



RV Entry Door

Installation and Owner's Manual

(For Aftermarket Applications)

Table of Contents

Introduction	2
Safety	2
Resources Required	2
Removal of Entry Door	3
Installation	3
Exterior Frame Installation	3
Interior Frame and Hinge Installation- Motorized Only	5
Snap Trim and Drip Cap Installation	6
Friction Hinge Installation	7
Strut Door Installation	7



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Installation and Owner's Manual

(For Aftermarket Application)

Introduction

Included in the entry door features are:

- Standard Push Down Screen Knob
- Standard Raised Kick Panel
- Standard Soft Screen Door Corners
- Standard Easy Snap Trim Option
- Lighted Entry Threshold Entry Option
- Friction Hinge Option
- Bauer Keyless Entry Option

Snap trim and drip cap are sold separately.
Required mounting fasteners are not included.

NOTE: This door and its components are Federal Motor Vehicle Safety Standards number 206 (FMVSS206) certified according to original test parameters. Deviation from original test parameters may void certification and warranty.

Safety

WARNING

THE "WARNING" SYMBOL ABOVE IS A SIGN THAT AN INSTALLATION PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE DEATH OR SERIOUS INJURY IF NOT PERFORMED SAFELY AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

WARNING

ALWAYS WEAR EYE PROTECTION WHEN PERFORMING THIS INSTALLATION PROCEDURE. OTHER SAFETY EQUIPMENT TO CONSIDER WOULD BE HEARING PROTECTION, GLOVES, AND POSSIBLY A FULL FACE SHIELD, DEPENDING ON THE NATURE OF THE INSTALLATION PROCEDURE.

CAUTION

MOVING PARTS CAN PINCH, CRUSH OR CUT. KEEP CLEAR AND USE CAUTION.

Resources Required

- 1-2 People, depending on task
- Utility or putty knife or a plastic scraper
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive Bits
- Appropriate Drill Bits
- Caulk Gun
- Gunnable Sealant
- Putty Tape or closed cell PVC foam tape
- #8 Screws (quantity depends on size of the door) - length must be long enough to penetrate sidewall framing.
- #12 Screws - length must be long enough to penetrate sidewall framing. (For motorized unit entry door only.)

NOTE: For wood frame construction, do not use self-tapping screws.

NOTE: Use existing screws if possible or replace with similar type and size screw.

RV Entry Door

Installation and Owner's Manual

(For Aftermarket Application)

Removal of Entry Door

1. Remove screws holding the drip cap onto the door and remove drip cap (**Fig.1**).
2. If installed, remove entry snap trim on both left and right side of door (**Fig.1**).
3. Remove all screws on outer frame.
4. Remove the threshold. (This is the small thin piece of trim on the floor that goes between entry door frame threshold and the unit's floor.)
5. Remove outer frame side anchor screws around latch and friction hinges, if installed.
 - See section for Interior Frame and Hinge Installation - Motorized Only.
 - See section for Friction Hinge Installation.
 - See section for Strut Door Installation.
6. Using a utility or putty knife or a plastic scraper, carefully cut the caulk seal that goes between sidewall and outer frame.

