



Fall Arrest System User Guide for Ladder Jack, & Guardrail Systems

PLEASE READ BEFORE INSTALLING YOUR WORKSAFE FALL PROTECTION SYSTEM: Failure to follow manufacturer's instructions could result in serious injury or death. The Guardrail Carriage (#470625) & Self-Retracting Lifeline (#470670) must be used with the WorkSafe Ladder Jack Fall Protection System. They are not included with the WorkSafe Guardrail System.

Each part of the system must be installed and used properly to provide a safe working environment. Inspect each piece of the system prior to each use. **If any piece is bent, cracked, or damaged discontinue use immediately.** This also applies to any ladders used with our products.

Class 1A 300 lbs. rated ladders are recommended for use with this system.

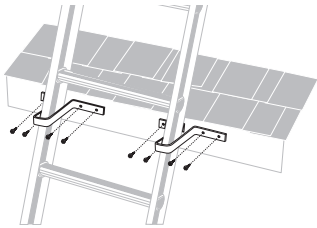
System Use Instructions:

Prior to installation, contractor should determine if WorkSafe™ Fall Protection Safety System/Ladder Brackets is appropriate for each application. (Example: if aluminum fascia will not be replaced or cannot be damaged, do not make penetrations through fascia.)

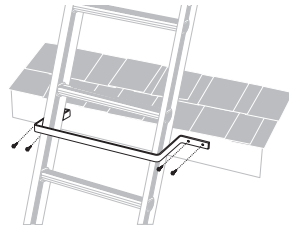
Step 1 Before set up, always make sure your ladders are on stable surfaces. Determine which bracket your job requires. Use bracket #470600, #410605, #470610, or #470615 if no gutters are on fascia boards. Use accessory bracket #470650, #470655, #470660, or #470665 if gutters are on fascia boards.

Space ladders on wall and secure brackets to solid, stable materials such as 2 x 6 fascia boards. **Do not screw into rotted or unstable surfaces.** Attach brackets with four (4) 12x2.5 hex head screws provided with each bracket (minimum of two (2) screws per side).

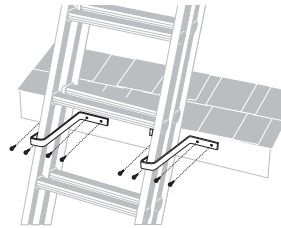
Use single style brackets if ladder rungs cannot be obstructed. Use double style brackets if worker is not climbing past the point where ladder is secured. Use two (2) single brackets on both rails for maximum security. When finished using gutter brackets, remove bracket, reinstall screws through back of gutter, and seal as needed. To prevent damage to gutter, cover gutter where brackets touch gutter edge.



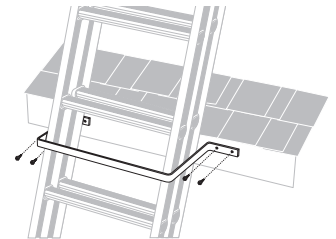
#470600 - Single Rail Shallow Bracket



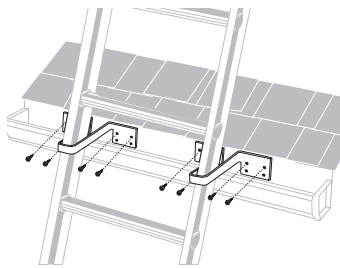
#470605 - Double Rail Shallow Bracket



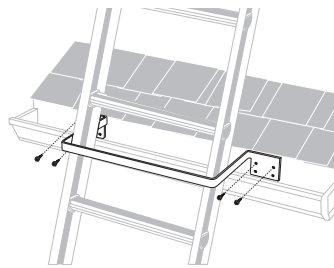
#470610 - Single Rail Deep Bracket



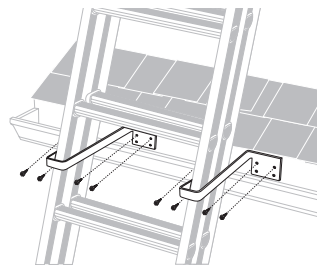
#470615 - Double Rail Deep Bracket



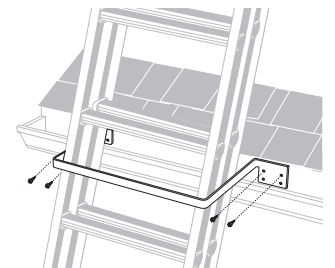
#470650 - Single Rail Shallow Gutter Bracket



