

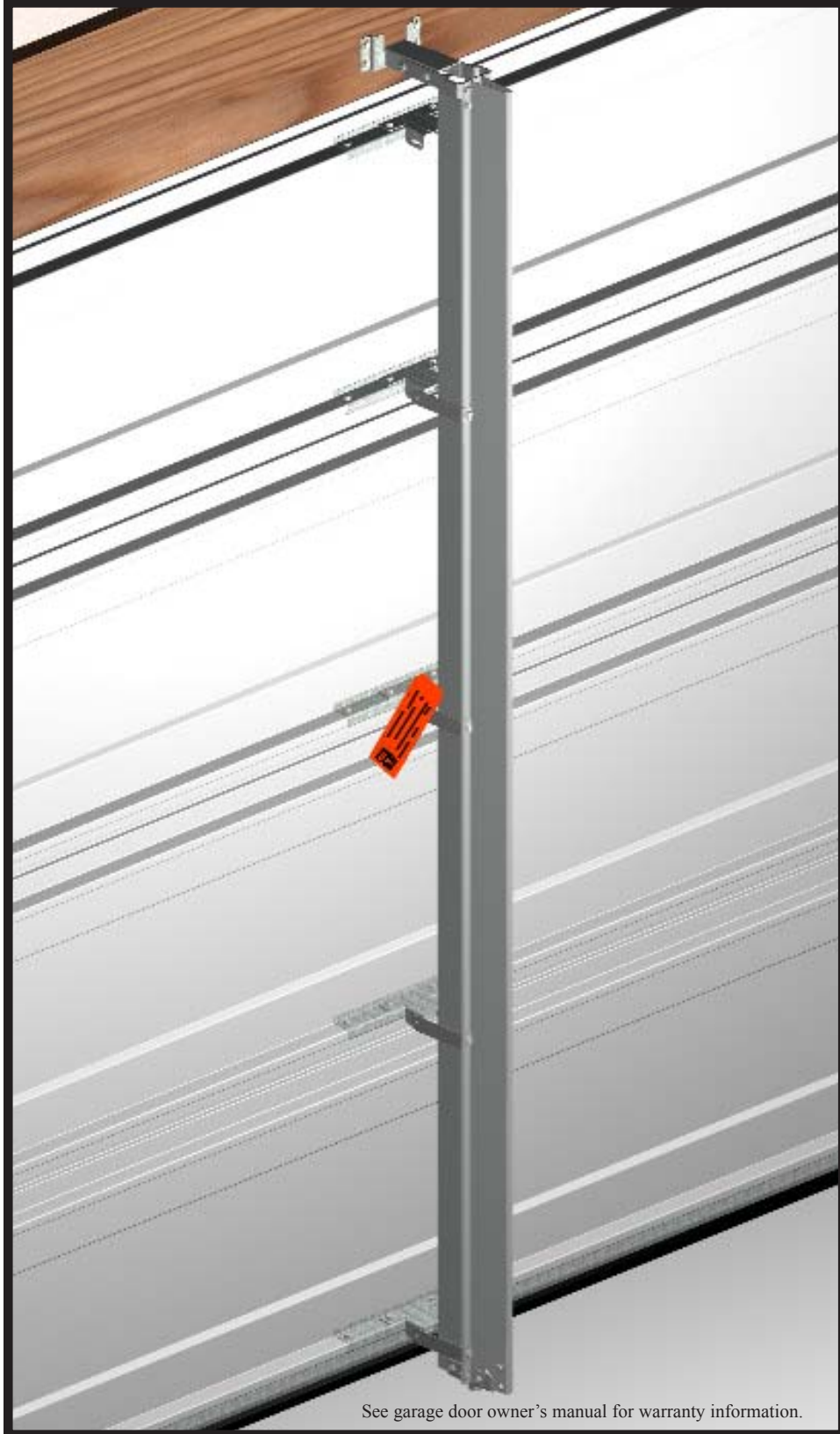


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Windload Post

9100/9600/9900

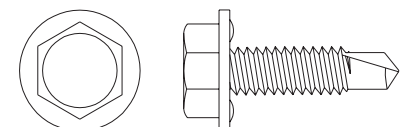
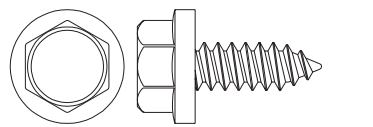
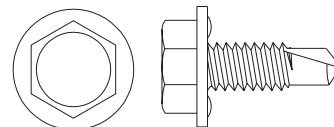
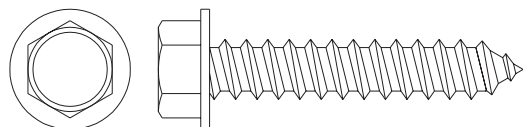
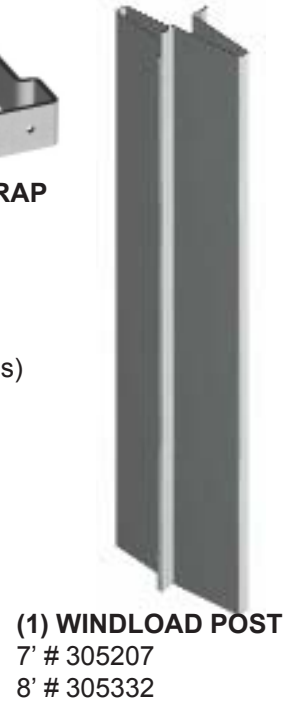
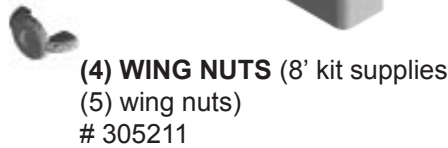
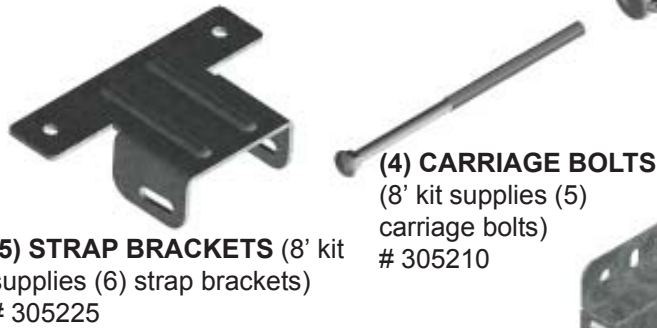
Installation Instructions



