

**OVERALL VIEW OF COMPONENTS:****TOOLS REQUIRED:**

- Marker
- Square
- Tape measure
- Drill
- 27/64" drill bit
- F (.257)" drill bit
- Pop rivet gun capable of installing ¼" rivets
- Straight edge
- Two 9/16" wrenches/sockets
- Bar clamp/C clamp

**BEFORE INSTALLING THE WHITING EASYSTRAP**

This product will work in most truck/trailer applications. However, because there are so many variables associated with each application, the user/installer must take responsibility for ensuring that this product will work in your application. Care must be exercised to ensure that ample room/clearance exists for all components, especially the header plate and related fasteners. Pay close attention to any statement marked with **"CAUTION"**, as you go through the installation instructions.

**1. INSTALL HEADER PLATE**

In order to install the Whiting EasySTRAP, the header plate will need to be attached to the header of your truck/trailer. There are two options for doing this, but both require paying attention to several items.

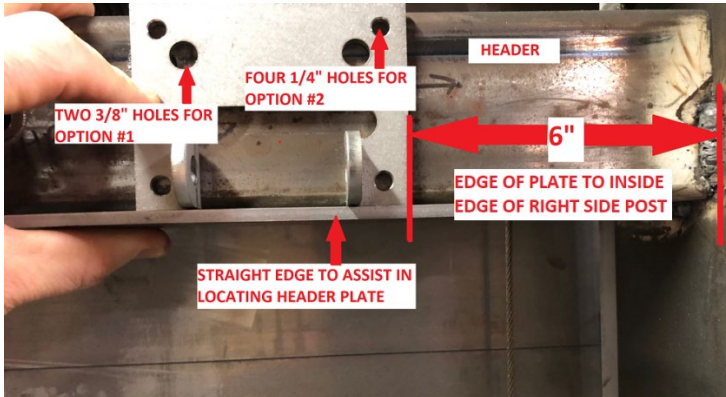
Option #1: Bolt through header, using two 3/8" bolts (bolts not supplied, due to various header configurations).

- This is the strongest method of attaching the header plate. The header plate contains two 3/8" holes to accommodate this. **CAUTION:** Before drilling, ensure that you have at least 3" of room between the bottom of the balancer components, and the bottom of the header! This space is needed for the nuts/washers on the inside of the header. You also need to ensure that you will not drill through any wires/critical components that may exist inside of the header. Use grade 3 or stronger bolts.

Option #2: Attach using four (4) supplied ¼" pop rivets

- The header plate has four ¼" holes for this option. **CAUTION:** The supplied pop rivets will only work in header thicknesses up to 0.187 (3/16)". If your header is thicker than this, the supplied rivets will not work. Just as mentioned in option 1, you must ensure that drilling will not damage any components and/or wiring, as well as ensure that ample room exists for the rivets on the backside of the header.

The header plate gets installed on the outside face of the header, on the curb (R) side. The bottom of the header plate should be even with the bottom of the header, and square to the header. Do not install any part of the header plate in the door opening. The right edge of the header plate should be 6" away from the inside edge of the door post as shown. Your installation may require you to shift the header plate to the left or right due to components/lights that might exist in your application.

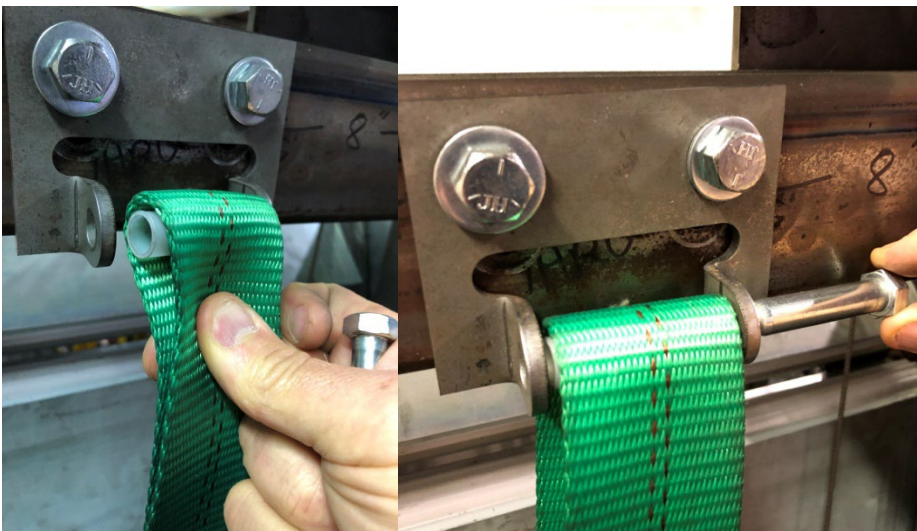


Once the header plate is in position as described above, clamp it in place and mark location of the appropriate holes as shown. For the 3/8" mounting bolt option, use a 27/64" drill bit. For the 1/4" riveting option, use an "F" drill bit. Use a square to ensure that you are drilling straight, or you will have difficulty installing the header plate.

