INSTALLATION INSTRUCTION

Casement & Awning Limited Opening – Limited Travel (LOLT)

Tools Required:

- Phillips head screwdriver
- Drill w/ 3/32" bit
- Center punch or pencil
- Masking tape

Supplies Needed:

- LOLT Hardware

Note: Remember to work safely while doing any maintenance or repair. This includes wearing safety glasses and using safe work practices. Make sure your work area is unobstructed and clear of window coverings, etc.

Sash removal is required for both Casement and Awning LOLT Installation.

Note: When printing for template use; make sure the printer page scaling is set to none or actual size, otherwise the template will not be the correct size and the holes will be incorrectly located.

Table of Contents

Casement Sash Removal ..... Page 01
Casement Limited Opening-Limited Travel Installation ..... Page 04
Casement Sash Installation ..... Page 08
Awning Sash Removal ..... Page 09
Awning Limited Opening-Limited Travel Installation ..... Page 10
Awning Sash Installation ..... Page 13
Sash LOLT Template ..... Page 15

1 Casement Sash Removal:

A. Remove the screen, unlock sash and open to its fully open position.





© 2025 Pella Corporation

GIF-000003094 Part Number: V987566

1 Casement Sash Removal (continued):

B. Lift to remove the hinge arm from the stud on the hinge slide.





C. Press down on the arm to remove it from the stud bracket on the sash.







D. Pull the operator arm down to remove it from the operator track.





E. Pull the hinge arm down to remove it from the hinge slide stud.





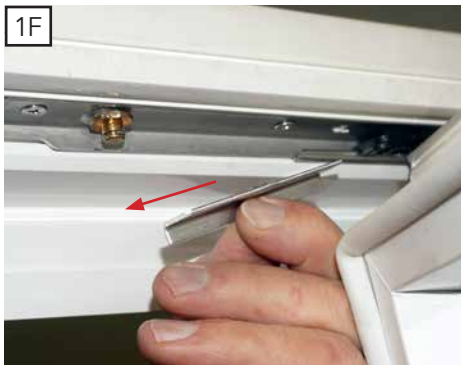
© 2025 Pella Corporation

1 Casement Sash Removal (continued):

F. Remove the stop attachment screw located in the head hinge slide and then remove the stop.





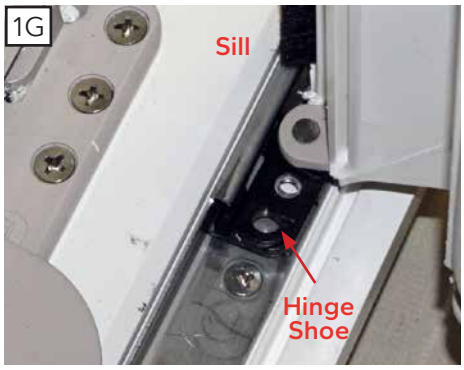


G. While securely holding the sash, slide the sash toward the center of the frame, until the hinge shoes come out of the hinge slides.

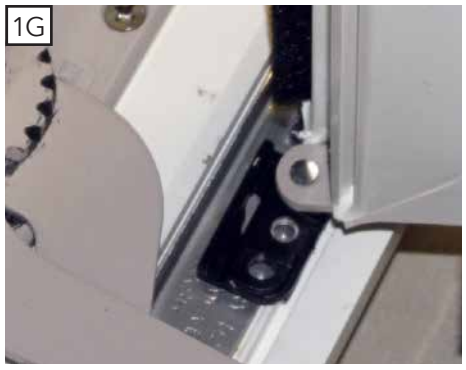












H. Remove the sash from the frame towards the interior and place sash on safe flat work area.





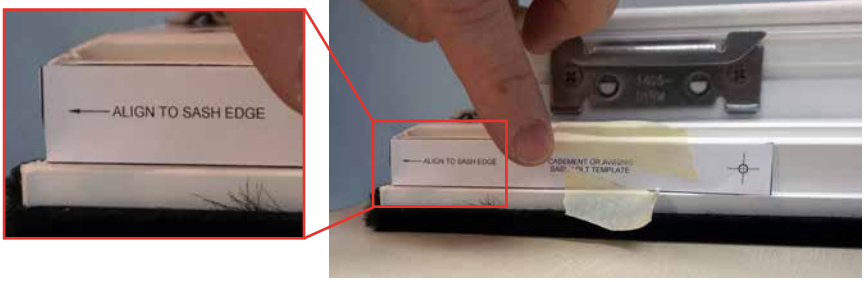


© 2025 Pella Corporation

2 Casement LOLT Installation:

Install LOLT Hardware on the Sash:

A. Cut out provided Sash LOLT template and align the designated template edge with the bottom edge of the sash lock side as shown. Use tape to hold the template in place.



B. Use a pencil or center punch to mark the pilot hole location on the sash edge. Drill a 3/32" diameter pilot hole through the first layer of sash vinyl material.