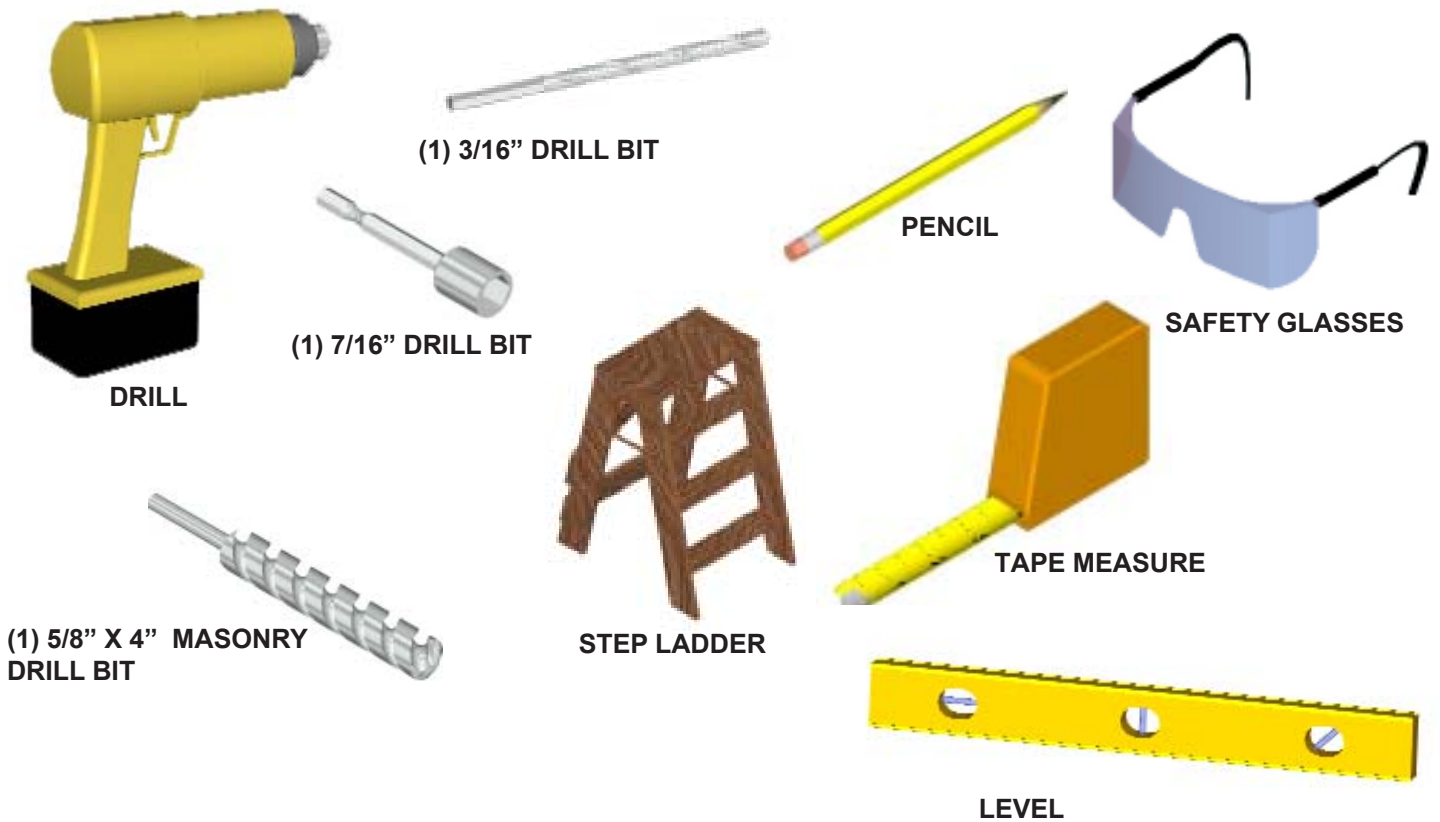
See garage door owner's manual for warranty information.

Packaged Parts

NOTE: The quantities below represent a single post for a single car garage. Double car doors require (2) posts. The quantities for the parts below (with the exception of SLIDE LOCKS) are doubled for double car doors.