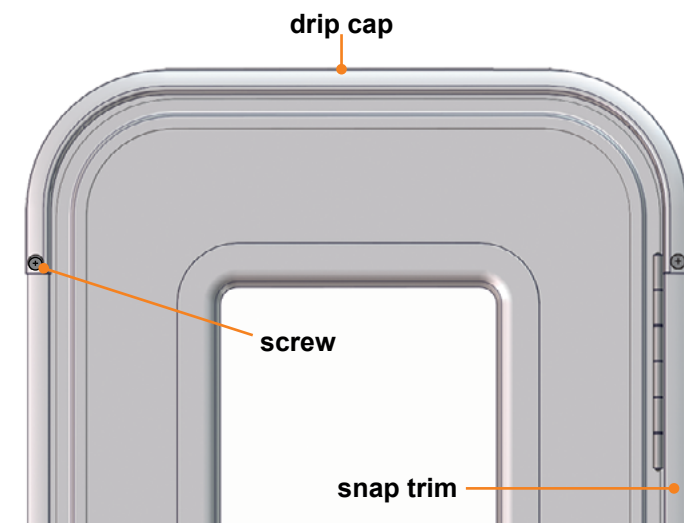


Fig.1

7. From the exterior of the unit, open the door and pull outwards on the outer frame to break the outer frame flange seal that seals between the backside of the outer frame flange and the unit's sidewall.

8. On stick and tin units, pay extra attention and take care when removing door. Do not let the outside metal skin come away from the wood frame.

9. Fully remove door from unit's rough opening.

10. Completely remove and clean off any remaining putty tape or caulk residue from outer frame and side wall.

Installation

Exterior Frame Installation

Steps 1-10 of the installation must be performed with the door assembly in the closed position. Step 11 must be performed with the door assembly in the open position.

NOTE: The door is shipped with a jig holding the doors together to prevent deformity. Leave the jig in place until step 10 of the instructions.

NOTE: Spacer blocks come installed in the door assembly to hold and properly space the door in the frame.

1. Verify size of door opening is correct. Door "call" size is the required rough opening size. The actual door size will be undersized by 1/2" in width and height (i.e. 26" x 72" door requires an opening of 26" x 72" but the actual door size will be 25 1/2" x 71 1/2").

2. Install sealant tape around back side of the screw track frame. LCI recommends using putty tape or closed cell PVC foam tape.

NOTE: Excessive putty tape or foam tape in the plunger opening may restrict full engagement of the latching mechanism.

3. Make sure that the door is sealed along the bottom, either on the lip of the opening or the edge of the floor.

NOTE: The deadbolt should be disengaged at this point.

RV Entry Door

Installation and Owner's Manual (For Aftermarket Application)

4. Set the door in the wall opening so that the bottom edge sets flat on the floor and the hinge side is flush against the opening.

NOTE: If the door is offset to the latch side, the plunger may hit the side wall framing and not engage completely.

5. Install a #8 screw in the hole nearest the bottom hinge (**Fig.2A**). Install another #8 screw in the hole near the bottom of the latch side (**Fig.2B**).

NOTE: After screws at locations A and B are installed, verify the bottom of the door is flush with the bottom of the outer frame to make sure spacer blocks are present. If the door is hanging down, open the door carefully, making sure the door does not tip out, and install a spacer block. Close the door carefully and continue with the installation.

6. Install a #8 screw in the hole near top hinge (**Fig.2C**).

7. Make sure that the door sets evenly in the frame and that the frame on the latch side maintains a $\frac{3}{8}$ " gap. Install a #8 screw into a hole near the top of the door on the latch side (**Fig.2D**).

8. Install the next four #8 screws in alphabetical order (**Fig.2E-2H**).

9. Install #8 screws in remaining pre-drilled holes on the door frame.

NOTE: Each pre-drilled hole in the outer frame should be filled. Do not use additional screws.

NOTE: Screws must be installed straight on the latch side of the door. Screws installed at an angle will cause the door frame to twist and may prevent the door from opening properly. This can also result in latch damage.

NOTE: On stick and tin units, install screws at the ridges of the metal siding first, then valleys.

