



STARGAZER NANO LONG  
SKYLIGHT  
OEM INSTALLATION MANUAL

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## Introduction

The Stargazer Nano Long Skylight can be installed on the roof of a unit to provide ventilation and allow sunshine in while providing privacy. The inner screen frame options allow for different types of ventilation and guards against pests. The inner screen assembly is a combination of a flyscreen and shade for windows that can be pulled across the skylight opening by hand using the two different profiles. The integrated spring shaft tensions the fabric permanently and gives optimum hold. The Stargazer Nano Long Skylight is positioned front to rear of unit and is designed for a curved interior roof. For information on the assembly or individual components of this product, please visit: <https://support.lci1.com/skylights>

**NOTE:** Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

## Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

### WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

### WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

### WARNING

All windows must be fully closed prior to travel. Failure to close windows prior to travel could result in product and/or property damage.

## ⚠ CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

## ⚠ CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

## ⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

## Resources Required

- 1-2 People, depending on task
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Appropriate drill bits
- Caulk gun
- Gunnable self-leveling Lap sealant
- Closed cell foam tape or butyl tape
- Scissors or cutting tool
- Cleaning cloths
- Alcohol based cleaner
- #8 x1 pan quad T-2 self drilling screw w/assembled 5/8" neo-bond washer – (Approx. 48 for outer roof skylight)
- #8 x 3/4" pan head screws (6 for inner frame / screens)

## Prior to Installation

When not being installed, the Stargazer Skylights should be stored inside, safe from the outside elements. Check that rough opening measures to the size stated on the Stargazer Nano Long Skylight label. The tolerance should be between  $\pm 1/8"$ . Make sure that the opening has proper framework supporting it, ie; aluminum, steel tubing or lumber.

1. Remove all packing material and tape before installation of the Stargazer skylight.
2. Clean the back surface of the outside flange of the outer frame of the window assembly (Fig. 1A).
3. Install OEM provided inner seal along the back inside perimeter (Fig. 2A - red line) of the outer frame surface of the window assembly. This helps to create a tight seal once the window is completely installed inside the roof of the unit.

Fig. 1

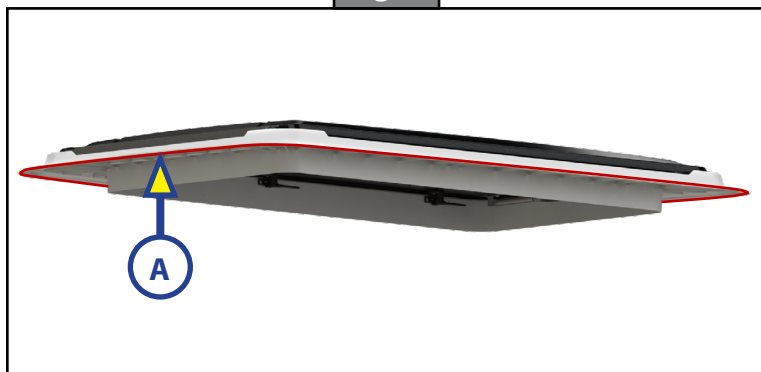
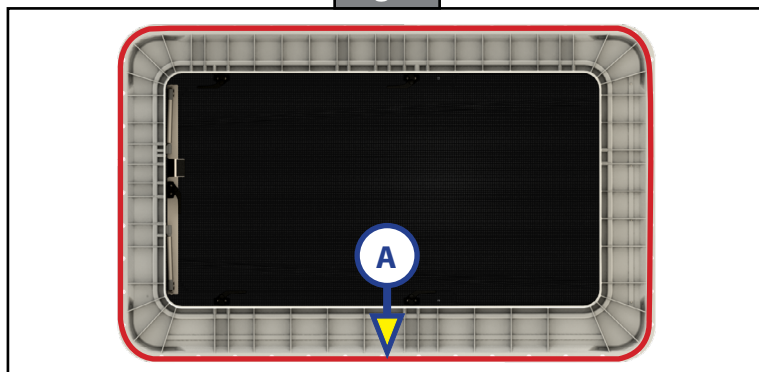


Fig. 2



## Installation

### Skylight Roof installation

1. Place the skylight window assembly in the rough opening of the unit, centered side to side with the hinge pins (Fig. 3A) facing towards the front of the unit.

