Guide Slot (T-Guides Only)

Bottom guides keep the door from swinging in and out. There are three types of bottom guides, the T-Guide, C-Guide, and the Wall Mounted Stay Roller. Of the three guides, only the T-Guide requires door preparation. Follow these steps to cut the slot for the T-Guide:

1. Securely clamp the door.
2. Using a router with 1/4” slot cutter, cut a slot that is 5/16” wide by 1/2” deep. Several passes of the router will be necessary.
Attaching the Hangers (Except Aero)

There are five types of hangers for the flat track system. All of them, except Aero, require mounting holes drilled through the door. Use the following chart to select the correct drill bit for the mounting holes:

<table>
<thead>
<tr>
<th>Track Type</th>
<th>Hanger Mount</th>
<th>Drill Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic, Prop, Hammered, Horseshoe</td>
<td>Side</td>
<td>Drill a 3/8” dia. clearance hole</td>
</tr>
</tbody>
</table>

**Important!** Do not drill side mounting holes if you have Aero hardware.

Classic, Prop, Hammered, and Horseshoe hangers are mounted on the front (outside face) of the door. Follow these steps to attach the hangers to the door:

1. Place the hanger (with 2 1/2” spacer set into groove of wheel) on top of the door.  
   **Note:** You can use stiff cardboard if needed.

2. Position the hanger the desired distance in from the outside edge of the door.  
   **Note:** Two (2”) inches is a recommended distance from the outside edge of the hanger and outside edge of the door for all hangers.

3. Place a square against the hanger and square the hanger to the door.

4. Mark the hole positions.

5. Setup your power tool with the correct drill bit.

6. From the face to the door, drill a pilot hole through the face of the door.

7. Drill the clearance hole.

8. Place the hanger over the mounting holes and square it to the door.

9. Insert the correct hex bolts and washers from the back of the door.

10. Place the cap nut and washers on the bolt and securely fasten.
Examples of Attaching the Hanger

Classic / Hammered Hanger

Prop Hanger

Horseshoe Hanger
Attaching Aero Hangers

Aero hangers can be mounted on the top of the door (non-mortised) or recessed in a pocket (mortised). For aesthetics sake it is recommended to mount Aero hangers in a recessed pocket. **Note:** If you choose to mount the hanger on top of the door without a pocket, then add 3/16” to the track mounting height.

Follow these steps to attach the hangers in a recessed pocket:

1. Determine the desired distance in from the outside edge of the door.  
   **Note:** Two (2”) inches is a recommended distance from the outside edge of the hanger strap and outside edge of the door.

2. Layout and cut a pocket that is 1 1/8” wide and a minimum 4 1/2” long.  
   **Note:** You will need to cut, or chisel, clearance for the hanger strap.

3. After ensuring the hangers are aligned and level, drill 1/8” diameter pilot holes for the #14 wood screws.

4. Fasten the hanger to the door with the #14 wood screws provided.

---

**Aero Pocket Dimensions**

- 1 1/8”
- 4 1/2”
- 1/2”

**Note:** Cut or chisel clearance for hanger strap.

---

**Aero Installation**

- #14 Wood Screw
- Hanger Strap
- 2”

---

1/2”
5. Mounting a Single Door

Mounting the Track to the Wall

Follow these steps to mount the track for a single door installation:

1. To locate the position of the first mounting hole on the track:
   a. Mark where the closed position of the door will be and measure 1 1/8" in from this point.
   b. Mark the location of the first mounting hole.
   c. Calculate the distance from the floor to the track mounting holes. Mark the position for the first mounting hole.

<table>
<thead>
<tr>
<th>Track Type</th>
<th>Guide Clearance</th>
<th>Door Height</th>
<th>Distance from top of door to mounting hole</th>
<th>Distance from floor to track mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic, Prop, Aero, Hammered, Horseshoe</td>
<td>1/2&quot;</td>
<td></td>
<td>1 1/2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

2. You can mount the track with, or without, Drywall Anti-crush Rings:
   **If you are mounting the track without Drywall Anti-crush Rings:**
   a. Pre-drill 1/8" diameter pilot hole for the first mounting hole.
   b. Drill a 3/8" diameter hole for the first mounting bolt.

   **If you are mounting the track with Drywall Anti-crush Rings:**
   With proper blocking behind the drywall, you can mount the track(s) on top of the drywall or use Drywall Anti-crush Rings. **Note:** The optional Anti-crush Rings come in 1/2” and 5/8” thickness.
   a. Use a 1 1/2” spade/paddle bit and drill a clean hole through the drywall until you reach the blocking.
   b. Insert the Drywall Anti-crush Ring (sold separately).
   c. Pre-drill 1/8” diameter pilot hole for the first mounting hole.
   d. Drill a 3/8” diameter hole for the first mounting bolt.
3. Hold the track to the wall. Loosely screw the track in place.

4. Level the track and mark the remaining mounting hole locations. **Note:** If multiple tracks (i.e., 10 ft., 12 ft., 14 ft. kits) are being installed for a single door, then you may use a Splice Plate to connect the tracks.

