



UNIVERSAL VENT LID

Assembly, Installation, Operation,
and Maintenance Instructions

PART NUMBER	69177, 69178, 69179, 69180
INSTALL TIME	15 MINUTES

FOR 14" x 14" VENTS



WARNING!

Installation of this product requires going on the roof of the RV/trailer. Care must be taken to avoid trip hazards and no-step zones. **NEVER** walk backwards on a roof!

END USER

Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product. Failure to follow these instructions can result in injury or death.

TOOLS REQUIRED

#2 PHILLIPS SCREW DRIVER

REGULAR PLIERS (FOR VENTLINE E-Z LIFT)

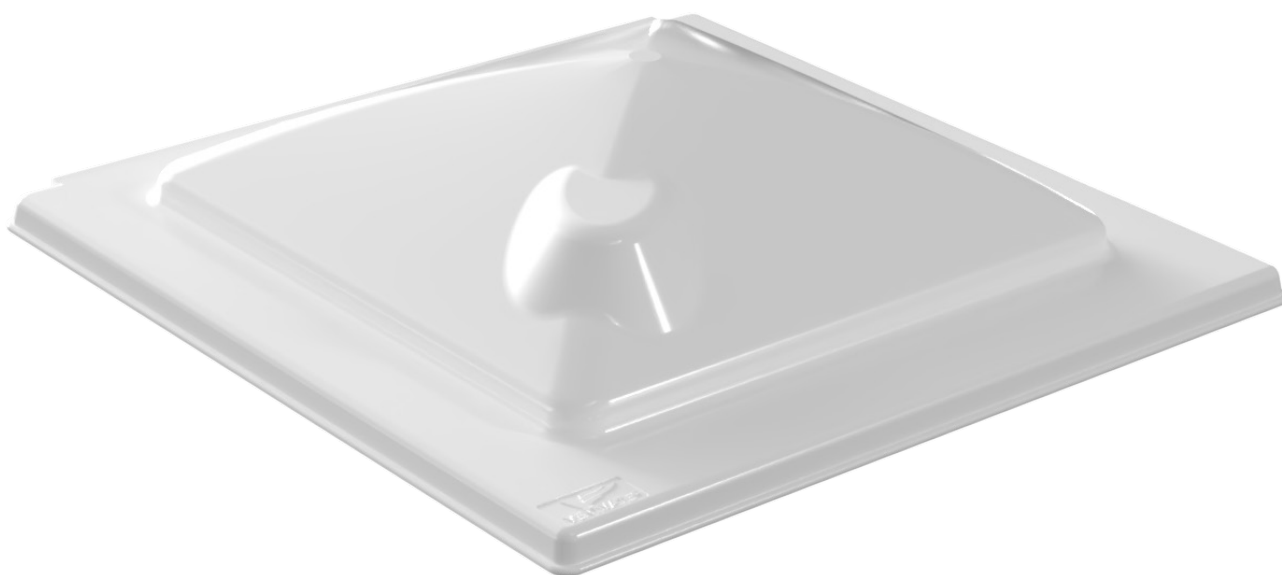
NEEDLE NOSE PLIERS (FOR VENTLINE OLD STYLE)

SMALL SCREW DRIVER OR ROD OF 1/8" DIAMETER (FOR JENSEN OLD STYLE)

PACKAGE CONTENTS

LID	1	HINGE PINS FOR CROSS BAR	2
CROSS BAR	1	HINGE FOR VENTLINE OLD STYLE AND 1995+ ELIXIR	1
I-BEAM SLIDER	1	HINGE FOR JENSEN OLD STYLE	1
SCREWS FOR VENTLINE OLD STYLE AND 95+ ELIXIR	3	HINGE FOR JENSEN NEW STYLE	1
SCREWS FOR JENSEN OLD STYLE	3	HINGE FOR DEXTER/VENTLINE, NEW STYLE	1
O-RINGS	2	HINGE FOR DEXTER/VENTLINE, VENTADOME & E-Z LIFT (POWERED AND NON-POWERED)	1
HAIR PINS	3		

Note: It may be necessary to remove the inner screen and/or operator crank/knob to perform some of the following steps.