**NOTE:** All screws should be screwed loose enough to allow the adapter to expand and contract.

2. Start by installing the #8 x 1" pan quad T-2 self drilling screws w/assembled 5/8" neo-bond washers (Fig. 4A) at the four corners. Install the rest of the fasteners from the corners, working in towards the center, in each pre-drilled hole (Fig. 4B) along the perimeter of the outer frame.
3. Apply the gunnable self-leveling sealant over each screw (Fig. 5A - green area).
4. Apply the gunnable self-leveling sealant around the perimeter where the skylight frame and roof meet (Fig. 6A - green area).

Fig. 3

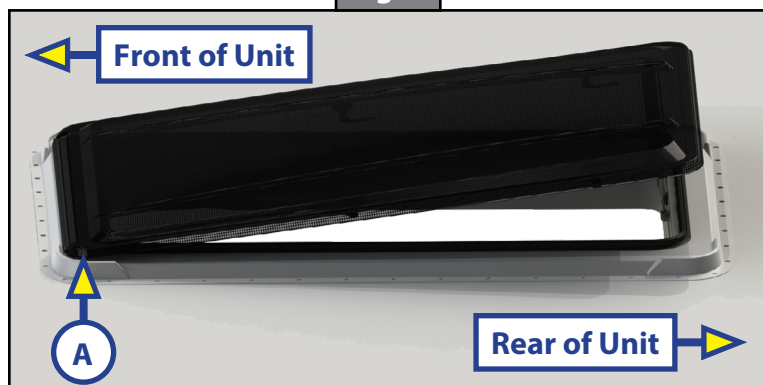


Fig. 4

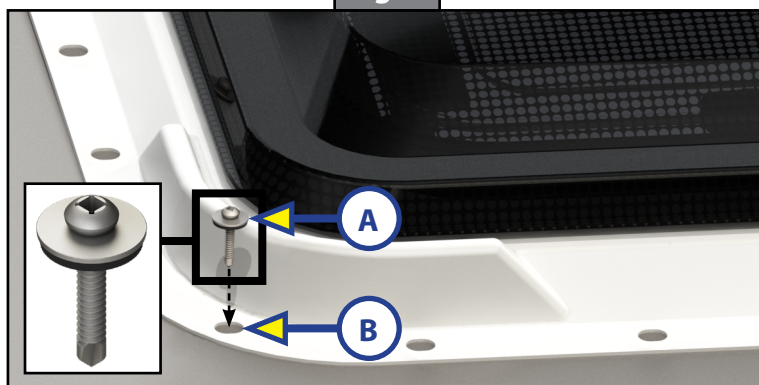


Fig. 5

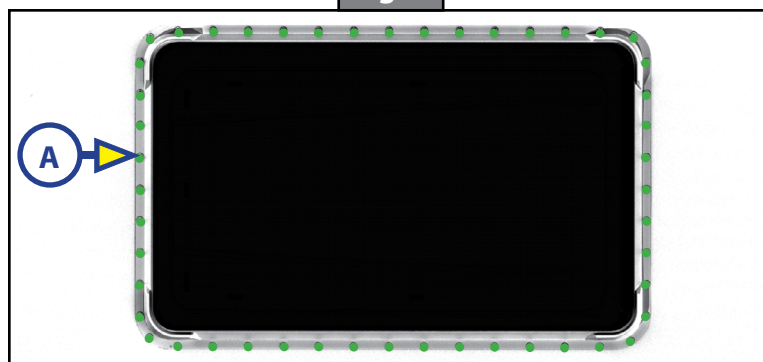
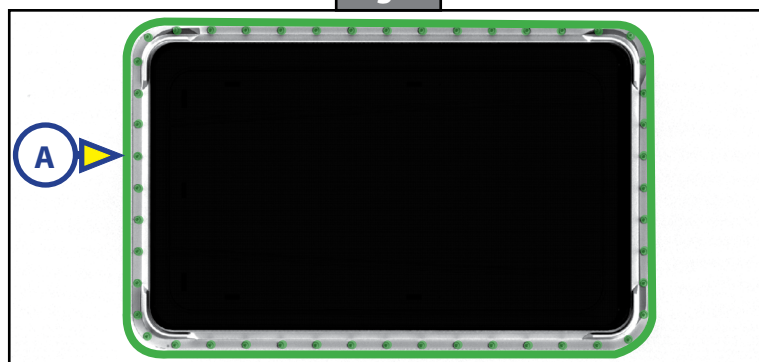