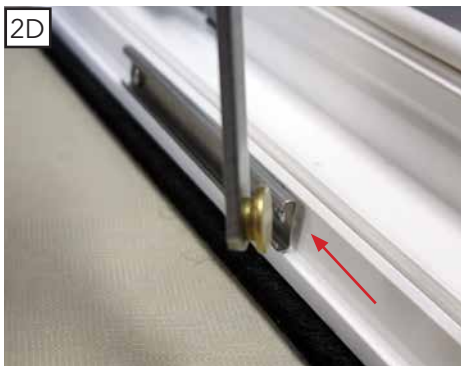


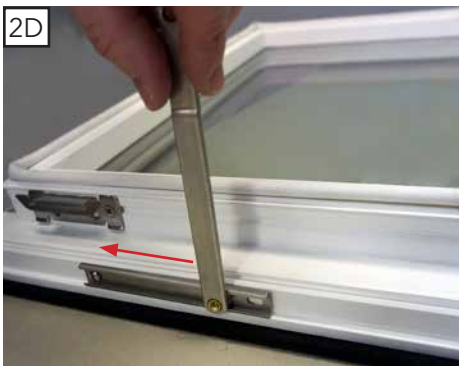
C. Place the LOLT sash bracket on the sash edge as shown with the bracket hole aligned with the pilot hole. Insert and tighten one of the provided panhead screws. DO NOT Overtighten.





D. Insert the LOLT arm into the bracket. Slide it far enough into the bracket to clear the other bracket hole.





© 2025 Pella Corporation

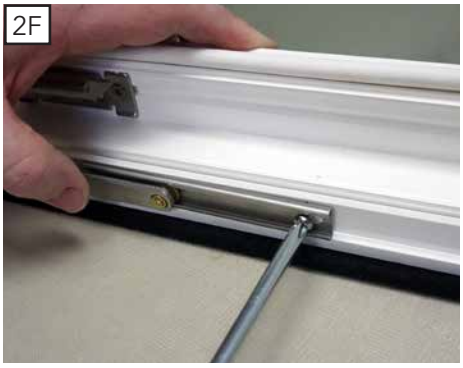
2 Casement LOLT Installation (continued):

Install LOLT Hardware on the Sash:

E. Use the other bracket hole as a drill template and drill a 3/32" pilot hole through the first layer of vinyl.



F. Install the other provided panhead screw.
DO NOT overtighten.





Install LOLT Hardware on the Frame:

G. Position the LOLT frame bracket on the as shown, use the bracket as a drill template to drill a 3/32" pilot hole through the first layer of the vinyl.







H. Install one of the provided flathead screws into the pilot hole to attach the bracket. DO NOT Overtighten.



© 2025 Pella Corporation

2 Casement LOLT Installation (continued):

Install LOLT Hardware on the Frame:

I. Use the other bracket hole as a drill template to drill a 3/32" pilot hole through the first layer of the vinyl. Install a provided flathead screw to attach the bracket. DO NOT Overtighten.







J. Install the Casement Sash – by performing Steps 3A- 3F. (See page 8)

K. Crank the window until nearly closed, place the sash LOLT arm over the frame LOLT bracket stud.





L. Use a flat-blade screwdriver to engage the clip.







M. Perform Step 3G.

© 2025 Pella Corporation

3 Casement Sash Installation:

A. Pass the sash through the frame.





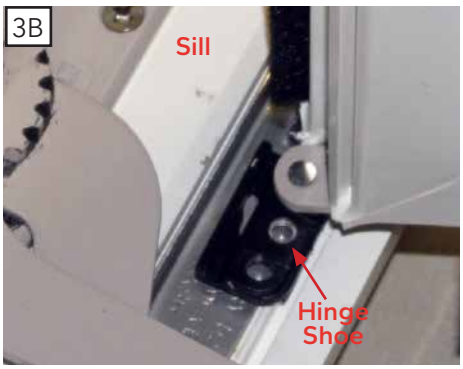


B. While securely holding the sash, slide the hinge shoes at the head and sill into the hinge slides.













C. Position the hinge arm over the hinge slide stud and press into place over the stud.





© 2025 Pella Corporation

3 Casement Sash Installation (continued):

D. Press up on the folding arm to attach it to the stud bracket on the sash.





E. Push the arm to install it into the operator track.





F. Insert the stop into the head hinge slide; insert and tighten the attachment screw.

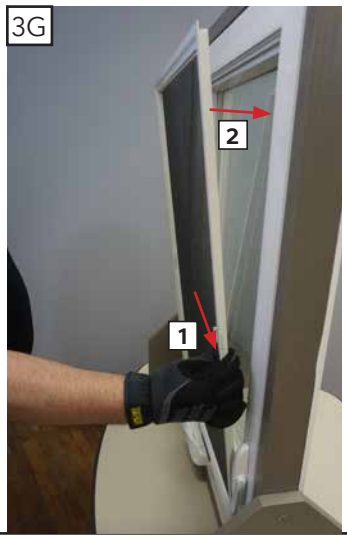






G. Crank window closed, fold down crank and engage lock.

Install the screen and engage the screen clips.