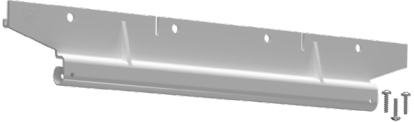
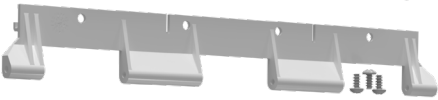
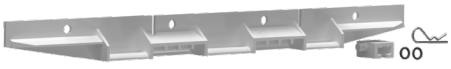
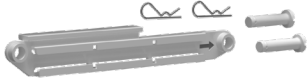


TO REMOVE THE OLD LID

1. Move the operator to the full/near full open position, even if the lid is broken or missing.
2. For all models **except** Dexter/Ventline E-Z Lift, remove the screws that secure the operator to the vent frame. Save these screws. They will be needed for reassembly.
3. Drop the operator assembly out of the vent frame while sliding it toward the large end of the keyhole shaped slot in the cross bar. Some vents may have an I-Beam style cross bar rather than a keyhole shaped slot.
4. Remove the vent lid. (This will require going up on the roof).
 - a. **For old style Jensen.**
 - I. Remove the two screws from the outside ends of the hinge on the lid.
 - II. Remove the hinge rod that was trapped within the hinge, between the removed screws. A small round tool of some sort will be needed to reach into the bore and push the rod out until it is accessible by hand.
 - III. Save this hinge rod. It will be needed for the new lid.
 - b. **For new style Jensen.**
 - I. Rotate the lid towards the front of the RV approximately 180° until it clears the hinge on the vent frame.
 - c. **For old style Ventline and 1995+ Elixir.**
 - I. (On the roof). Bend the sheet metal tab at one end (either end) of the lid hinge so that it no longer blocks the path of the mating hinge.
 - II. Rotate the lid to the full open position so the sides of the lid will clear the vent frame, and slide the lid to the side until it clears the hinge on the vent frame.
 - d. **For new style Dexter/Ventline.**
 - I. Rotate the lid towards the front of the RV approximately 180° until it clears the hinge on the vent frame.
 - e. **For Dexter/Ventline E-Z Lift.**
 - I. Open the lid and note which hole in the lift arm that the I-Beam slider is installed into, then remove the barbed plastic pin that attaches the I-Beam slider to the lift arm. (You may need pliers for this).
 - II. Rotate the lid towards the front of the RV approximately 180° until it clears the hinge on the vent frame.

INSTALLATION

1. Select the hinge that matches the one removed. (Make sure to select the correct one). Removing it later may be difficult. Bag markings:

- A. Ventline, Old Style and 1995+ Elixir → 
- B. Jensen, Old Style → 
- C. Jensen, New Style → 
- D. Dexter/Ventline, New Style → 
- E. Dexter/Ventline, E-Z Lift → 
- F. Universal cross bar → 

2. Line up the guide slots in the hinge with the guides (**Figure 1**) in the hinge receptacle area of the universal lid and slide it up into place until it is fully seated and locked. (**Figure 2**)

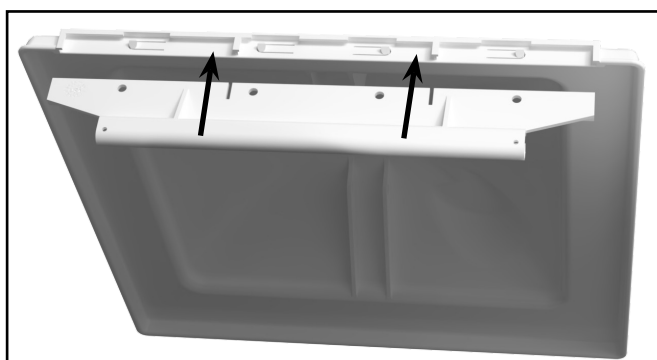


Figure 1

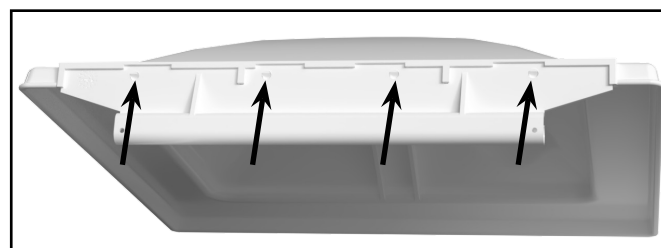


Figure 2

3. Check along the inside surface of the lid to make sure that all spring buttons have returned to their original positions firmly locking the hinge to the lid. (**Figure 3**). The inside surface of the spring buttons should be flush with the inside surface of the lid.