Fig. 6



### Skylight Inner Screen Ceiling Frame

1. Insert the ceiling trim piece (Fig. 7A) inside the skylight housing (Fig. 7B) with the flange of the trim (Fig. 7A) flush to the ceiling (Fig. 7C).
2. Place the screen frame (Fig. 8A) centered over the trim in the ceiling.
3. Install six #8 x 3/4" pan head screws (Fig. 9C) through the pre-drilled holes (Fig. 9B) of the screen frame, through the ceiling trim, and into the ceiling.
4. Install six screw caps (Figs. 9D, 10A) over the screw holes in the screen frame.

Fig. 7

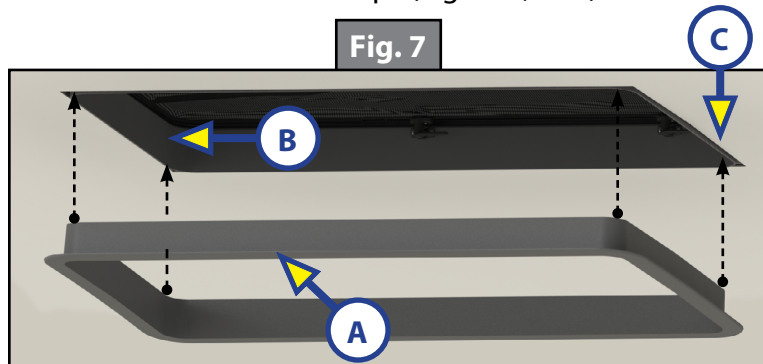


Fig. 8

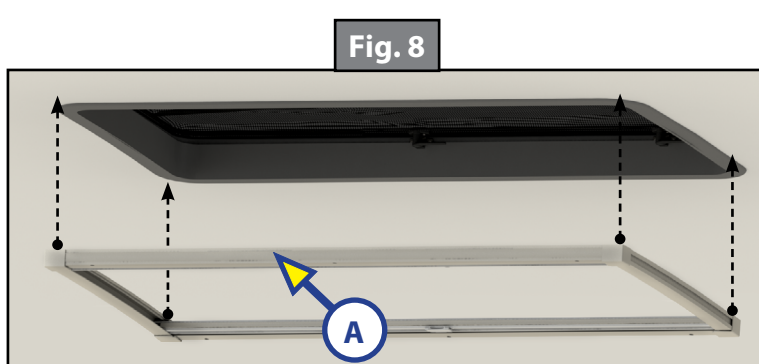


Fig. 9

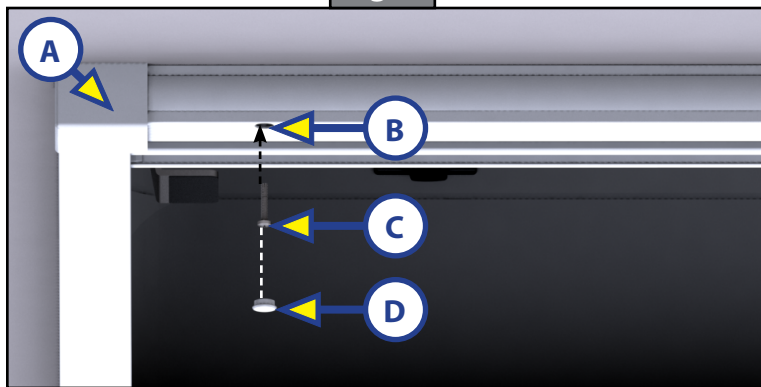
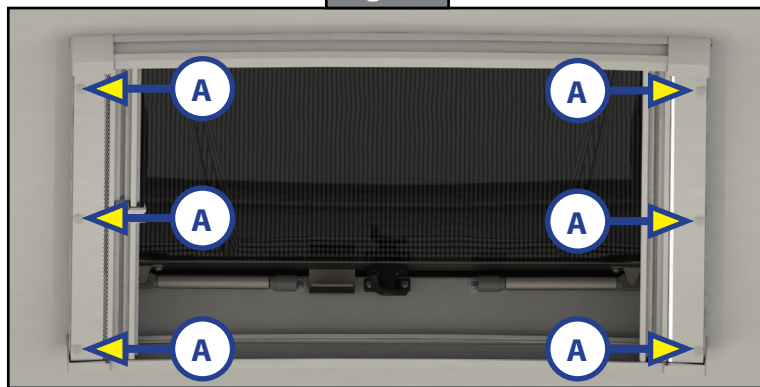