Attach the header plate to the header using the appropriate fasteners.

## 2. ATTACH STRAP, PIVOT BUSHING, AND PIVOT BOLT TO HEADER PLATE

Insert pivot bolt through nylon pivot bushing, as well as both holes in header plate. Install and snug (but do not tighten) nylock nut against the header plate. Ensure that pivot bushing still rotates freely. If it doesn't, slightly loosen nut on header bolt.

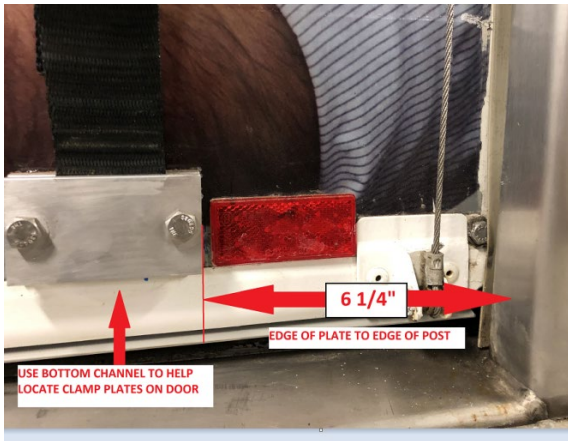


## 3. MOUNT CLAMP PLATES

The door needs to be in the CLOSED position and locked for this step. The clamping plates get mounted to the face of the door. The bottom of the inner clamping plate will be placed on top of the bottom channel of the door, which helps locate the clamp plate in the proper position.

The right edge of the clamp plates will need to be **6 1/4"** from the inside of the R side post, to put the strap on the same centerline as the header plate.

NOTE: If you needed to shift the header plate to a different dimension other than the 6" shown in step 1, just ensure that you shift this dimension by the same amount.



Using the outer (non threaded) clamp plate as a guide, mark the two hole locations on the door. Once marked, drill through the door with a 27/64" drill bit in both locations. Use a square to ensure that you are drilling straight, or you will have difficulty installing the clamp plates.

#### 4. ATTACH THE CLAMP PLATES TO THE PULL STRAP

Determine which clamp plate bolts to use, by using the below chart. You will want to choose the shortest bolt length possible, in order to minimize the amount of extra threads on the inside of the door. The lengths shown do not include the heads of the bolts (threads only).

**Clamp plate bolt length for each Whiting door type**

QPLT (5/16" thick)	PPLT (1/2" thick)	PRPL (3/4" thick)	HT2 (1 1/16" thick)	TGAL (1 9/16" thick)	CSVR (2 1/8" thick)
1.75"	2"	2.25"	2.5"	3"	3.5"

Keep the door closed & latched for this step. Put both sides of the pull strap loop between the inner (threaded) clamp plate, and the outer clamp plate. Make sure that the inner clamp plate will be positioned against the door face, with the flat side of the clamp plate against the door. Also, position the strap overlap on the inside loop, and just above the clamp plates, as shown in the picture below.

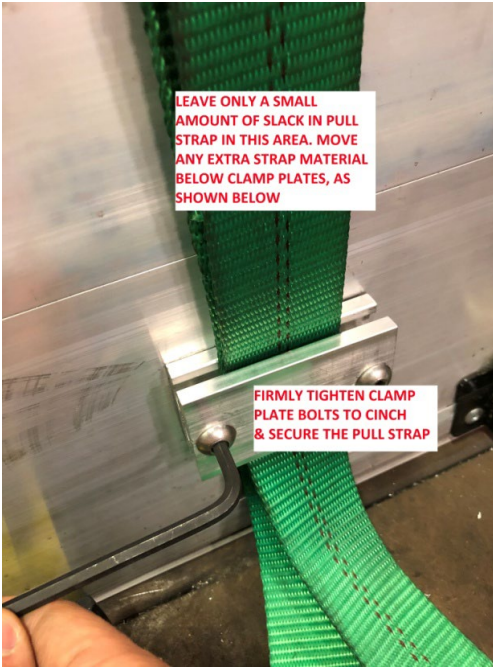




Keeping the strap overlap in place as described, insert the clamp plate bolts through the outer clamp plate and thread them into the inner clamp plate. Barely snug (do not tighten) the bolts.