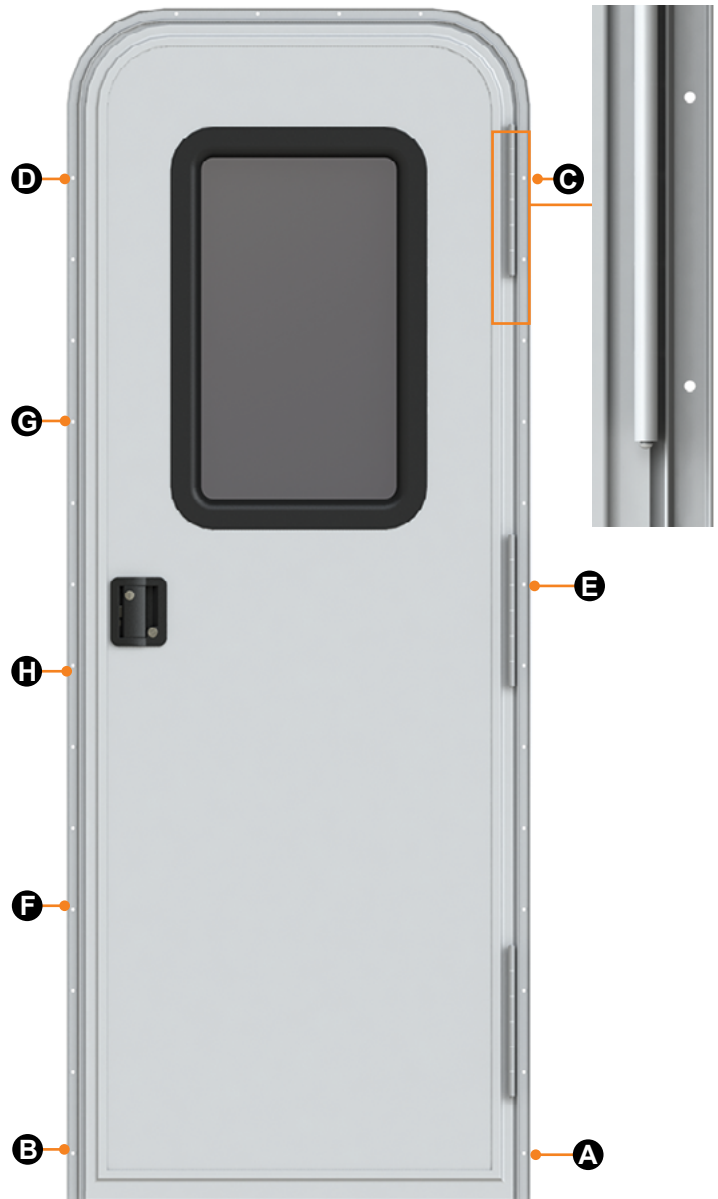


Fig.2

RV Entry Door

Installation and Owner's Manual (For Aftermarket Application)

10. Remove the jig (**Fig.3A**) holding the screen and entry doors together.

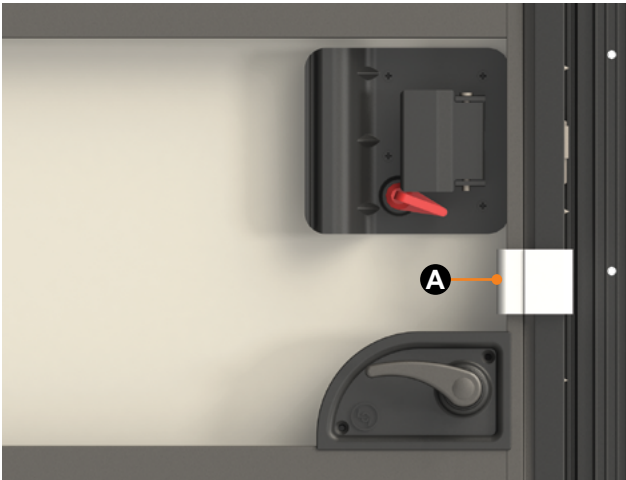


Fig.3

11. Remove the spacer blocks on the entry doors after the door is installed.

NOTE: There is a spacer block (**Fig.4A**) on the very bottom of the door.