Fig. 10



## Operation

### **⚠ WARNING**

**All windows must be fully closed prior to travel. Failure to close windows prior to travel could result in product and/or property damage.**

### Skylight Open Position

**NOTE: DO NOT** rapidly slide the profiles of the screen frame assembly. Rapidly sliding the profiles may cause damage to the screen frame or ceiling of the unit.

1. If applicable, toggle the screen latch (Fig. 11A) to slide the screens (Fig. 11B) back into the screen frame to be able to access the Stargazer Nano Long Skylight's five skylight window latches.
2. Press in on the latch button (Fig. 12A) and swing the latch (Fig. 12B) from the closed position (Fig. 12) to the open position (Fig. 13A).

**NOTE:** The Stargazer Nano Long Skylight opens to a maximum of 8 degrees. **DO NOT** force the skylight window open any farther than it will extend.

3. Push up on the skylight window's handle (Fig. 14A) to open the skylight window.

Fig. 11

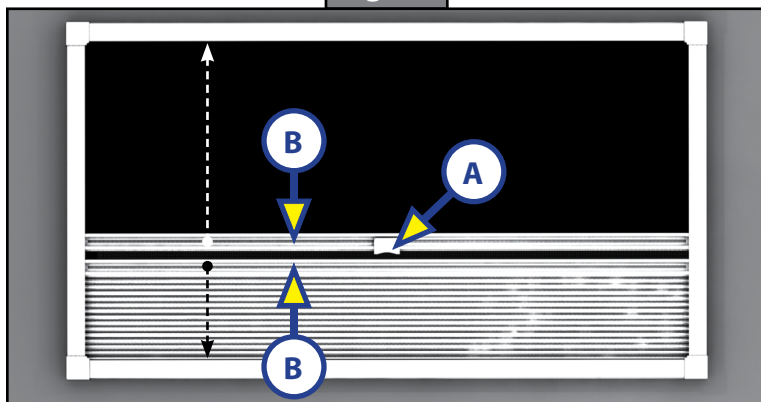


Fig. 12

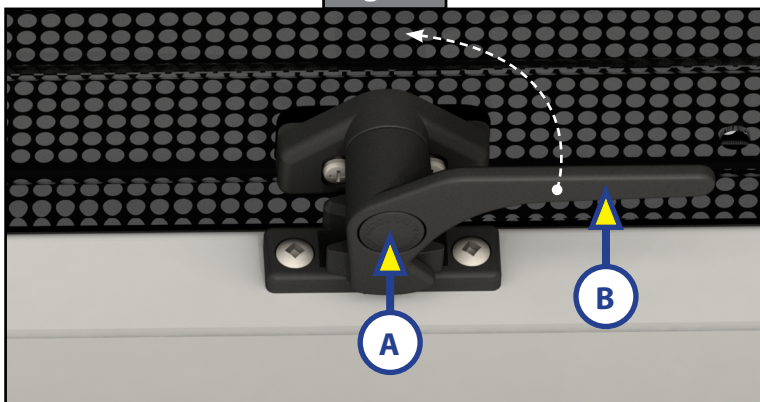


Fig. 13

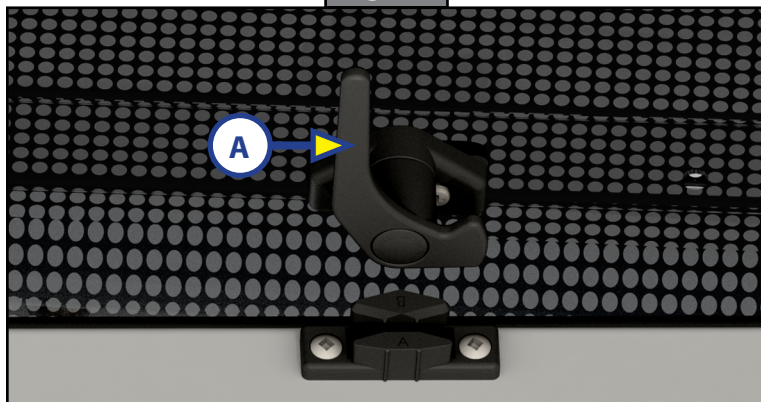