Required Tools



Windload Post Installation

J-Strut Installation

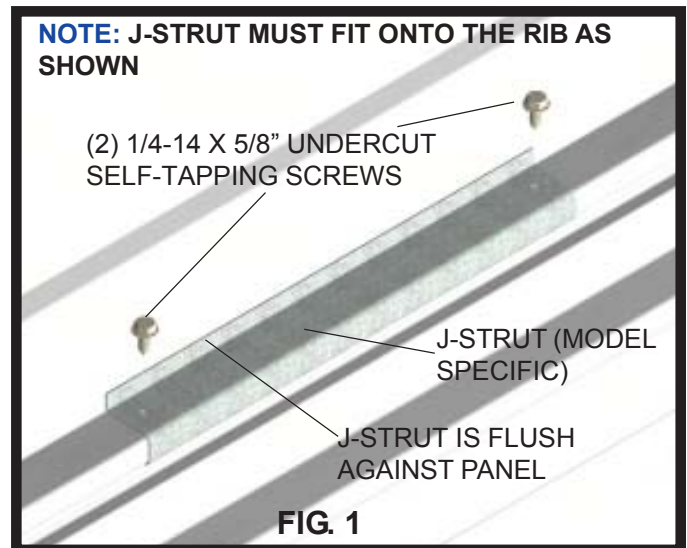
IMPORTANT! Refer to the **option code** drawing (supplied) for windload post location(s).

Place the 12" J-struts onto the lower rib of each door panel and center over the required position per the option code drawing. Secure J-struts using (2) 1/4-14 x 5/8" undercut self-tapping screws. (see **Fig. 1**)

IMPORTANT! Specific J-struts are required for different door models. Be sure to install the correct J-struts required for your door.

NOTE: J-struts are stamped for identification.

⚠ WARNING: DO NOT INSTALL THE WRONG J-STRUTS ONTO A GARAGE DOOR, OR WINDLOAD FAILURE WILL OCCUR.

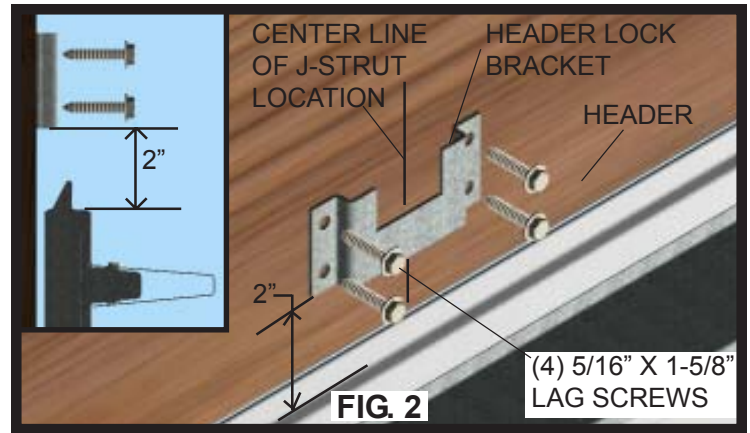


Header Lock Bracket Installation

Mark a vertical line on the header, aligned with the center of the J-struts. Measure up 2" above the top of the door and mark a horizontal line. Center the header lock bracket with the vertical line and align the bottom of the header lock bracket with the horizontal line.

Secure the header lock bracket to the header using (4) 5/16" x 1-5/8" lag screws. (see Fig. 2)

NOTE: It is recommended that lag screws be pilot drilled using a 3/16" drill bit prior to fastening.

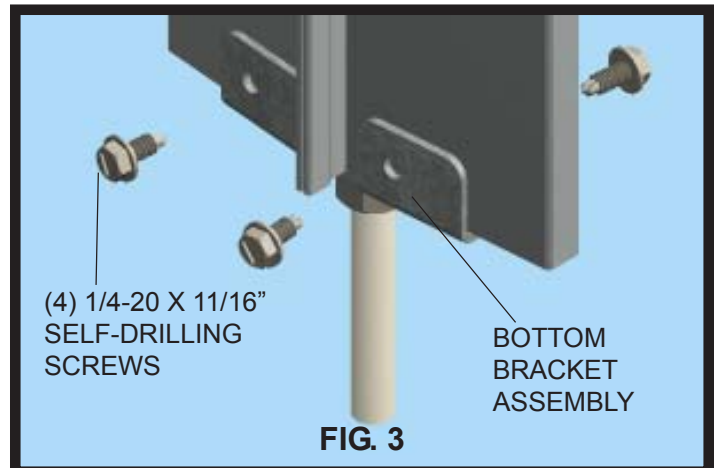


IMPORTANT! IF THERE IS DRYWALL OR OTHER MATERIALS COVERING THE HEADER IT IS REQUIRED THAT SUCH MATERIALS BE REMOVED FROM THE HEADER LOCK BRACKET LOCATION(S) AND REPLACED WITH THE SAME THICKNESS OF WOOD BEFORE INSTALLING THE HEADER LOCK BRACKET(S). IF THIS PROCESS MUST BE DONE, THE LENGTH OF THE LAG SCREWS MUST BE INCREASED TO INCLUDE THE THICKNESS OF WOOD MATERIALS SO THAT A MINIMUM OF 1-1/2" PENETRATION INTO THE EXISTING HEADER IS OBTAINED.