## 5. ATTACH THE CLAMP PLATES/PULL STRAP TO THE DOOR

Keep the door closed/latched for this step. Insert the bolts into the holes that you drilled in the door, sliding the outer loop of the strap up/down as needed in the clamp plates to do that. Leave only a small amount of slack in the strap loop above the clamp plates.



Open the door, install the two washers/nylock nuts on the clamp plate bolts (on the inside of the door). If installing on an insulated door, be cautious to not overtighten the nuts, as this can crush the door panel.



## 6. ENSURE SMOOTH OPERATION

Start with the door fully closed (but not locked). Using the outer loop of the strap, pull downward using a “hand over hand” motion to open the door. Ensure that the door will fully open. Pull down on the other end of the outer loop to close the door. Once in reach, the typical pull strap/grab handle can be used to fully close the door, if needed.

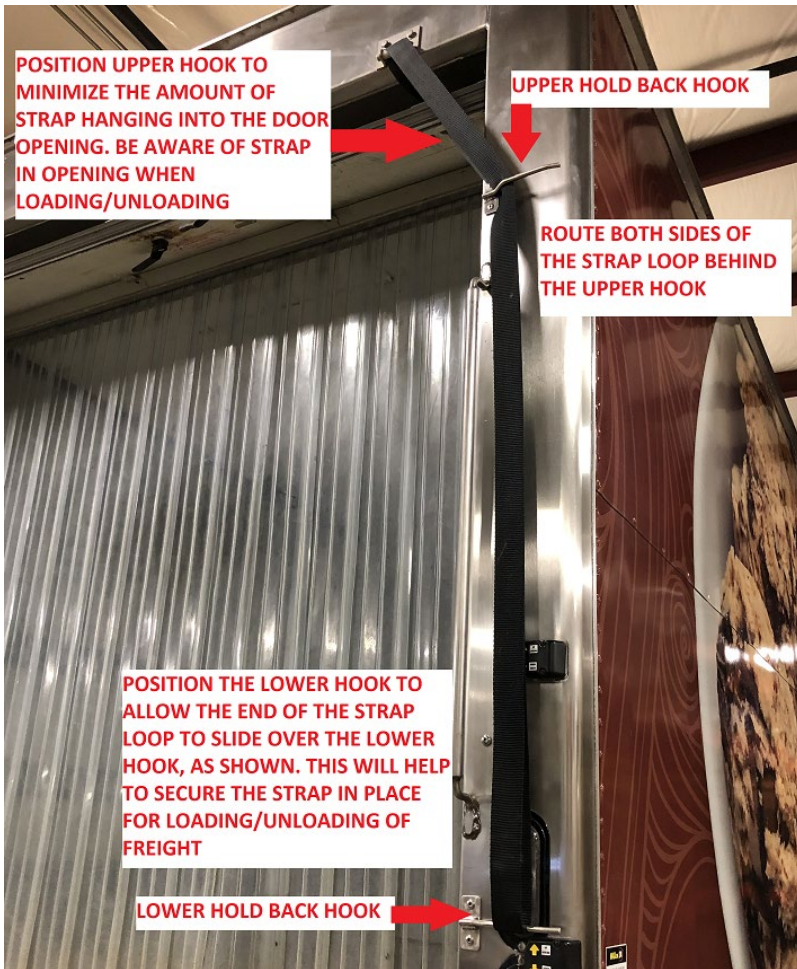
If a slight alignment of the strap is needed between the header plate and clamp plates, the strap can be shifted about ¼” to the left or right in the clamp plates, as needed. Simply loosen the clamp plate nuts/bolts, shift strap, and re-tighten.

## 7. INSTALL STRAP HOLD BACK HOOKS

The hold back hooks help to keep the strap out of the door opening as much as possible for loading/unloading of freight.

**CAUTION:** This is important in order to avoid the strap being caught on a fork truck/loading cart/etc.

The hold back hooks can typically be installed on the face of the R side post, as shown below. However, each individual application will dictate the exact location of the hooks. A typical installation is shown below. Use the ¼” rivets supplied to attach the hold back hooks. **CAUTION:** The supplied pop rivets will only work in post thicknesses up to 0.187 (3/16)”. If post is thicker than this, the supplied rivets will not work. You must also ensure that drilling will not damage any components and/or wiring, as well as ensure that ample room exists for the rivets.



### Whiting EasySTRAP Installation Instructions

Scan QR Code for Step by Step  
Installation Instructions



Printable Instructions Available At  
[www.whitingdoor.com](http://www.whitingdoor.com)



Part #: 10-1116-1

### Whiting EasySTRAP Video

Scan QR Code to View Whiting EasySTRAP In Action!



Downloadable Brochure Available At  
[www.whitingdoor.com](http://www.whitingdoor.com)



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