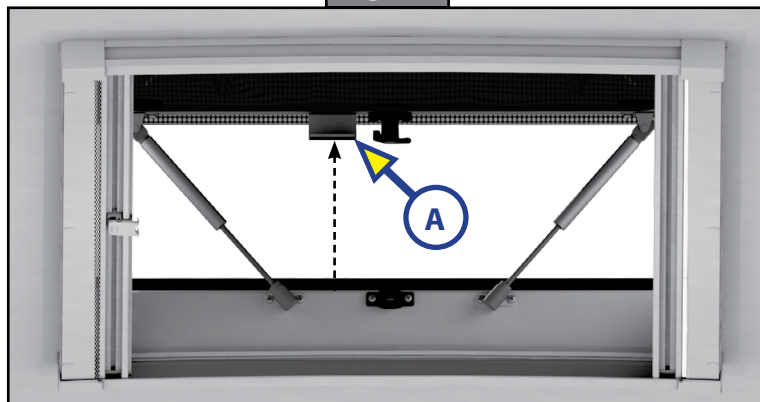


Fig. 14



4. If desired, slide the inner screens (Fig. 15) forward or back into a comfortable position or keep the screens back in the screen frame to get the maximum air flow from the open skylight window (Fig. 16).

Fig. 15

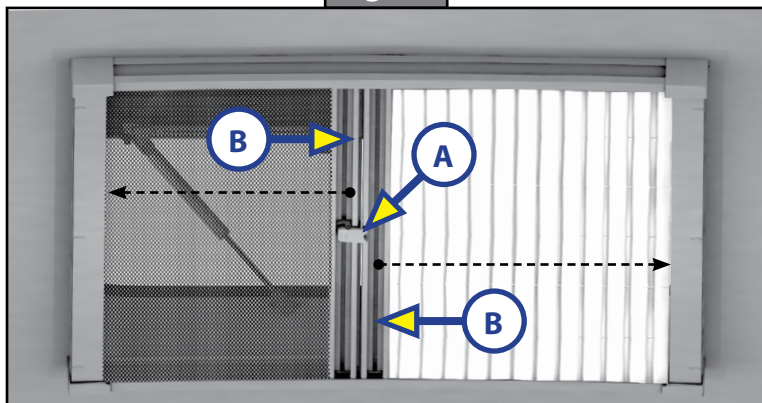


Fig. 16



### Skylight Closed Position

### **⚠ WARNING**

**All windows must be fully closed prior to travel. Failure to close windows prior to travel could result in product and/or property damage.**

**NOTE: DO NOT** rapidly slide the profiles of the screen frame assembly. Rapidly sliding the profiles may cause damage to the screen frame or ceiling of the unit.

1. If applicable, toggle the screen latch (Fig. 17A) to slide the screens (Fig. 17B) back into the screen frame to be able to access the Stargazer Nano Long Skylight's five skylight window latches.
2. Pull down on the skylight window handle (Fig. 18A) and swing all five open latches (Fig. 19A) to the closed position (Fig. 20A). The latch button (Fig. 20B) will click into place.
3. If desired, slide the inner screens (Fig. 17B) forward or back to shade the sun.