5. Repeat step 2 on the remaining mounting holes.

6. On the first mounting hole, remove the track. Place a Standoff (and extensions, if using) behind the track and place an End Stop on the track. **Note:** Depending on your installation you may have a Fixed End Cap or an Adjustable End Cap. Follow these steps to attach the appropriate end cap.

**If you are attaching a Fixed End Stop:**

a. Place an End Stop over the mounting hole (with the cushion pad facing the center of the track).

b. Loosely screw the Lag Screw into the wall.

c. On the opposite end mounting hole, place a Standoff (and extensions, if using) behind the track and an End Stop on the front of the track.

d. Place a Standoff behind each of the remaining mounting holes and screw the track securely to the wall.

**If you are attaching an Adjustable End Stop:**

**Important!** If your installation requires Adjustable End Stops, they must be first be placed at their proper location on the track, before track is affixed to wall.

a. Loosen the set screws with Allen wrench provided.

b. Slide the Adjustable End Stop on track (with the cushion pad facing the center of the track).

c. Place a Standoff behind each of the remaining mounting holes and screw the track securely to the wall.

d. Hang the door(s).

e. Adjust the End Stops to desired final position, and tighten securely with the Allen wrench.
Attaching the Door
Follow these steps to attach the door:
1. Lift the door and place the track into the grooves on the hanger wheels.
2. Move the door from end to end and test how the door slides.

Door Guide Installation
This section provides installation instruction for the following door guides:
- T-Guide
- C-Guide (optional)
- Wall Mounted Stay Roller (optional)
- Industrial Floor Mounted Stay Roller (optional)

Follow these steps to install a T-Guide, C-Guide or Wall Mounted Stay Roller:
1. Plumb, and block, the door so it is square to the floor.
2. Determine how wide the door overlap is (minimum 1”).
   **Note:** The door overlap is the distance between the leading edge of the door when fully open, and the trailing edge of the door when fully closed.
3. Mark the centerline of the overlap.
4. Place the guide and slide it to the centerline of the overlap and mark the edges of the base.
5. Remove the door from the track.
6. Re-align the guide to the base markings. Pre-drill and install the guide.
7. Put the door back on the track and slide it to test. If necessary, adjust the guide so it is square to the door.

Follow these steps to install a Industrial Floor Mounted Stay Roller:
1. Plumb, and block, the door so it is square to the floor.
2. Determine how wide the door overlap is (minimum 1”).
   **Note:** The door overlap is the distance between the leading edge of the door when fully open, and the trailing edge of the door when fully closed.
3. Mark the centerline of the overlap.
4. Place the guide in front of the door, on the centerline of the overlap.
5. Pre-drill and install the guide.
6. Put the door back on the track and slide it to test. If necessary, adjust the guide so it is square to the door.
Installed T-Guide

1" overlap

Center of T-Guide

Installed C-Guide

Installed Stay Roller

T-Guide

C-Guide

Stay Roller
Install the Anti-jump Disc

**WARNING!** Lack of, or improperly installed Anti-jump Disc may result in the door coming off the track and cause serious injury or death. Installation of Anti-jump Disks are required for safe operation of this hardware. Installed properly, these discs will keep the door securely attached to the track.

Follow these steps to install the Anti-jump Disc on all models except when Aero hangers are mounted on top of the door (not recessed):

1. Locate the screw for the Anti-jump Disc 3/8” of an inch in from the front edge of the door, between the hanger and outside edge of the door.
2. Drill a pilot hole for the screw.
3. Place the Anti-jump Disc on the top of the door and screw in place.
4. Repeat steps 1 through 3 for the remaining hanger.

Follow these steps if the Aero hangers are mounted on top of the door (not recessed):

**Note:** The Anti-jump disc must be installed after the door is mounted on the track.

1. On the Aero hanger base plate there are two small holes. Choose the one that is towards the outside of the door. Drill a pilot hole for the screw.
2. Place the Anit-jump disc on the top of the door and screw in place.
3. Repeat steps 1 and 2 for the remaining hanger.
6. Mounting Bi-parting Doors

The steps to install bi-parting doors are the same as the installation of a single door except you will be mounting two separate tracks. One for the left-hand door and one for the right-hand door. **Note:** These tracks are not connected so a splice is not needed. Follow these steps to mount two tracks:

1. Determine the center of the doorway.
2. Start with the left side door and follow the instructions for mounting a single door.
3. After attaching the track on the left side, butt the end of the tracks together and repeat the steps for mounting a single door.

Product Care

**Powdercoated Finishes**

If damage to a powder coated finish occurs during installation, apply touch-up paint (not included, available for purchase).

**Raw Steel**

An attractive surface rust may develop on raw steel in humid environments. Surface rust does not affect the structural integrity of the hardware. If this appearance is not desired, remove rust deposits using a Scotch-Brite™ pad and then apply wax, such as Johnson® Paste Finish Wax. After letting the wax sit, buff with a lint free cloth.

**Brushed Stainless Steel**

- Polish and protect your finish with included silicone-impregnated polishing cloth.
- Use a Scotch-Brite™ pad to buff out minor scratches and imperfections.
- Periodically check the hardware for loose fasteners. Verify fasteners are secure.
- Keep the track and wheels free of dust and debris. Periodically wipe the track with a lint-free cloth dampened with water, a household stainless steel cleaner, or a silicone spray.