REPLACEMENT OF AN EXTERIOR RV SIDE WINDOW

TI-346

WINDOWS

Purpose

This document outlines the procedure for replacing any series exterior RV side window.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

⚠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.

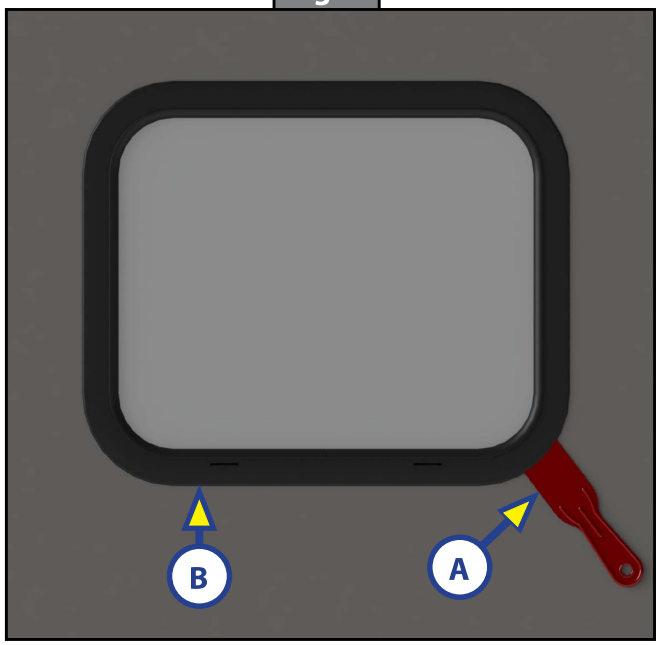
Resources Required

- 1 to 2 persons, depending on task
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Installation tape or putty tape
- Flat head screwdriver
- Phillips screwdriver
- Ladder
- Plastic putty knife
- Mineral spirits
- Rubbing alcohol

Removal

1. Remove the screws securing the clamp ring on the interior side of the window. Retain the clamp ring and screws for re-installation.
2. Open the window, if possible, to make it easier to hold during removal.
3. On the exterior side of the window, use a plastic putty knife (Fig. 1A) to carefully break the seal around the outside of the window frame (Fig. 1B).

Fig. 1



4. Scrape off any old sealant with the putty knife.
5. Clean any residual sealant with mineral spirits then clean the perimeter of the opening with rubbing alcohol to make sure the surface is clean before installation.

Preparation

Rough Opening

⚠ CAUTION

Improper rough openings, protrusions, uneven surfaces or jagged edges can impede proper seating of the window which can lead to leaks.

The tolerance for the manufacturer's rough opening is +/- 1/16". The opening must be square, level and plumb. The opening must be free from protrusions, uneven surfaces or jagged edges.

Walls and Radius

⚠ CAUTION

Installation on sloped walls can lead to water penetrating into the unit.

LCI windows are designed to be installed on vertical walls. Installation on sloped walls can lead to water penetrating into the unit.
The radius corner block must be 3 5/16" for a 3 1/8" radius window and 4 3/16" for a 4" radius window.

NOTE: An oversized radius block can cause the window to be tight in the corners and can damage the window. An undersized radius block can create a gap and cause installation leaks in the radius.

The exterior surface around the window opening must be smooth. If shims are used around the opening, they **MUST** be used around the entire perimeter of the window including the radius. Any raised ribs or splice joints in siding must be smooth to ensure a proper seal and window function.

Window Preparation

- If there are dents present on the window flange, they must be straightened prior to application of installation or putty tape.
- It is recommended that window flange is clean and free of debris before applying installation or putty tape.
- Installation tape must be installed on the outer edge of the window flange to maximize contact surface area between foam tape and wall.

⚠ CAUTION

Make sure the installation or putty tape is not stretched across the window as it will roll or fold in the radius, which can lead to installation leaks.