Bottom Bracket Installation

Locate the bottom bracket assembly and align it to the bottom of the post. Secure the bottom bracket to the bottom of the windload post using (4) 1/4-20 x 11/16" self-drilling screws. (see Fig. 3)

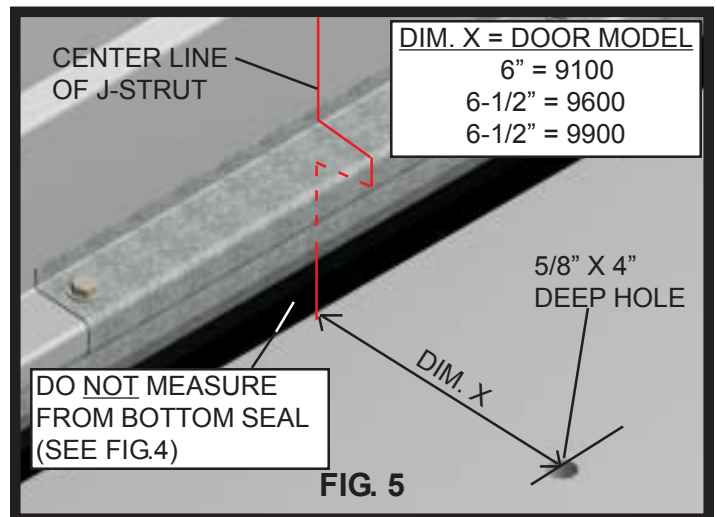
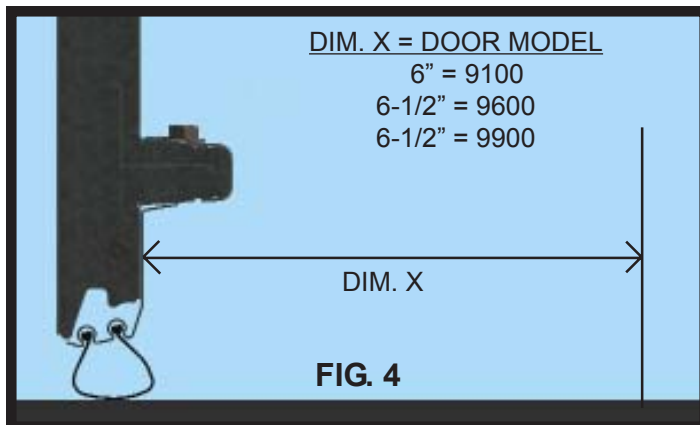
NOTE: The bottom of the windload post is flush while the top is offset.



Post Hole Placement

At each windload post location, mark a center line on the floor that is aligned with the center of J-struts. Measure out from the back of the door (see Fig. 4) 6" for 9100 doors and 6-1/2" for 9600/9900 doors and make a second mark as shown in Fig. 5. Using a masonry bit, drill (1) 5/8" x 4" deep hole into the concrete. Clean out the hole.

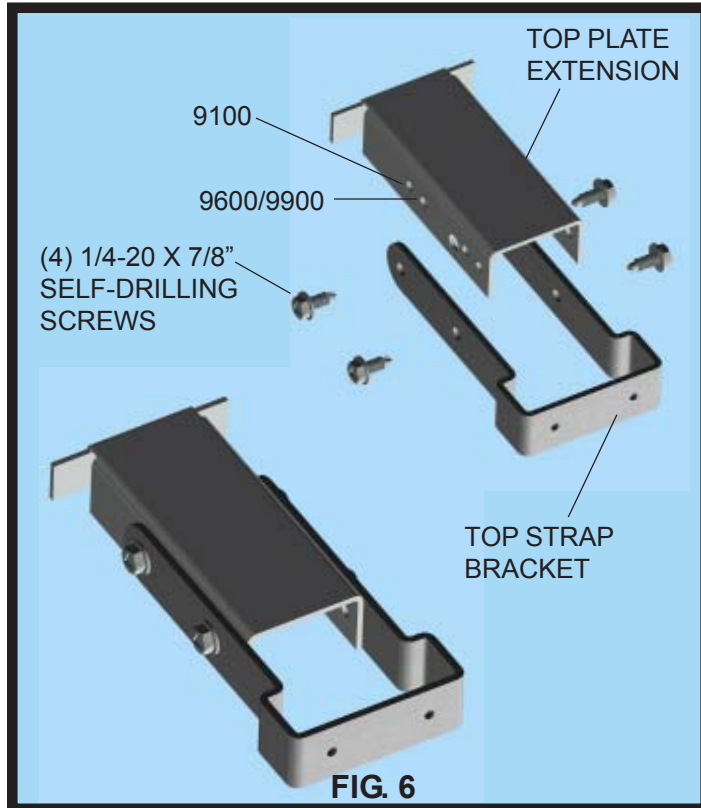
IMPORTANT! FOR PROPER OPERATION OF THE WINDLOAD POST, IT IS IMPORTANT THAT THE DIMENSION "X" BE HELD TO ASSURE THE POST IS INSTALLED PLUMB.