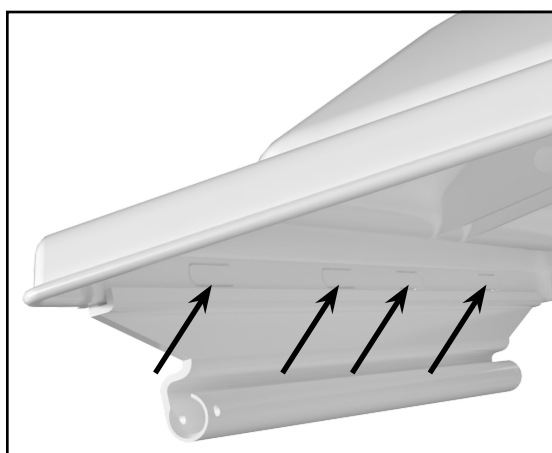


Figure 3

INSTALLATION (CONTINUED)

4. Old style Jensen.

- a. (Inside the RV). Reinstall the operator onto the vent frame, using the screws that were removed earlier. Then crank it to appx 50% open position.
- b. (On the roof). Align the hinge on the lid with the hinge on the vent and insert the hinge rod (**Figure 4**) that was saved from the old lid. Make sure the rod is engaged with both of the outer hinges on the lid and is roughly centered.
- c. Install the screws that were supplied with the new hinge into the outsides of the outside hinges to trap the rod in place. (**Figure 5**).

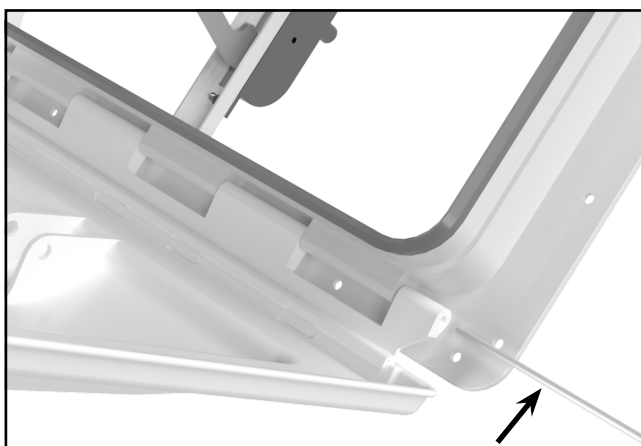


Figure 4

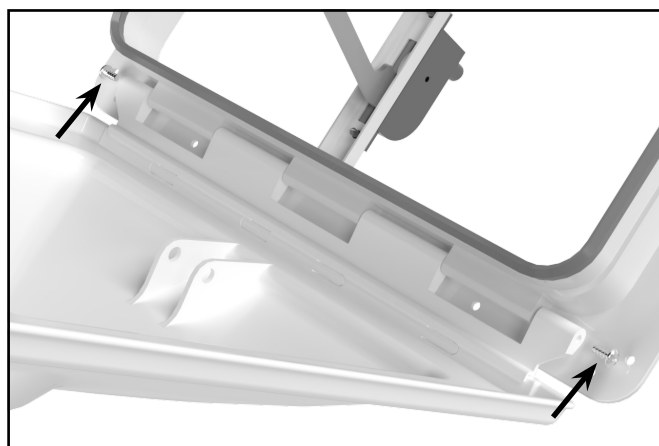


Figure 5

- d. Install the universal cross bar onto the lift arm roller with the indicator arrow (**Circled in Figure 6**) pointing forward/towards the hinge.
- e. Rotate the lid towards the installed cross bar and install the universal cross bar into the lid. (**Figure 7**)
 - I. Allowing the lift arm to control the left/right position of the cross bar, slide a hinge pin thru the hole in one side of the cross bar mount on the inside of the lid, thru the cross bar and thru the other side of the cross bar mount. It doesn't matter which way the pin goes and it doesn't matter if you do the front or rear first.
 - II. Secure with a hair pin. (**Figure 7 Inset**).
 - III. Repeat this procedure at the other end of the cross bar.
- f. Reinstall the interior screen and operator crank/knob if removed.