Fig. 17

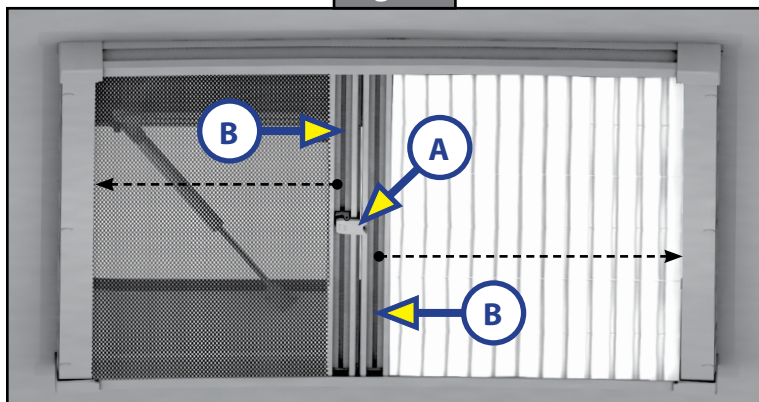


Fig. 18

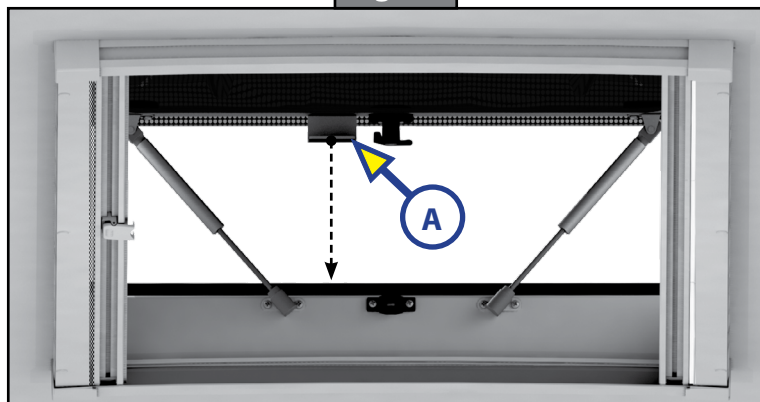


Fig. 19

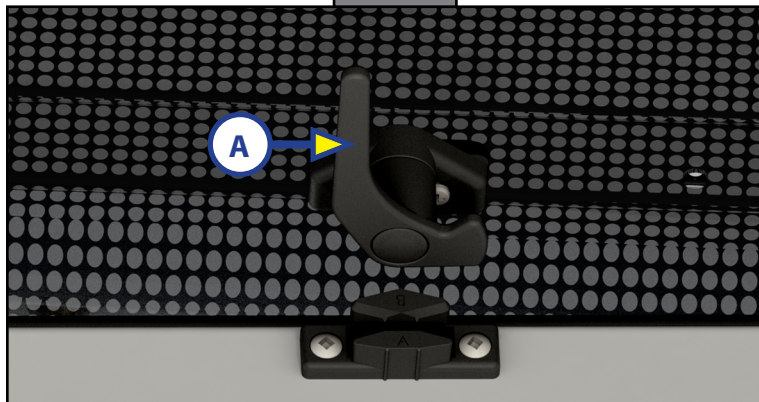
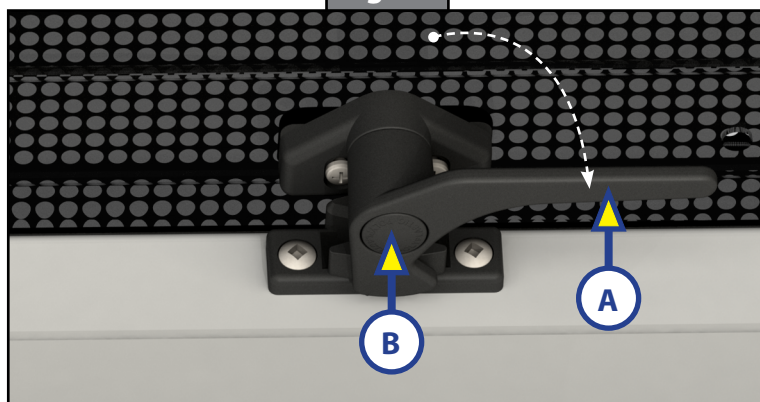


Fig. 20



## Maintenance

Spot clean only the frame with a damp, microfiber cloth and mild soap. For persistent stains, use Burnus acrylic/plastic cleaner (or equivalent) which is a 2-propanol (C<sub>3</sub>H<sub>8</sub>O) based cleaning aid. It is anti-static and non-abrasive. **DO NOT** spray Burnus or equivalent directly on the window. Spray the cleaner on the microfiber cloth and wipe the window with the cloth.

## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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Follow proper safety practices. If in doubt, consult a professional RV technician.