Top Plate Extension Installation

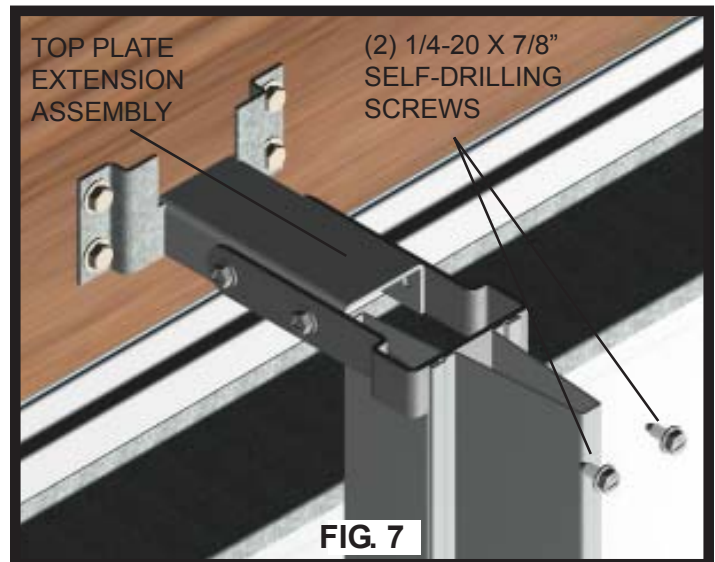
Locate the top plate extension and top strap bracket. Place the top strap bracket onto the top plate extension and adjust so that the holes in the top strap bracket align with the corresponding door model holes in the top plate extension. Hold position and secure using (4) 1/4-20 x 7/8" self-drilling screws. (see **Fig. 6**)

Slide the top plate extension assembly into the header bracket.



Now, install the windload post into the post hole in the floor and align the top of the windload post with the top plate extension assembly. Ensure that the post is level and plumb.

Using (2) 1/4-20 x 7/8" self-drilling screws, secure the windload post to the top plate extension assembly. (see **Fig. 7**)



Strap Bracket Installation

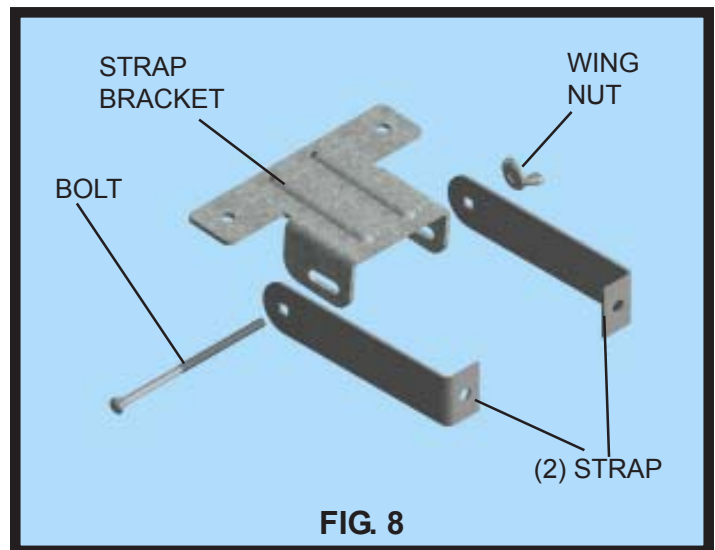
Loosely attach (2) straps to each strap bracket using (1) carriage bolt and wing nut (see **Fig. 8**). Position the strap bracket assembly at each J-strut location and wrap the straps around the windload post.

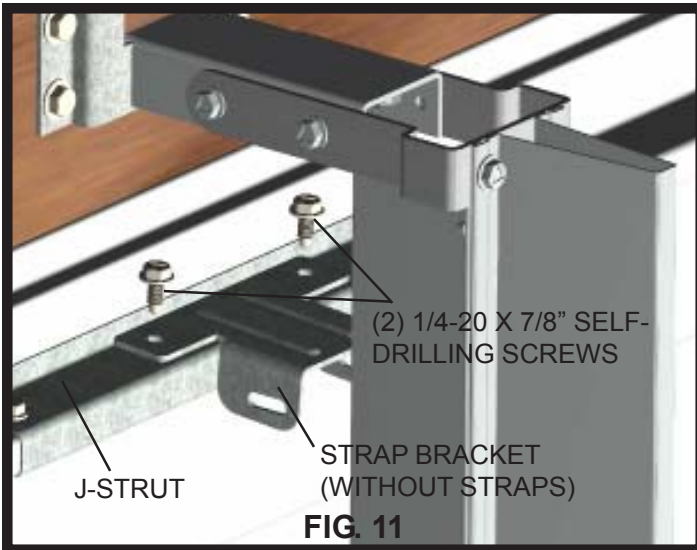
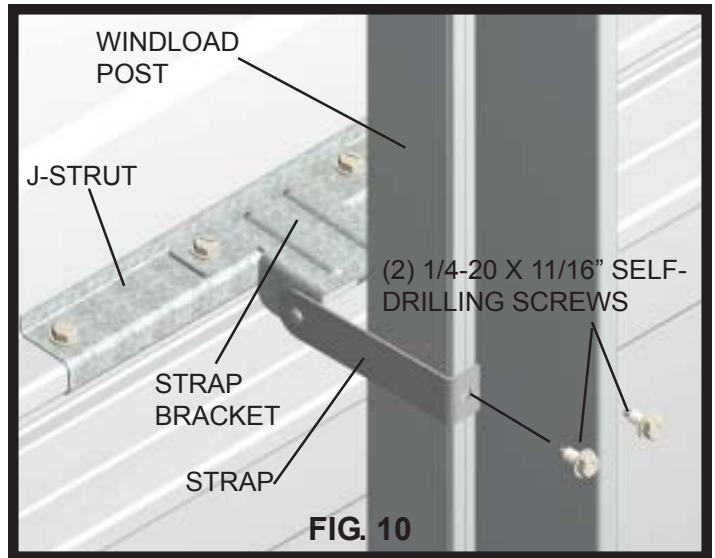
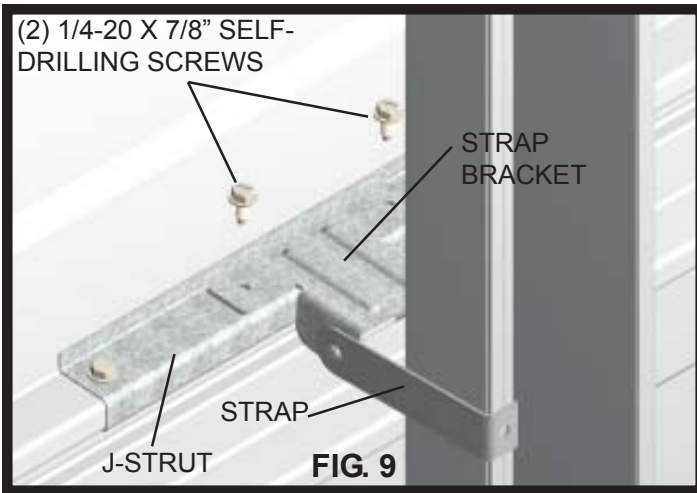
Ensure that the windload post is plumb while locked into the header lock bracket and hole in floor. Secure strap bracket assemblies to the J-struts using (2) 1/4-20 x 7/8" self-drilling screws (see **Fig. 9**).