Figure 6

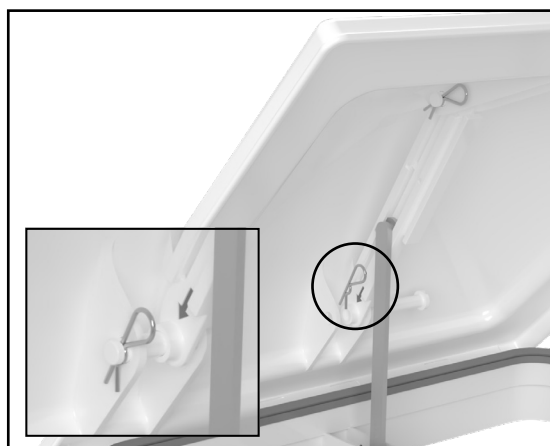


Figure 7

INSTALLATION (CONTINUED)

5. New style Jensen.

- a. (Inside the RV). Reinstall the operator onto the vent frame, using the screws that were removed earlier. Then crank it to the full open position.
- b. (On the roof). Install the universal cross bar onto the lift arm roller with the indicator arrow pointing rearward/away from the hinge. **(Figure 8)**
- c. Align the hinge on the lid with the hinge on the vent and rotate the lid towards the installed cross bar and install the universal cross bar into the lid. **(Figure 9)**
 - I. Allowing the lift arm to control the left/right position of the cross bar, slide a hinge pin thru the hole in one side of the cross bar mount on the inside of the lid, thru the cross bar and thru the other side of the cross bar mount. **(Figure 9a)** It doesn't matter which way the pin goes and it doesn't matter if you do the front or rear first.
 - II. Secure with a hair pin. **(Figure 9a Inset).**
 - III. Repeat this procedure at the other end of the cross bar.
- d. Reinstall the interior screen and operator crank/knob if removed.