#470655 - Double Rail Shallow Gutter Bracket



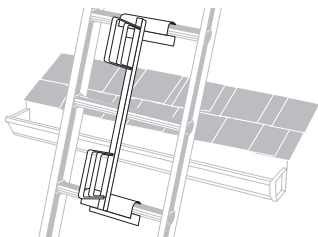
#470660 - Single Rail Deep Gutter Bracket



#470665 - Double Rail Deep Gutter Bracket

Step 2 Install one WorkSafe™ Guardrail Bracket (#470620) securely on each ladder. Place brackets on the ladder rungs at the appropriate height.

Always inspect ladders prior to each use. Always double check that the guardrail brackets are securely on the appropriate ladder rungs before each use.

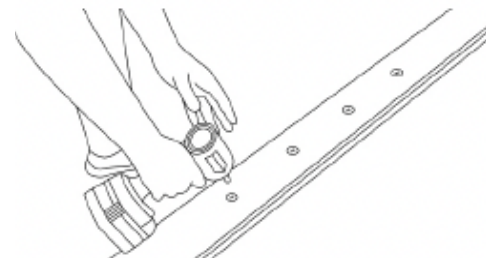
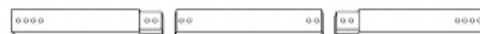


#470620 - Guardrail Bracket

Step 3 Assemble the three (3) 7ft sections of the WorkSafe Aluminum Guardrail (WS-A) by connecting the center beam to both end beams.

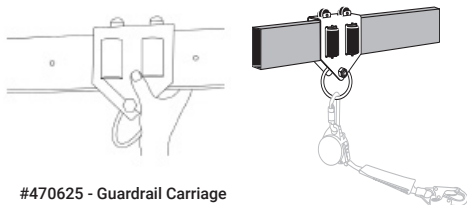
Once these are connected, affix the eight (8) 5/16 flat head screws that came with your system on each side of the WorkSafe Aluminum Guardrail. Please note that **these screws are specifically made for this system, and using other 5/16 screws is not recommended.**

Once assembled, the WorkSafe Aluminum Guardrail will be 21 ft. wide.



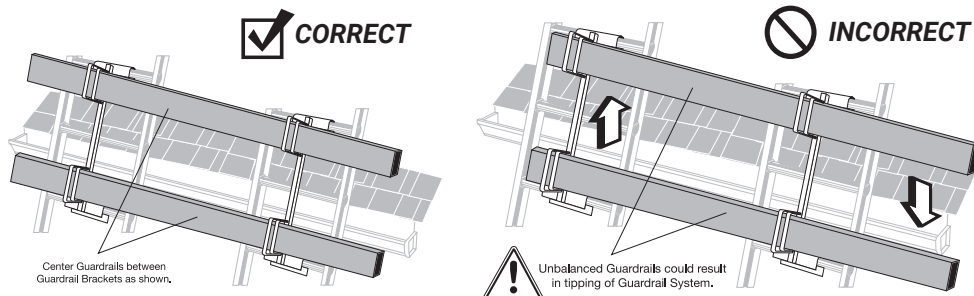
Step 4 **Note: The WorkSafe guardrail carriage (#470625) is not included in the WorkSafe Guardrail System.**

Slide the WorkSafe Guardrail Carriage (#470625) over one side of the WorkSafe Aluminum Guardrail (#470645-E), with the O-Ring facing down, prior to inserting the guardrail into Guardrail Bracket (#470620). Once the carriage is on the guardrail, slide both ends of the guardrail through the WorkSafe™ Guardrail Bracket (#470620) rungs.