Now, secure each strap to the windload post using (1) 1/4-20 x 11/16" self-drilling screw. **NOTE:** Keep straps parallel and level. (see **Fig. 10**)

Finish hand tightening the carriage bolts and wing nuts.

NOTE: Doors without a 3" U-bar on the top section will require an extra J-strut and strap bracket (strap bracket without straps) on the top rib of the top section. (see **Fig. 11**)



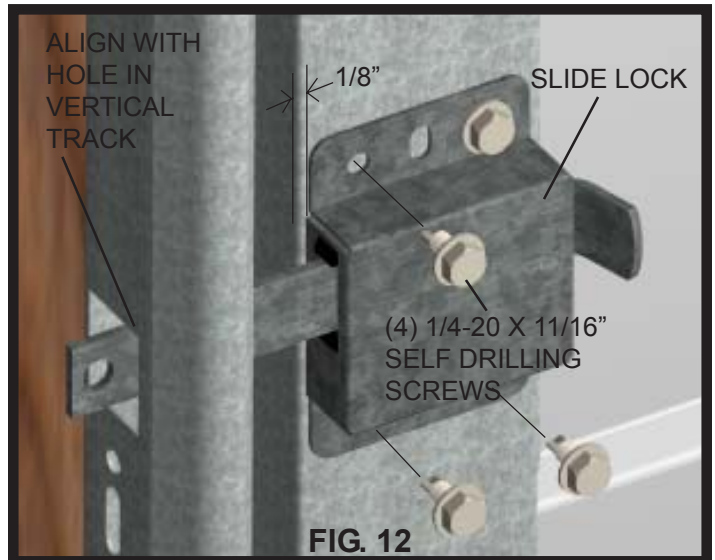


Slide Lock Installation

Install slide lock on the second section of the door. Secure the lock to the section with (4) 1/4-20 x 11/16" self drilling screws. Square lock assembly with door section and hole in vertical track. The slide lock should be spaced approximately 1/8" from the section edge.

IMPORTANT! SLIDE LOCKS AND OPERATORS SHOULD NOT BE ENGAGED AT THE SAME TIME. IF AN OPERATOR IS INSTALLED ON THE DOOR AND ENGAGED, BE SURE SLIDE LOCKS ARE DISENGAGED.

ONLY USE SLIDE LOCKS WHEN OPERATOR IS DISENGAGED FROM THE GARAGE DOOR.