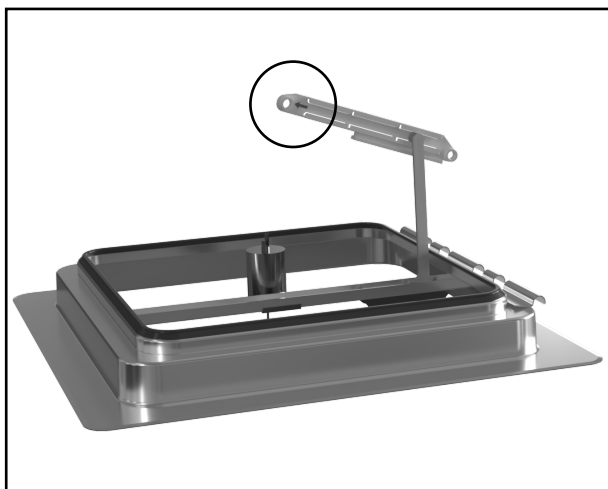


Figure 8

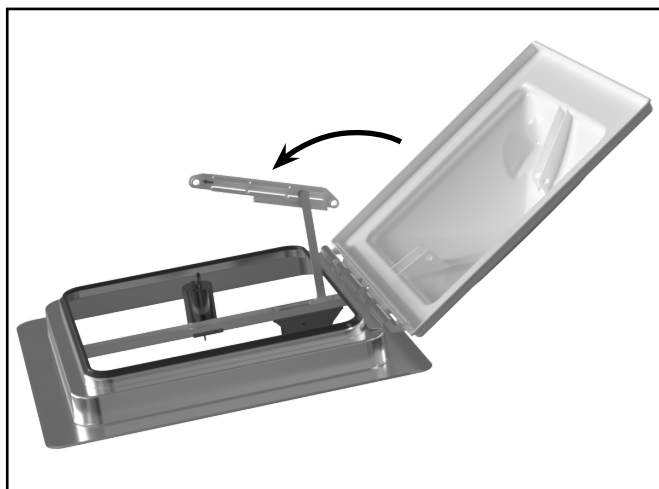


Figure 9

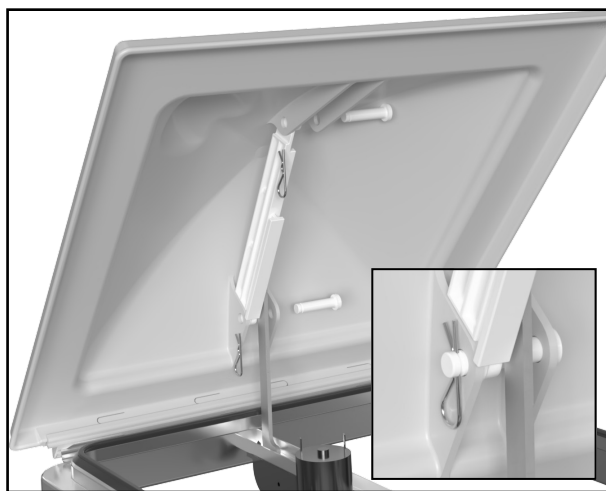


Figure 9a

INSTALLATION (CONTINUED)

6. Old style Ventline and 1995+ Elixir.

- a. (Inside the RV). Reinstall the operator onto the vent frame, using the screws that were removed earlier. Then crank it to appx 50% open position.
- b. (On the roof). Align the hinge on the lid with the hinge on the vent and slide the lid onto the hinge on the vent frame. **(Figure 10)**
- c. Center the hinges with each other, close the lid (don't worry about the cross bar and operator yet.), and install the set screws in the holes at each end of the lid hinge. **(Figure 11)**

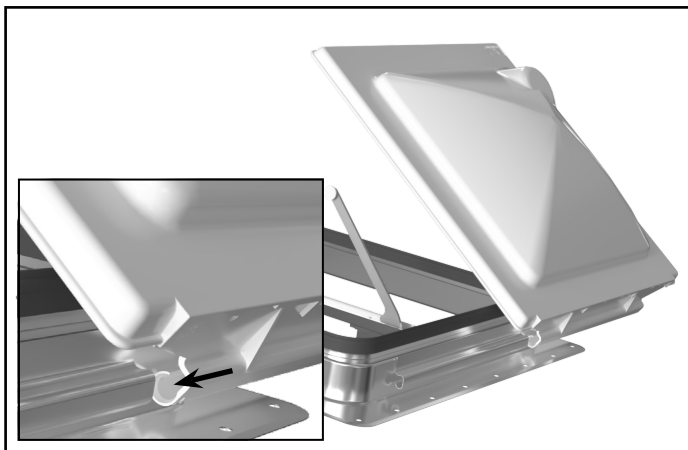


Figure 10

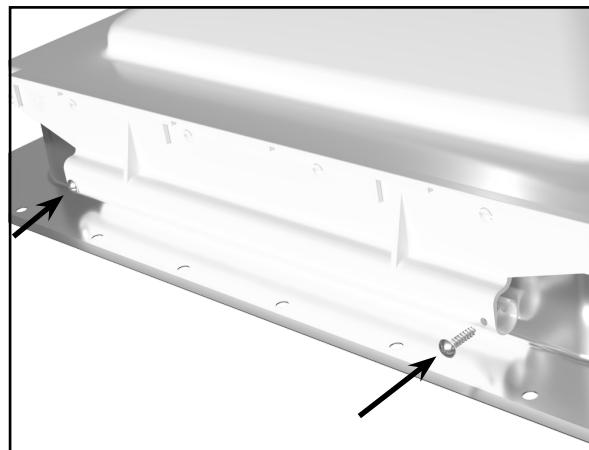


Figure 11

- d. Tip the lid back up and install the universal cross bar onto the lift arm roller with the indicator arrow pointing forward/towards the hinge. **(Figure 12)**
- e. Rotate the lid towards the installed cross bar and install the universal cross bar into the lid. **(Figure 12)**
 - I. Allowing the lift arm to control the left/right position of the cross bar, slide a hinge pin thru the hole in one side of the cross bar mount on the inside of the lid, thru the cross bar and thru the other side of the cross bar mount. It doesn't matter which way the pin goes and it doesn't matter if you do the front or rear first. **(Figure 13)**
 - II. Secure with a hair pin. **(Figure 13 Inset)**.
 - III. Repeat this procedure at the other end of the cross bar.
- f. Reinstall the interior screen and operator crank/knob if removed.