#470625 - Guardrail Carriage

Step 5 Always center guardrail between ladders. To distribute weight evenly, never extend guardrails to one side or the other. This could cause an unsafe force on rail, causing rail to tip.

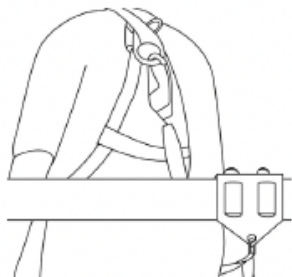


WorkSafe™ Guardrail weight: 40 lbs.

Step 6 **Note: The WorkSafe guardrail carriage (#470625) and WorkSafe Self-Retracting Lifeline (#470670) are not included in WorkSafe Guardrail System.**

For ladder jack system, after adjusting ladder brackets to desired working height, connect the WorkSafe Self Retracting Lifeline (SRL) (#470670) to the WorkSafe Guardrail Carriage (#470625) and your harness.

Note: Only use a 6-foot-long ANSI approved SRL (Self Retractable Lifeline) with the WorkSafe Carriage.



Step 7 Install adjustable WorkSafe Telescoping End Stops (#4706300) to each end of the guardrail. Adjust end stops to length and depth of work surface. Locate and install end stop pins to the part of the guardrail nearest to each outer guardrail bracket.

If end stops cannot be used because of other obstructions, you must use end stop pins to secure guardrails in guardrail brackets #470620 (see fig. 1).

Note: Always position end stop pins to the OUTSIDE of each guardrail bracket to ensure the most secure setup.

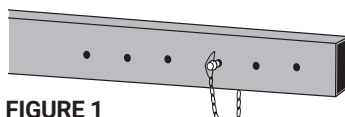


FIGURE 1
Guardrail secured with End Stop Pin.

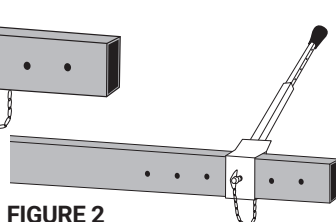
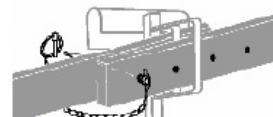


FIGURE 2
470630 - Telescoping End Stop



Adjustments / Alternate Uses:

If more than one person will be using the ladder jack or guardrail system at any time, a second 21ft WorkSafe Aluminum Guardrail (#470645-E) is required. Furthermore, a second ladder jack user will also be required to use an additional WorkSafe Guardrail Carriage (#470625), and WorkSafe Self Retracting Lifeline (SRL) (#470670). **SEE FIGURE 3**

You can also use the WorkSafe Guardrail System as a gable setup. **SEE FIGURE 4**

Note: NEVER attach two WorkSafe Guardrail Carriages (#470625) to the same 21ft WorkSafe Aluminum Guardrail (#470645-E).

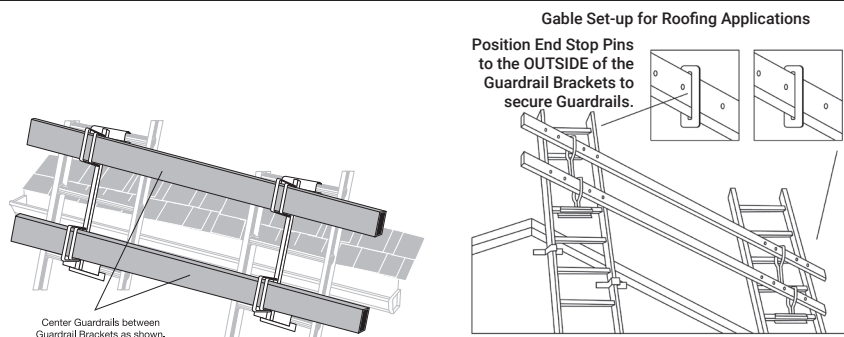


FIGURE 3

FIGURE 4 * When used as a gable guardrail, do not attach carriage and do not tie off to guardrail.

* NOTE: Guardrail carriage and lifeline should only be used on a level guardrail properly installed below roofline. If using as guardrail above roofline, do not install WorkSafe carriage.



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