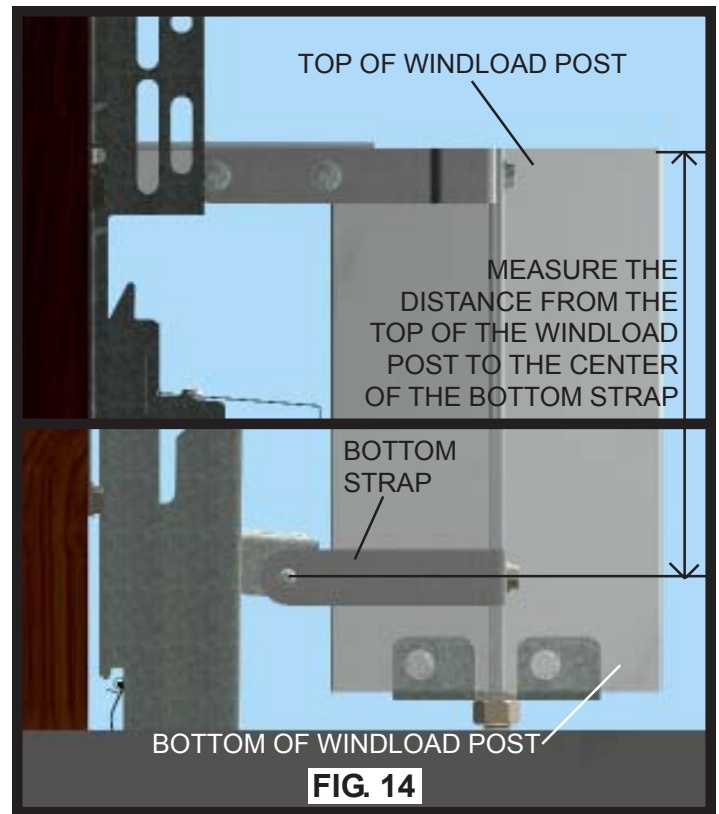
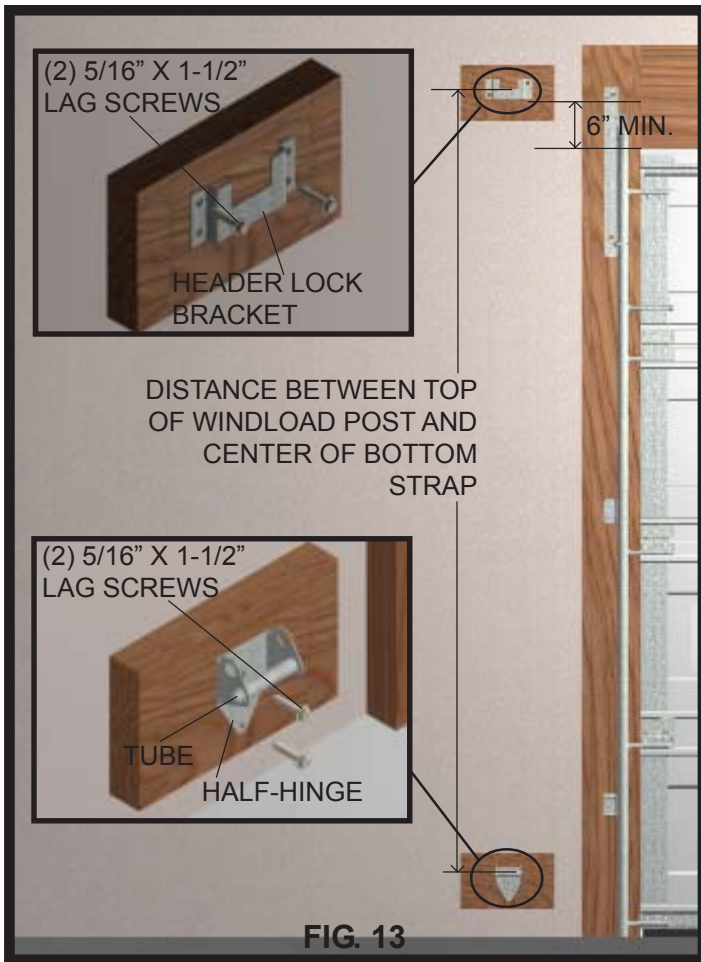


Securing Post for Storage

Locate a convenient place to store the windload post(s). Measure and cut (2) 2 x 6" wood mounting blocks a minimum of 10" long for each windload post. Locate the mounting blocks horizontally on the wall as shown in **Fig. 13**. Secure them adequately to the wall at the top and bottom of the post storage location, with masonry anchors (concrete or const.), or 12-16 penny nails (wood const.). Measure a minimum of 6" above door as illustrated, and mount the extra header lock bracket(s) to the top mounting block(s) using (2) 5/16" x 1-5/8" lag screws as shown in **Fig. 13**.

Measure the distance from the top of the windload post to the center of the bottom strap (see **Fig. 14**). Use that measurement for the displacement between the center of the extra header lock bracket and half-hinge tube. Position the half-hinge on the bottom mounting block and secure the half-hinge using (2) 5/16" x 1-5/8" lag screws. Repeat this step for remaining windload posts if necessary. (see **Fig. 13**)

Slide the windload post(s) into storage header bracket(s) and secure the bottom strap(s) to the half hinge(s) using the wing nut and carriage bolt. Place all remaining wing nuts and carriage bolts into the remaining straps for storage. Insert plastic plug into hole in floor.



Rebalance The Door

Now that the windload post is NOT installed onto the door, check the door's balance, by manually opening and closing the door. The door may be heavy because of the extra hardware added. To accommodate the extra weight, tension must be added to the counterbalance springs. See chart for adding spring tension.


NOTE: Refer to the garage door's main installation instructions and owner's manual for instructions on adding/removing spring tension.

Counterbalance System	Number of Turns Added to Counterbalance System
TorqueMaster™	1/2 turn
Torsion Spring	1/2 turn
Extension Spring	Relocate "S" hook placement

Attaching the Installation Decals

After the installation is complete, locate an easily visible location on the inside of the garage door and the post(s) and place the provided installation decals onto the door and post(s) for future reference.

IMPORTANT! DECALS MUST BE ATTACHED TO BOTH DOOR AND POST(S).




Windload Post Installation Instructions

THIS DOOR ASSEMBLY MUST BE SECURED DURING STORM WARNING!!