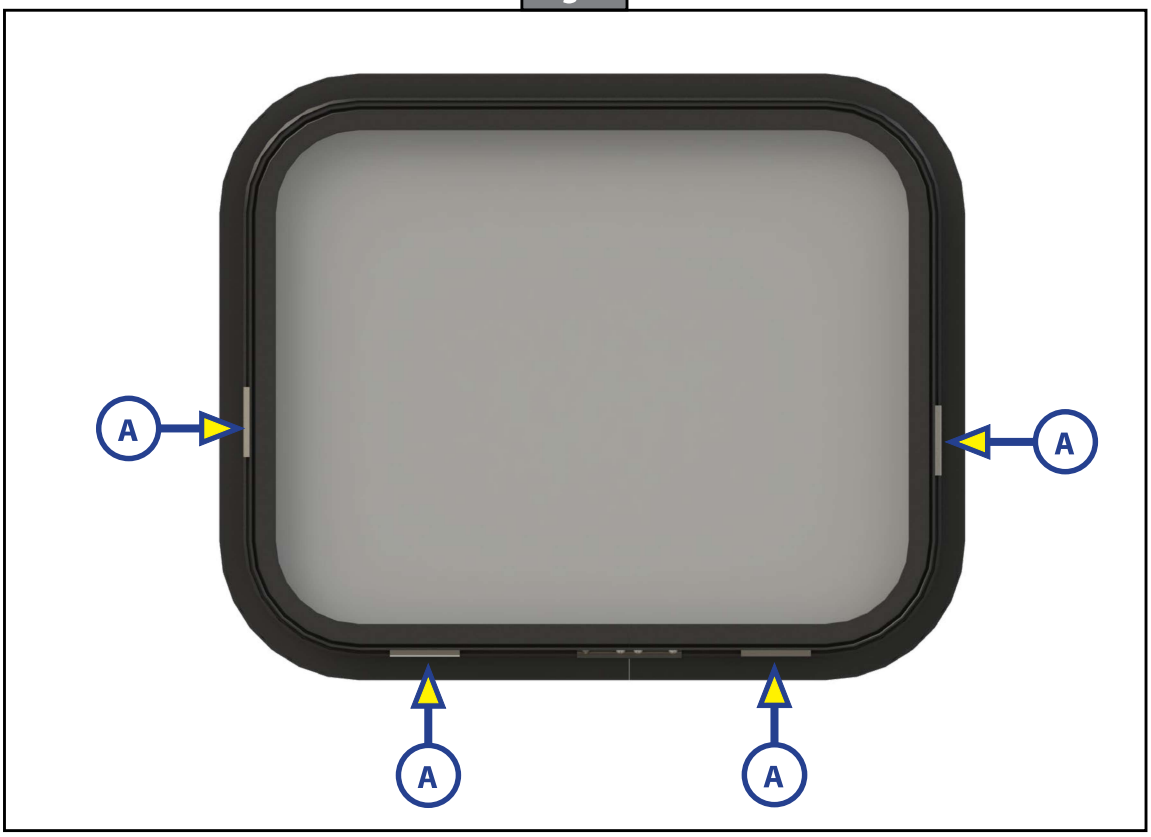
- It is highly recommended that the installation or putty tape is not stretched across the window as it will roll or fold in the radius, which can lead to installation leaks.
- The applied installation or foam tape seam must overlap at the bottom of the window.

Installation

Installation clips (Fig. 2A) must be in place for proper centering within the opening. There must be two clips on the bottom and one clip on each jamb of the window. If the width clearance is tight, only one clip from one jamb may be removed. If a jamb clip is removed, use care to make sure there is proper window-to-wall sealing on the unit.

NOTE: Removal of installation clips is **NOT** recommended.

Fig. 2



The window should be installed into the opening from the exterior of the unit without the use of any tools. If resistance is experienced, the window should NOT be forced into the opening. Remove the window and verify that the opening is the correct size and meets the requirements for installation. See the Preparation section.

NOTE: The window should be in the closed position during installation.

⚠CAUTION

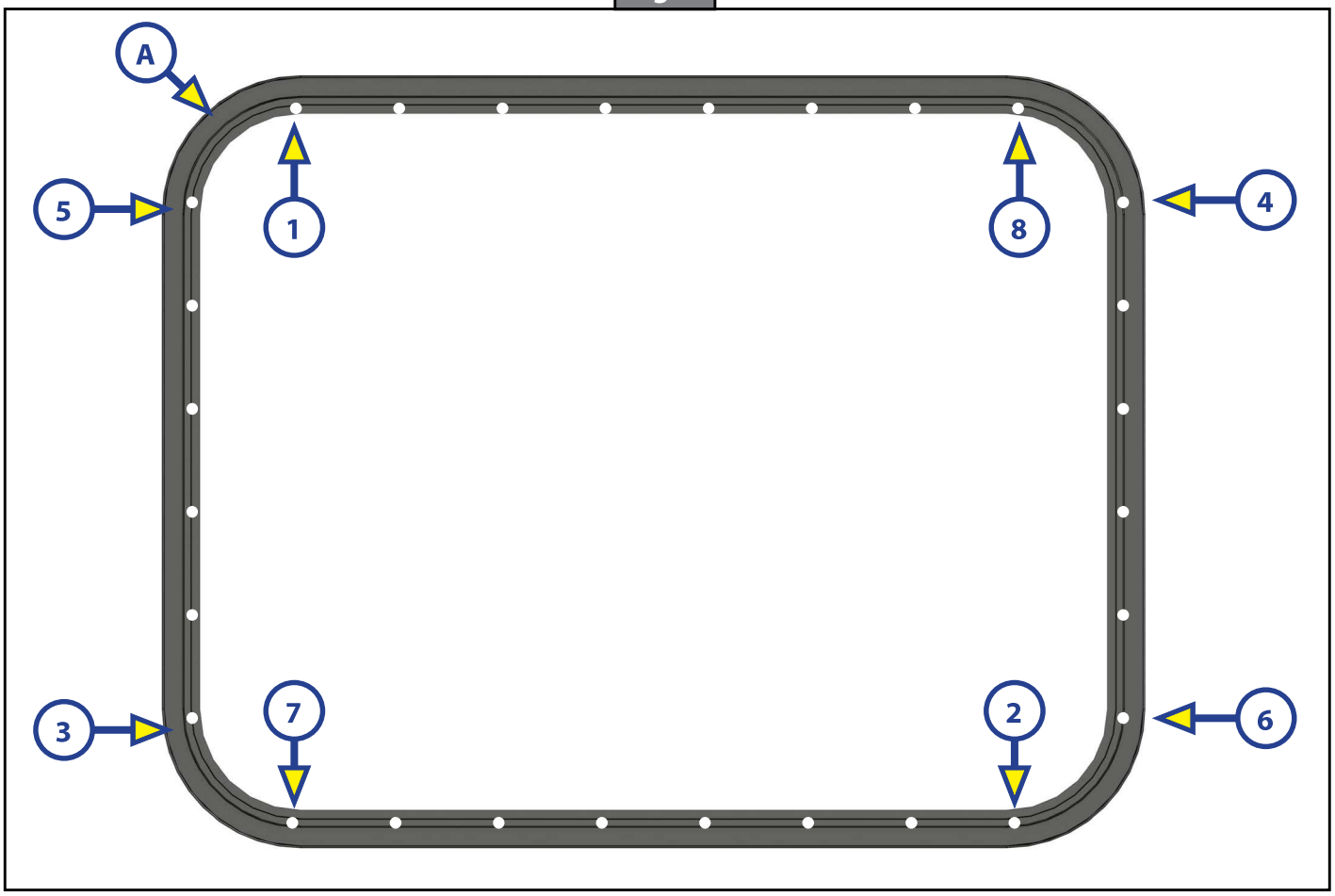
Make sure the fixed pane of a horizonal slider window is installed toward the front of the unit. If the window is not installed correctly, there is the potential for water infiltration past the mullion bar seal, which could cause damage to the unit.