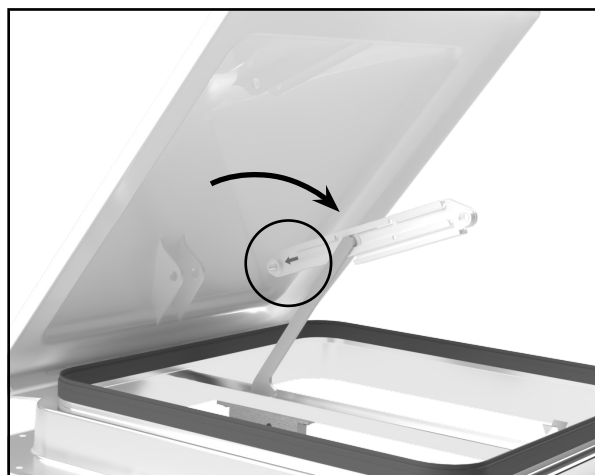


Figure 12

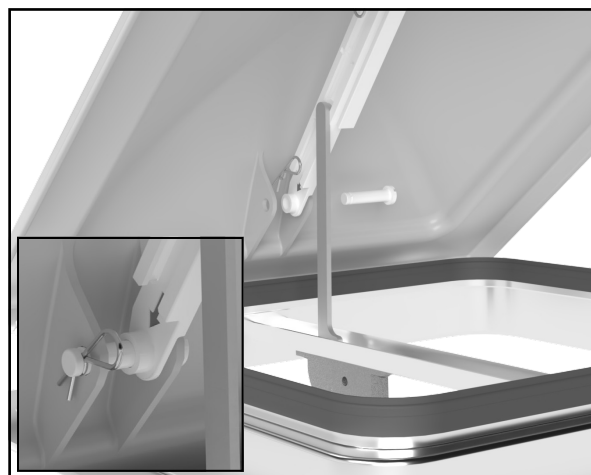


Figure 13

INSTALLATION (CONTINUED)

7. New style Dexter/Ventline.

- a. (Inside the RV). Reinstall the operator onto the vent frame, using the screws that were removed earlier. Then crank it to the full open position.
- b. (On the roof). Install the universal cross bar into the lift arm slider with the indicator arrow pointing forward/towards the hinge. **(Figure 14)**
- c. Align the hinge on the lid with the hinge on the vent and rotate the lid towards the installed cross bar and install the universal cross bar into the lid. **(Figure 15)**
 - I. Allowing the lift arm to control the left/right position of the cross bar, slide a hinge pin thru the hole in one side of the cross bar mount on the inside of the lid, thru the cross bar and thru the other side of the cross bar mount. It doesn't matter which way the pin goes and it doesn't matter if you do the front or rear first. **(Figure 15a)**
 - II. Secure with a hair pin. **(Figure 15a Inset).**
 - III. Repeat this procedure at the other end of the cross bar.
- d. Close the lid with the same force you usually use to seal the lid and confirm the lid closes completely without interference from the mounting screw shown in **(Figure 16)**. If needed, replace this screw with the shorter screw provided.
- e. Reinstall the interior screen and operator crank/knob if removed.