REMOVE BOLTS/WING NUTS & REMOVE POST

Step 1: Remove the bolts/wing nuts, securing the post(s) at the side(s) of the door as shown in Fig. 1 and lean the post(s) near the mounting location on the door.

Step 2:  **WARNING PULL THE EMERGENCY RELEASE HANDLE ON YOUR OPERATOR ARM, (IF DOOR IS MOTOR OPERATED) AND SWING THE ARM OUT OF POSITION AND LOCK DOOR.**

ALIGN THE TOP PLATE WITH THE HEADER BRACKET AND LOWER POST INTO NOTCH

ALIGN HOLES IN STRAPS WITH HOLES IN PIN BRACKETS

INSERT BOLTS AND SECURE WITH WING NUTS

ALIGN BOLT WITH HOLE IN FLOOR

REMOVE PLASTIC PUSH-IN PLUG FROM FLOOR

Step 3: Align the bolt(s) in the bottom of the post(s) over the hole in the floor as shown in Fig. 2. Then align the top plate(s) over the header bracket(s) and lower the post until it is locked into position. Note: If the post does not drop down enough to lock into the top plate, it may be necessary to clean out the hole that the bottom bolt drops into.

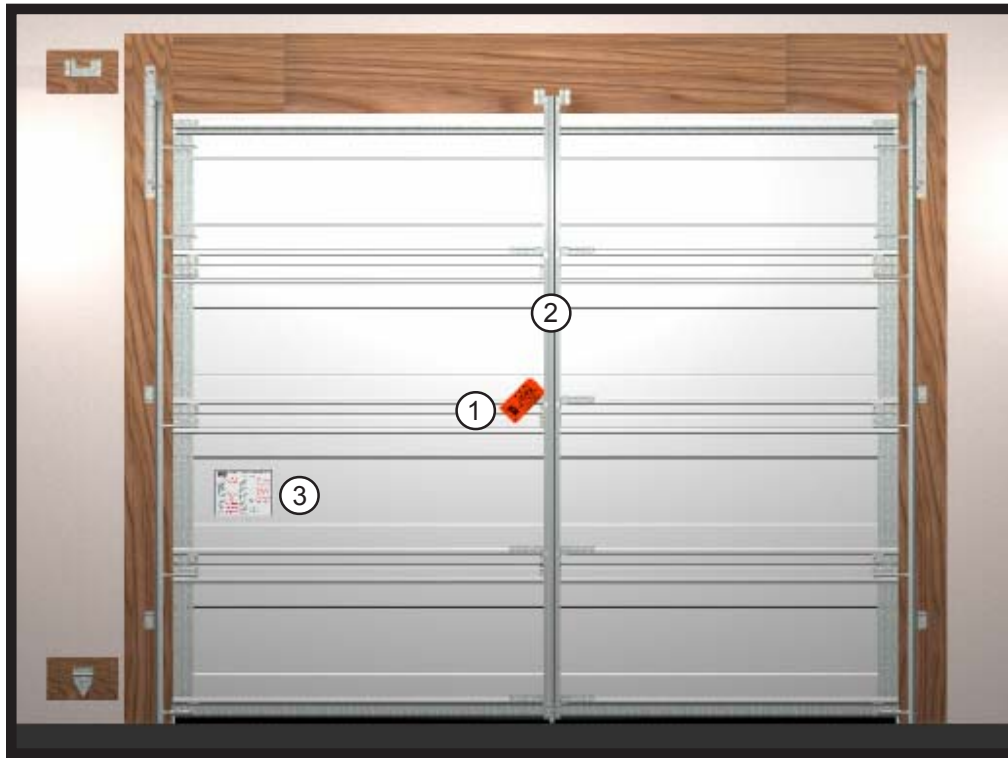
Step 4: Once the post is locked into position locate the holes in the ends of the straps over the holes of the strap brackets reinsert the bolts/nuts to secure the door to the post.


Fig. 1 **Fig. 2** **PART NO. 305213**

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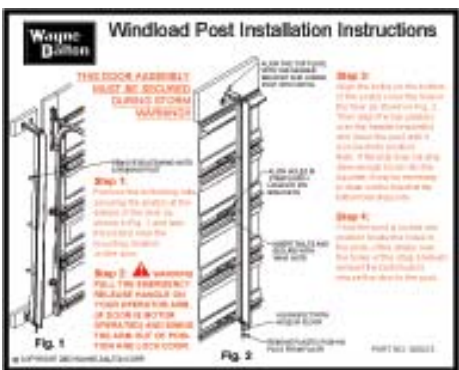
**MAKE SURE A DECAL LIKE THE FIGURE ABOVE IS
INSTALLED ON THE DOOR!
CONTACT WAYNE-DALTON CORPORATION
FOR A REPLACEMENT DECAL.**

Windload Label Locations



①  **Applied by Installer** - One (1) Emergency High Wind Situations Tags (161384) **per post** -Tags are to be applied to post(s) when stored on wall for constant reminder to consumer.

②  **Applied by Installer** - One (1) Windload PSF Label **per post**, based on the required design PSF load. Label is to be applied to windload post for reference.

③  **Applied by Installer** - One (1) Florida Windload Installation Label (305213) -Only on doors specified with one or more posts. To be applied next to endcap of second section on side of opening where Post no. 1 is stored.