The fixed pane on a horizontal slider window must be installed toward the front of the unit.

Clamp Ring Installation

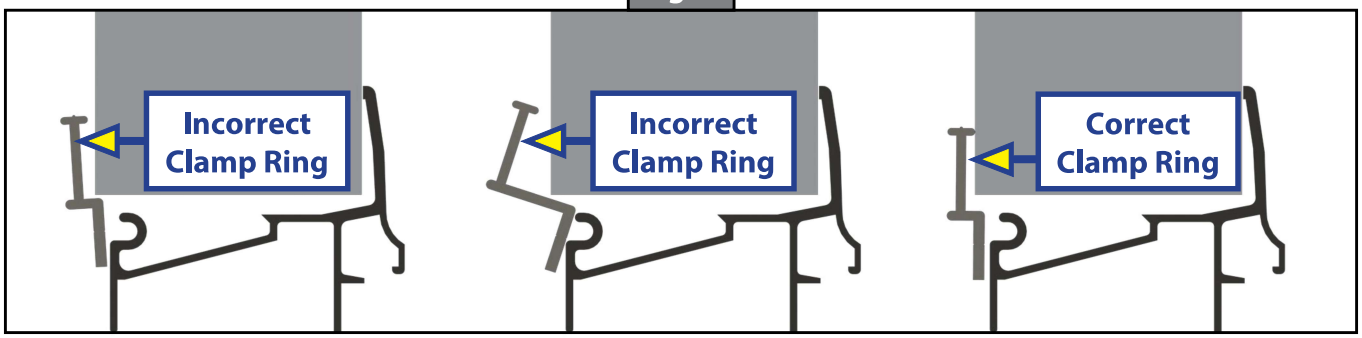
1. Insert the clamp ring (Fig. 3A) into the opening from the interior of the unit. The ring should fit inside the opening around the entire perimeter. If there is interference, remove the ring and check for correct rough opening size.
2. Make sure the part of the groove the screws get inserted into is visible through the clamp ring holes along the perimeter.
3. Install eight #8 screws following figure 3 screw pattern (Fig. 3, numbers 1-8). Partially tighten these screws. Driving the screws all the way can cause a stripped-out or broken screw head.
4. After the eight screws are partially installed, follow the screw pattern (Fig. 3, numbers 1-8) and completely tighten the screws.
5. Install and completely tighten the screws in the remaining clamp ring holes, going all the way around the perimeter of the window.

Fig. 3



6. The clamp ring should fit parallel to the opening after installation is complete. See figure 4 for examples of correct and incorrect clamp ring installation.

Fig. 4



Thin Wall Clamp Ring Installation

1. Flip the clamp ring (Fig. 3A) 180 degrees and insert it into the opening from the interior of the unit so that it "cups" over the window. The clamp ring should fit inside the opening around the entire perimeter. If there is interference, remove the clamp ring and check for correct rough opening size.
2. Do steps 2-5 of the Clamp Ring Installation procedure.
3. The clamp ring must fit parallel to the opening after installation is complete. See figure 5 for examples of correct and incorrect thin wall clamp ring installation.

Fig. 5