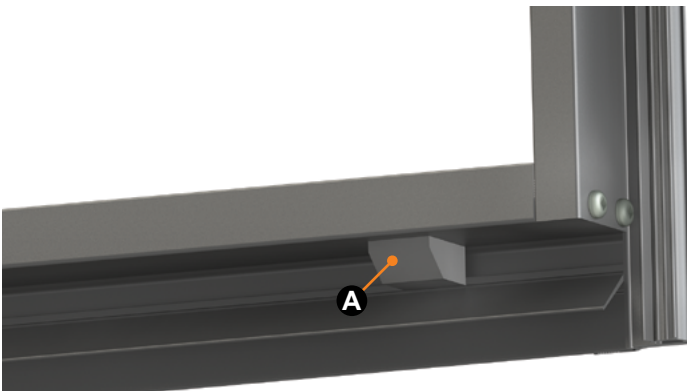


Fig.4

Interior Frame and Hinge Installation- Motorized Only

NOTE: For doors with friction hinges or struts, be sure to read those sections later in this manual.

1. With entry door open, install three #12 screws. (**Fig.5A-5C**).

2. Install one #12 screw in the third leaf of each hinge on door (**Fig. 6A**). There are four hinges per door. Screw length must be long enough to penetrate sidewall framing.

NOTE: (**Fig.5**) is the catch of the door. (**Fig.6**) shows the hinges.

NOTE: After installing the door, minor adjustment of the screen door may be necessary for proper operation.



Fig.5

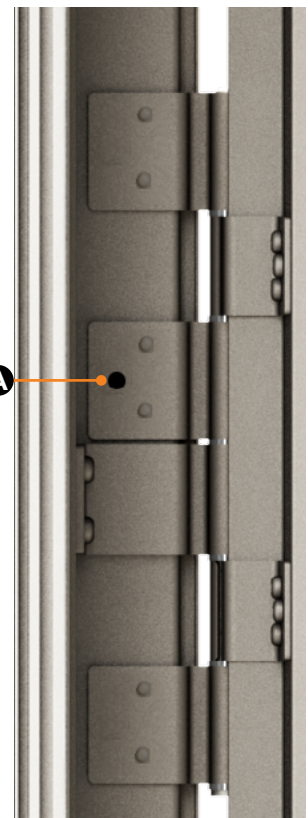


Fig.6

RV Entry Door

Installation and Owner's Manual (For Aftermarket Application)

Snap Trim and Drip Cap Installation

1. If applicable, install snap trim (**Fig.7A**). Snap trim is installed from the outside-in. Match the long leg of the snap trim to the long leg of the door frame.



Fig.7

2. Install drip cap overlapping the snap trim (**Fig.8**).

3. Secure with #8 screws in pre-drilled hole locations. Screw length must be long enough to penetrate sidewall framing.

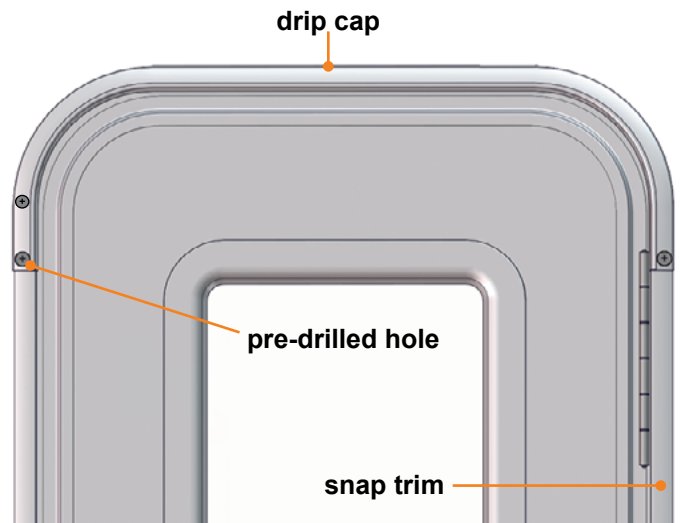


Fig.8

4. Run a bead of gunnable sealant on the bottom of the threshold (**Fig.9**) along the entire width of the door. Do not leave any seal voids at the corners (**Fig.9A, 9B**).