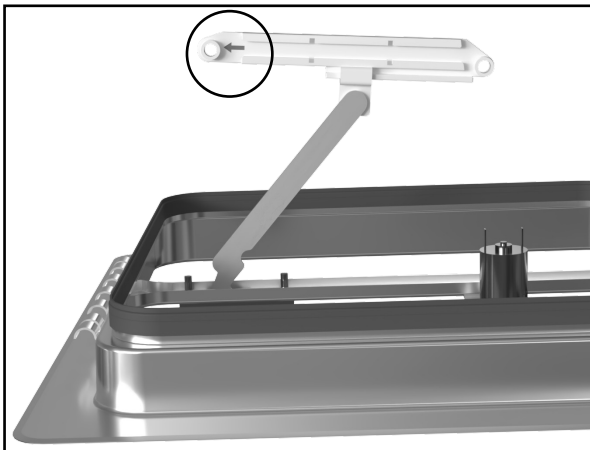


Figure 14



Figure 15

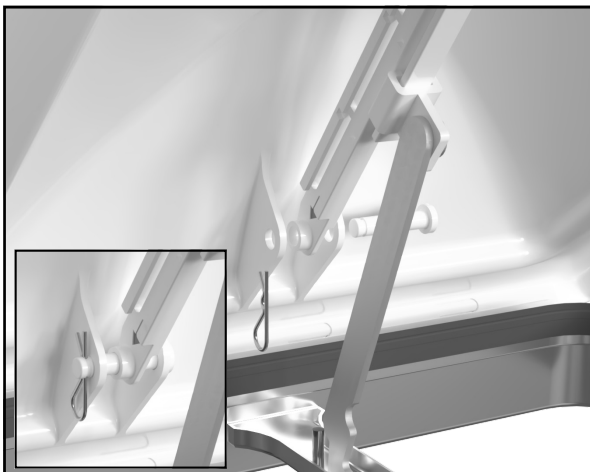


Figure 15a

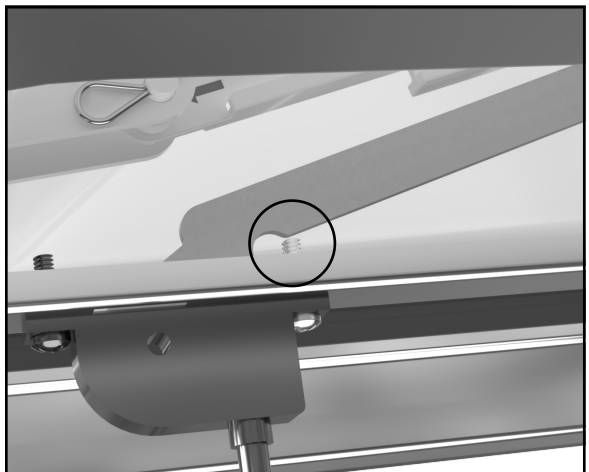


Figure 16

INSTALLATION (CONTINUED)

8. Dexter/Ventline E-Z Lift.

- a. (Inside the RV). Position the operator to the full open position.
- b. (On the roof). Slide the supplied O-ring onto the shaft of the supplied I-Beam Slider. **(Figure 17)**
- c. (On the roof). Install the new I-Beam Slider (Supplied) into the lift arm, in the same hole that the old slider was installed in, so that the slider is on the passenger side of the lift arm and secure with a hair pin. Some friction between the lift arm and hair pin is intended. **(Figure 18)**
- d. With the indicator arrow pointing forward/toward the hinge, slide the universal cross bar into the I-Beam slider. (Any where along the beam is ok for now.). **(Figure 19)**

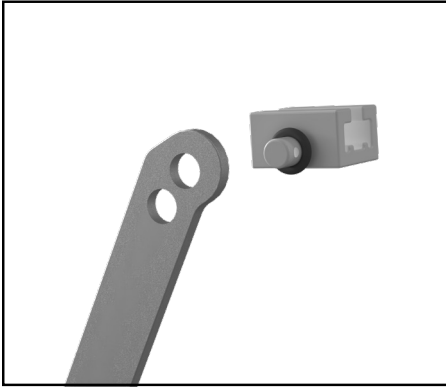


Figure 17

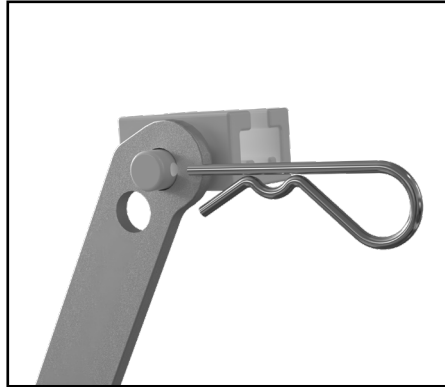


Figure 18

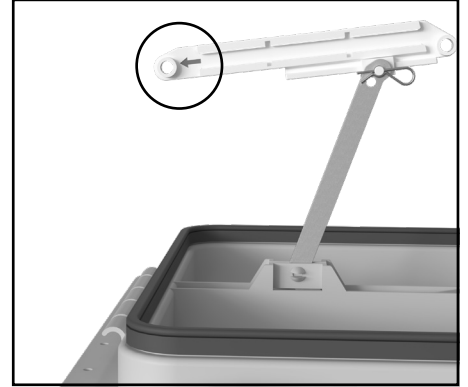


Figure 19

- e. Align the hinge on the lid with the hinge on the vent and rotate the lid towards the installed cross bar and install the universal cross bar into the lid. **(Figure 20)**
 - I. Allowing the lift arm to control the left/right position of the cross bar, slide a hinge pin thru the hole in one side of the cross bar mount on the inside of the lid, thru the cross bar and thru the other side of the cross bar mount. It doesn't matter which way the pin goes and it doesn't matter if you do the front or rear first. **(Figure 21)**
 - II. Secure with a hair pin. **(Figure 21 Inset).**
 - III. Repeat this procedure at the other end of the cross bar.
- f. Reinstall the interior screen if removed.

