Installation Instructions for
Removable Windload Post

Series
188/189

Introduction
The purpose of these instructions is to guide the installer in equipping a garage door with a Removable Post or Posts for use against high windload conditions. Under normal operations, the Removable Post is not to be engaged. The horizontal struts provide the structural strength for normal operation and wind conditions. The principal purpose of the Removable Post is to provide an additional structural member between the concrete floor and the header support.

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This installation manual provides the trained door system technician information required to install, troubleshoot and maintain a Windload Post installation.
SAFETY INFORMATION
OVERVIEW OF POTENTIAL HAZARDS
READ THIS SAFETY INFORMATION

Overhead doors are large, heavy objects that move with the help of springs under high tension and electric motors. Since moving objects, springs under tension, and electric motors can cause injuries, your safety and the safety of others depend on you reading the information in this manual. If you have questions or do not understand the information presented, call your nearest trained door system technician.

In this section, and those that follow, the words Danger, Warning, and Caution are used to emphasize important safety information. The word:

⚠️ DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION indicates a potentially hazardous situation which, if not avoided, may result in injury or property damage.

The word NOTE is used to indicate important steps to be followed or important considerations.

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

<table>
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<tr>
<th>Potential Hazard</th>
<th>Effect</th>
<th>Prevention</th>
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<tbody>
<tr>
<td>MOVING DOOR</td>
<td>⚠️ WARNING Keep people clear of opening while Door is moving.</td>
<td>Do NOT allow children to play with the Door Operator.</td>
</tr>
<tr>
<td></td>
<td>⚠️ WARNING Could result in Death or Serious Injury</td>
<td>Do NOT operate a Door that jams or one that has a broken spring.</td>
</tr>
<tr>
<td>ELECTRICAL SHOCK</td>
<td>⚠️ WARNING Turn OFF power before removing operator cover.</td>
<td>When replacing cover, make sure wires are NOT pinching or near moving parts.</td>
</tr>
<tr>
<td></td>
<td>⚠️ WARNING Could result in Death or Serious Injury</td>
<td>Operator must be fully grounded.</td>
</tr>
<tr>
<td>HIGH SPRING TENSION</td>
<td>⚠️ WARNING Do NOT try to remove, install, repair or adjust springs or anything to which door spring parts are fastened, such as, wood blocks, steel brackets, cables or other like items.</td>
<td>Installations, repairs and adjustments must be done by a trained door system technician using proper tools and instructions.</td>
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Key Drawing

The Removable Windload Post is designed to be installed on any sectional garage door at the center hinge locations. For two or more posts, each post must be evenly spaced across the door width and centered on a stile with a hinge. Use the same installation procedure for one, two, or three post assemblies.

1. Close the garage door.
2. Unplug the garage door opener (if equipped) and remove pin that attaches opener drawbar arm to garage door.
3. Lock both left and right hand slide locks (if supplied).
4. Attach the header link to the header support with a clevis pin and a cotter pin.
5. Thread the cable assemblies through the post and attach to the door hinges using the thumb screws, washers, and nuts that are provided.
6. Engage the header support with the header link.
7. For doors with more than one Removable Post, repeat steps 4 through 6 on the remaining posts.
8. To return to standard door operation, disengage the lock bars in the up position. Unscrew the clevis pin from the header support. Store the clevis pin with the header link on the post assembly.

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Windload Post Installation

STEP 1
• Close the garage door.
• Unplug the garage door opener (if equipped).
• Detach the opener Drawbar by removing the pin that attaches it to the bracket on the door as shown in Figure 1.

STEP 2
• Determine the location of the Windload Post installation ensuring that it aligns on a door stile with hinges. (For two or more posts, each post must be evenly spaced across the door width and centered on a stile with a hinge. Use the same installation procedure for one, two, or three post assemblies.)
• Attach two post brackets to each hinge on the door stile hinges that will receive the Windload Post as shown in Figure 2.
• Attach J-Nut (provided) to the post brackets.

STEP 3
• With the door in the closed position, place the post assembly against the door struts, or no more than 2 - 1/4" from door panel, resting on the floor and aligned with the center hinges as shown in Figure 3.
• Ensure that the post assembly is plumb.

STEP 4
• Raise the post assembly enough to slide the floor plate underneath.
• Align the two ½" holes in the floor plate with the lock bars of the hasps on the sides of the post assembly. See Figure 4.

STEP 5
• Remove the post assembly. With the floor plate still in place, mark the location of the four mounting holes and the two holes for the hasp lock bars.
• Remove the floor plate and drill four 3/16" diameter mounting holes, 1" deep and two ½" diameter lock bar holes, 2" deep.
• Attach the floor plate to the floor using the four anchor bolts (supplied).
STEP 6  
• Attach one cable to the two cotter pins (supplied) as shown on the right side of the illustration. See Figure 5.
• Attach one cable to the cotter pin and pin (supplied) as shown on the left side of the illustration.
• Attach the two header links to the top of the post using the clevis pin and cabled cotter pins. Once assembled deform the cotter pins such that they cannot be easily removed.
• Attach the header support bracket to the other end of the header links with the clevis pin and cabled cotter pin. Once assembled deform the cotter pin such that it cannot be easily removed.

NOTE: Return the post to the installed position if you removed the post to mount the Header Support Bracket.

STEP 7  
• Insert the cable assemblies (three for 7’ high door and four for 8’ high door) through the .406 diameter holes in the post.
• Assemble the ends of the cables as shown using 1/4-20 x 1” thumbscrews, 1/4-20 x 1” nuts, and washers. See Figure 8.

STEP 8  
• Insert the last cable assembly through the .406 diameter post hole nearest the lower door strut.
• Assemble the ends of the cables as shown using 1/4-20 x 1” thumbscrews, 1/4-20 x 1” nuts, and washers. See Figure 9.

STEP 9  
• Attach J-Nut (provided) to the post bracket.
• Attach the post bracket to the bottom strut using four self-tapping screws (provided). See Figure 10.

The Removable Windload Post installation is complete. Remove the post and store in a safe and secure location near door until needed.
**Windload Post Operation**

**CAUTION:** Do NOT attempt to operate garage door while Windload Post is attached to garage door.

**STEP 1**
- Close the garage door.
- Unplug the garage door opener (if equipped).
- Detach the opener drawbar by removing the pin that attaches it to the bracket on the door as shown in Figure 1.

**STEP 2**
- With the door in the closed position, place the post assembly on the floor plate and slide the hasps into the floor plate holes.
- Attach the header links to the header support bracket using the cotter pin (supplied).
- Attach the cable assemblies (three for 7' high door and four for 8' high door) to the post brackets using the thumbscrews.
- Attach the cable assembly to the post bracket on the bottom strut.
- Secure hasps.

Reverse these steps to remove Windload Post.

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**Fig 10**

**Fig 11**
The Genuine. The Original.

Removable Windload Post

Introduction
Your garage door is equipped with a Removable Post or posts for use against high windload conditions.
Under normal operations, the Removable Post is not to be engaged. The horizontal struts (see figure on door label to right) provide the structural strength for normal operation and wind conditions. The principle of the Removable Post is to provide an additional structural member between the concrete floor and the header support.
The Removable Windload Post should be engaged for wind speed in excess of 75 mph.

High Windload Preparation
1. Close the garage door.
2. Unplug the garage door opener (if equipped) and remove pin that attaches opener drawbar arm to garage door.
3. Lock both left and right hand slide locks (if supplied).
4. Attach the Removable Post according to the Instruction Label attached to the garage door section.

CAUTION: Garage door is now in a locked position. Do NOT attempt to operate.

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Post Label

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Door Label

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