© 2025 Pella Corporation

4 Awning Sash Removal:

A. Remove the screen, unlock sash and open to its fully open position.

B. Disengage the roto operator arms from the sash by releasing the ends from the operator track slides.









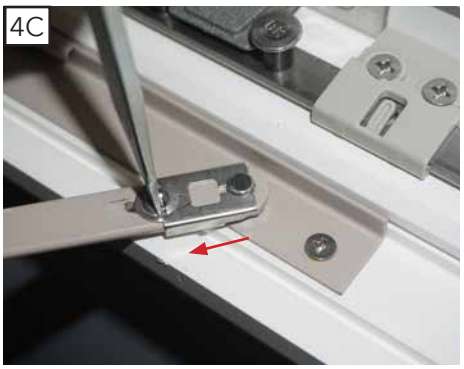




C. While securely holding the sash, disengage the hinge arm clip and remove the hinge arm from the hinge slide from each side of the frame.

Tip: Use a flat-blade screwdriver to disengage the clip.









© 2025 Pella Corporation

4 Awning Sash Removal (continued):

D. While continuing to securely hold the sash, slide the sash down until the hinge shoes come out of the hinge slides.







E. Remove the sash toward the interior.



5 Awning LOLT Installation:

Awnings with a frame width of <19-1/2" require 1 set of LOLT hardware on the left side as viewed from the exterior.

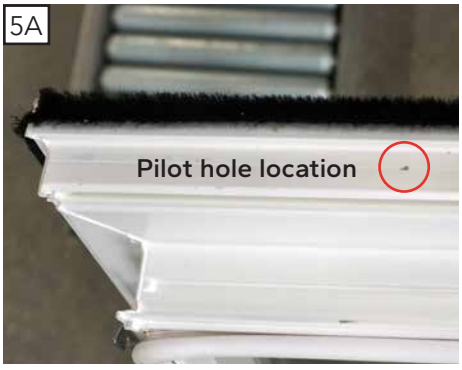
Awnings with a frame width of ≥19-1/2" require 2 sets of LOLT hardware, one on each side.

Install LOLT Hardware on the Sash:

A. Cut out provided Sash LOLT template and align the designated template edge with the bottom edge of the sash bottom rail as shown. If needed (when sash is laying on a flat surface); use tape to hold the template in place. Use a pencil or center punch to mark the pilot hole location on the sash edge.







© 2025 Pella Corporation

5 Awning LOLT Installation (continued):

B. Drill a 3/32" diameter pilot hole through the first layer of sash vinyl material.



C. Place the LOLT sash bracket on the sash edge as shown with the bracket hole aligned with the pilot hole. Insert and tighten one of the provided panhead screws. DO NOT Overtighten.







D. Insert the LOLT arm into the bracket. Slide it far enough into the bracket to clear the other bracket hole.





E. Use the other bracket hole as a drill template and drill a 3/32" pilot hole through the first layer of vinyl.





© 2025 Pella Corporation

5 Awning LOLT Installation (continued):

F. Install the other provided panhead screw. DO NOT overtighten.





Install LOLT Hardware on the Frame:

G. Position the LOLT frame bracket on the as shown, use the bracket as a drill template to drill a 3/32" pilot holes through the first layer of the vinyl.







Alternately, use the bracket as a template to mark the hole locations and drill at the marks.







H. Install the provided flathead screws into the pilot holes to attach the bracket. DO NOT Overtighten.







© 2025 Pella Corporation

5 Awning LOLT Installation (continued):

I. Repeat 5A-5H on opposite side of awnings with a frame width of ≥19-1/2".

J. Install the Awning Sash – by performing Steps 6A- 6D. (See page 13)

K. Crank the window until nearly closed, place the sash LOLT arm over the frame LOLT bracket stud and engage the clip.







Tip: Use a flat-blade screwdriver to assist in clip engagement.

L. Perform Step 6E.

6 Awning Sash Installation:

A. Pass the sash through the frame.



B. While securely holding the sash, slide the hinge shoes at the head and sill into the hinge slides.







© 2025 Pella Corporation

6 Awning Sash Installation (continued):

C. While continuing to securely hold the sash, place the hinge arm over the hinge slide stud and engage the hinge arm clip.

Tip: Use a flat-blade screwdriver to engage the clip.









D. Engage the roto operator arms to the sash by attaching the ends to the operator track slides.









E. Crank window closed, fold down crank and engage lock.

Install the screen and engage the screen clips.





© 2025 Pella Corporation

Sash Limited Opening Limited Travel Template:

Note: When printing for template use; make sure the printer page scaling is set to **none** or actual size, otherwise the template will not be the correct size and the holes will be incorrectly located.



© 2025 Pella Corporation