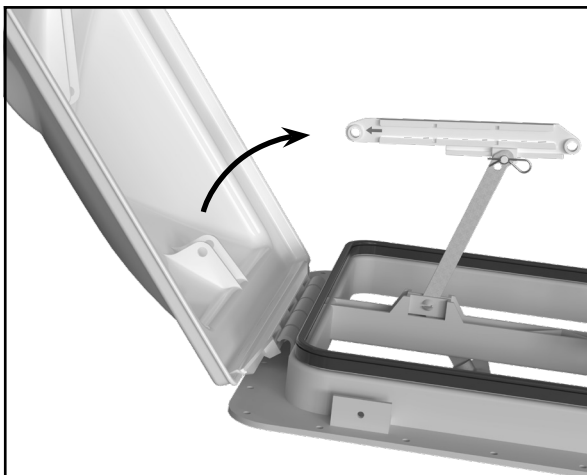


Figure 20

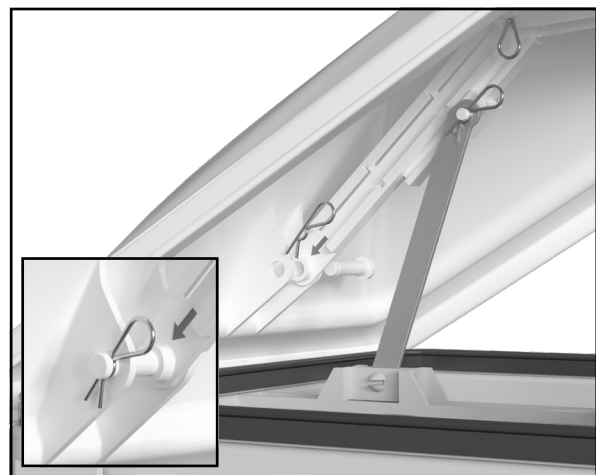


Figure 21

WARRANTY STATEMENT

KEYSTONE AUTOMOTIVE OPERATIONS, INC. VENTMATE® UNIVERSAL VENT LIDS LIMITED-LIFETIME WARRANTY POLICY

Keystone Automotive Operations, Inc. guarantees all Universal Vent Lids to be free from material and/or manufacturing defects to the original purchaser for the length of warranty stated above from the date of retail purchase provided that the cover is in possession of the original owner and is used for personal, family, or domestic purposes only. Vent Lids used in commercial applications are warranted for a period of ninety (90) days from the original date of purchase.

COVERAGE:

1. Limited warranty coverage includes repair or replacement of defective parts including brackets, hardware, and the cover itself.
2. Coverage also includes freight (ground service only) for the shipment of a replacement part and for the return shipment of the defective part that will be required to be returned to the Warranty Processing Department for inspection.

LIMITATIONS OF WARRANTY:

1. This warranty does not apply to products that have been subjected to abuse, misuse, negligence, accident, fire, improper repair, improper installation, normal wear and tear, or alteration. Any other unreasonable use disqualifies the product from warranty coverage.
2. For the warranty to be valid, the owner must provide proof of purchase.
3. The owner must contact the Warranty Processing Department at 877-544-4449 or email warranty@lkqspg.com for warranty repair parts or replacement.

LIMITATION OF REMEDY:

1. Under this warranty Keystone Automotive Operations is responsible only for the repair or replacement of the defective component part(s), at their sole discretion.
2. In no event shall Keystone Automotive Operations be responsible for consequential or incidental damages, damages arising from improper installation, improper use, abuse, misuse, alteration, or normal wear and tear.

LEGAL RIGHTS:

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

For more information about this warranty please call 877-544-4449.

CONTACT US

TECH SUPPORT/WARRANTY

PHONE: 877-544-4449

EMAIL: warranty@lkqspg.com