5. Run a bead of gunnable sealant around the remaining edges of the door frame to completely weatherize the door.



Fig.9

RV Entry Door

Installation and Owner's Manual

(For Aftermarket Application)

Friction Hinge Installation

Install the friction hinge door as follows:

1. Using the third leaf's pre-drilled hole as a guide (**Fig.10**), use an appropriate-sized drill bit to drill a pilot hole through the door frame.

2. Secure the hinge leaf and door frame to the unit's wall with a #8 screw.

NOTE: Screw length must be long enough to penetrate the unit's wall framing.

NOTE: There will also be pre-drilled holes on the first and sixth leaf of the hinge for optional fastener installation.

3. Optionally, repeat steps 1-2 for the first and sixth hinge leaves on each hinge.

4. Repeat steps 1-3 on any remaining friction hinges.

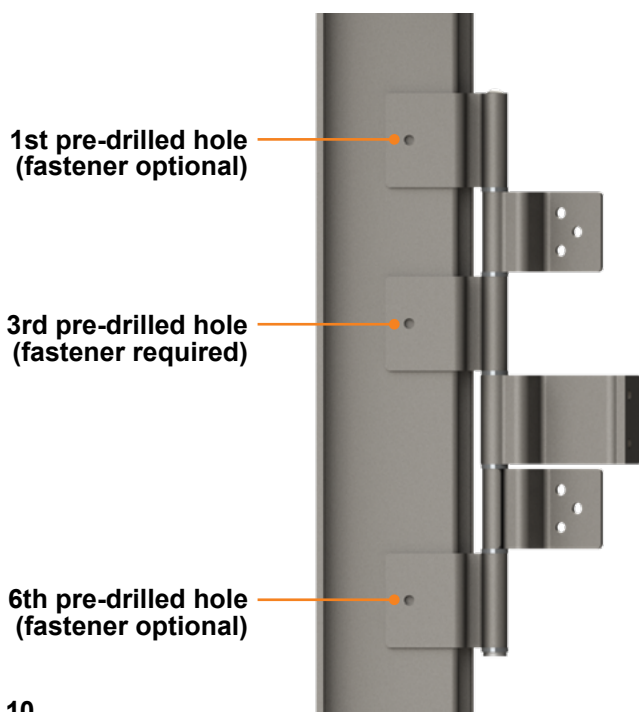


Fig.10

Strut Door Installation

1. Using the mounting bracket's pre-drilled holes as guides, use an appropriate-sized drill bit to drill a pilot hole.

2. Secure the strut's bracket (**Fig.11**) to the unit's framing with two #8 screws through the two pre-drilled holes.

NOTE: Screw length must be long enough to penetrate the unit's framing.

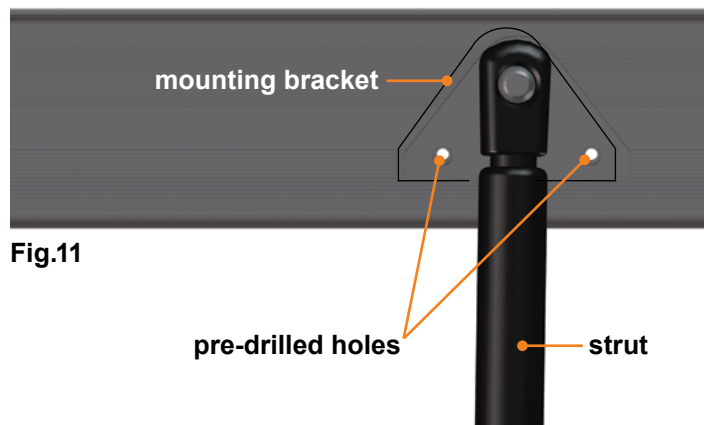


Fig.11



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