



What to Know Before Getting Started

1. **NOTE:** This IG does not apply to Krieger's Electrified Cam Lift Hinge. See **Installation Guide 136** for installation instructions:



Download guide

https://www.kriegerproducts.com/support/manuals/IG_136.pdf

2. Review **Installation Guide 113** and **Installation Guide 114** for installation instructions on installing Cam Lift door bottoms:



Download guide

https://www.kriegerproducts.com/support/manuals/IG_113.pdf



Download guide

https://www.kriegerproducts.com/support/manuals/IG_114.pdf

3. Review **Installation Guide 134** for instructions on installing Krieger's HC30 Cam Lift Hinge:



Download guide

https://www.kriegerproducts.com/support/manuals/IG_134.pdf

4. **NOTE: Lubrication and Maintenance**

- If Cam Lift Hinge requires lubrication, we recommend using Dow "G-N paste," which is a molybdenum-based grease.
- **WARNING:** The use of other solvent-based lubricants may adversely react with hinge sleeve, seals, and paint.

Overview

- Krieger's legacy Cam Lift Hinge is custom designed and cast from 630 stainless steel. These hinges are available in US32D (satin finish) or 2D (glass-beaded primer and paint-ready).
- The shaft is an integral part of the hinge; therefore both the door and hinges are completely secure from unauthorized removal when closed.
- When swung open, the door rises to a max height of ¾" at 180°.

[Continue to Installation Instructions →](#)

Installation Instructions

STEP 1 – Adjust Pressure Anchors

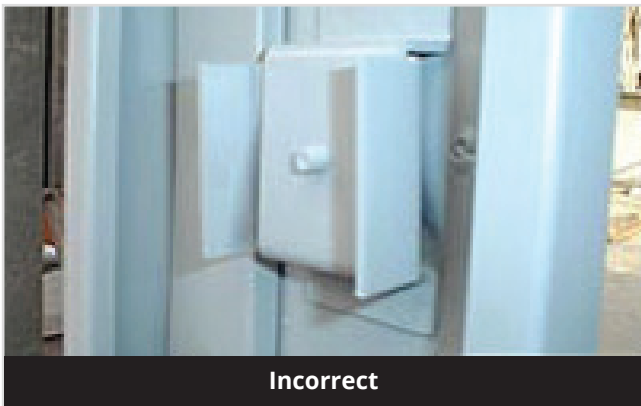
The pressure anchors, if used, need to be adjusted with a Phillips-head screwdriver so that the pressure anchor becomes flush with the frame. This is done so that no grout will get between the pressure anchor and the frame. If grout gets behind the pressure anchor, it will be very difficult to adjust in order to place the frame into the rough opening.



Adjust the pressure anchors.



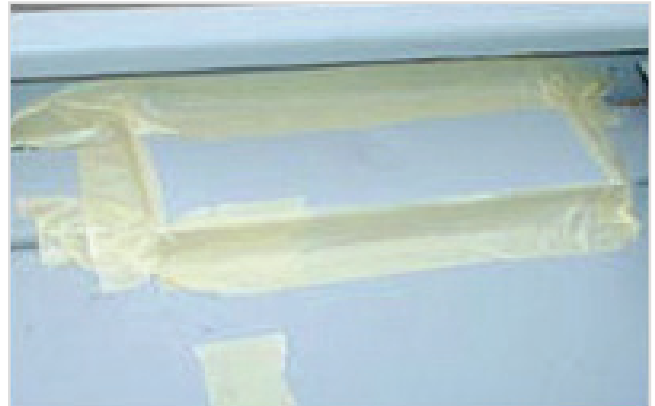
A properly adjusted pressure anchor is flush with the side of the frame.



The pressure anchor has not been properly adjusted if the adjusting screw has not been loosened in order to move the pressure anchor back against the frame.

STEP 2 – Taping

The pressure anchor needs to be taped all around. Also tape up the mud boxes around each butt reinforcement and each seal screw hole (the two pieces of tape on each side of the pressure anchor - goes all the way up the frame). The tape around the pressure anchor will not affect the adjustability after the grout dries around it.



A properly taped pressure anchor has tape all the way around.



Cardboard: The ends of the frame should be taped up to prevent the grout from spilling out. It is best to cut a piece of cardboard and tape it to both ends of the frame.



Taping up the edges of the returns will help with cleanup after the grout has dried. A well-prepped frame should look like this.

STEP 3 – Preparing the Grout

To prepare the grout, start with a bucket that is about one-quarter full of water. Slowly add the powder grout and mix together until smooth. Add more grout or water as needed to reach the right consistency, which should be fairly thick and smooth.



STEP 4 – Pouring the Grout

Start by carefully pouring the grout into the frame, making sure it is spread evenly. Be sure the grout is smooth by lightly tapping the underside of the frame. The grout line should be almost even with the bottom of the returns.



It is easier to top off the level of the grout using a smaller container.



This shows the frame fully grouted. The grout is still wet. Notice that the level of the grout should be fairly even throughout the length of the frame. The level should not be any higher than the returns of the frame.

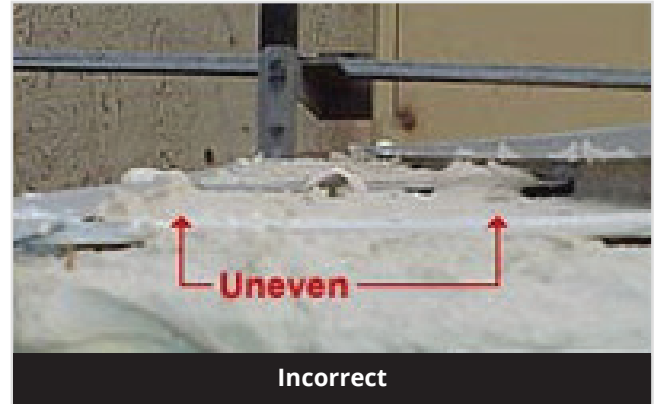
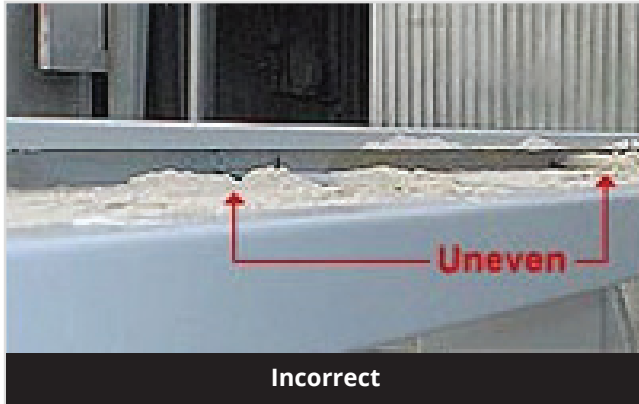
STEP 5 – Finishing

After the grout has fully dried, the tape on the returns can be removed. Any excess grout that may have spilled out can be chipped off so it is smooth. Drying time is between 20 to 30 minutes.



The dried grout should be smooth and flush with the frame.

STEP 5 – Continued



These frames were grouted incorrectly. It will take more time and effort to smooth out the surface after the grout has dried.

End Instructions