



METALLARTE®
RV ENTRY DOOR
OEM INSTALLATION MANUAL

LIPPERT
COMPONENTS®

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Introduction

This RV entry door is manufactured by Metallarte, a Lippert company.

Safety

Read and understand all instructions before installing and/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.

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.

CAUTION

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

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
- Putty/butyl tape or 100 percent silicone caulk

Installation

NOTE: The door is assembled and has spacer blocks installed to properly space the door in the frame. There are five spacer blocks on the latch-side, two on the bottom and two on the top. Do not remove spacers until directed in these instructions.

1. Verify size of door opening is correct. The actual door size will be undersized by 2 mm in width and height.
2. Install sealant around back side of the screw track frame. LCI recommends using putty/butyl tape or 100 percent silicone.
3. Set door inside opening so the bottom edge is flat on the floor and the latch-side is flush against the opening.
4. Slide hinge-side into opening while holding down gas strut bracket to clear opening at top, if needed.
5. Begin installing provided fastening straps and screws in the numerical sequence shown in figure 1.

NOTE: The goal is to get the strap fastened to the wall prior to fastening the strap to the door. On longer straps the sequence may vary to allow intermittent door fasteners to be installed.

- A. Install first strap (Fig. 1) at the top of the door (Fig. 1, 1-10).

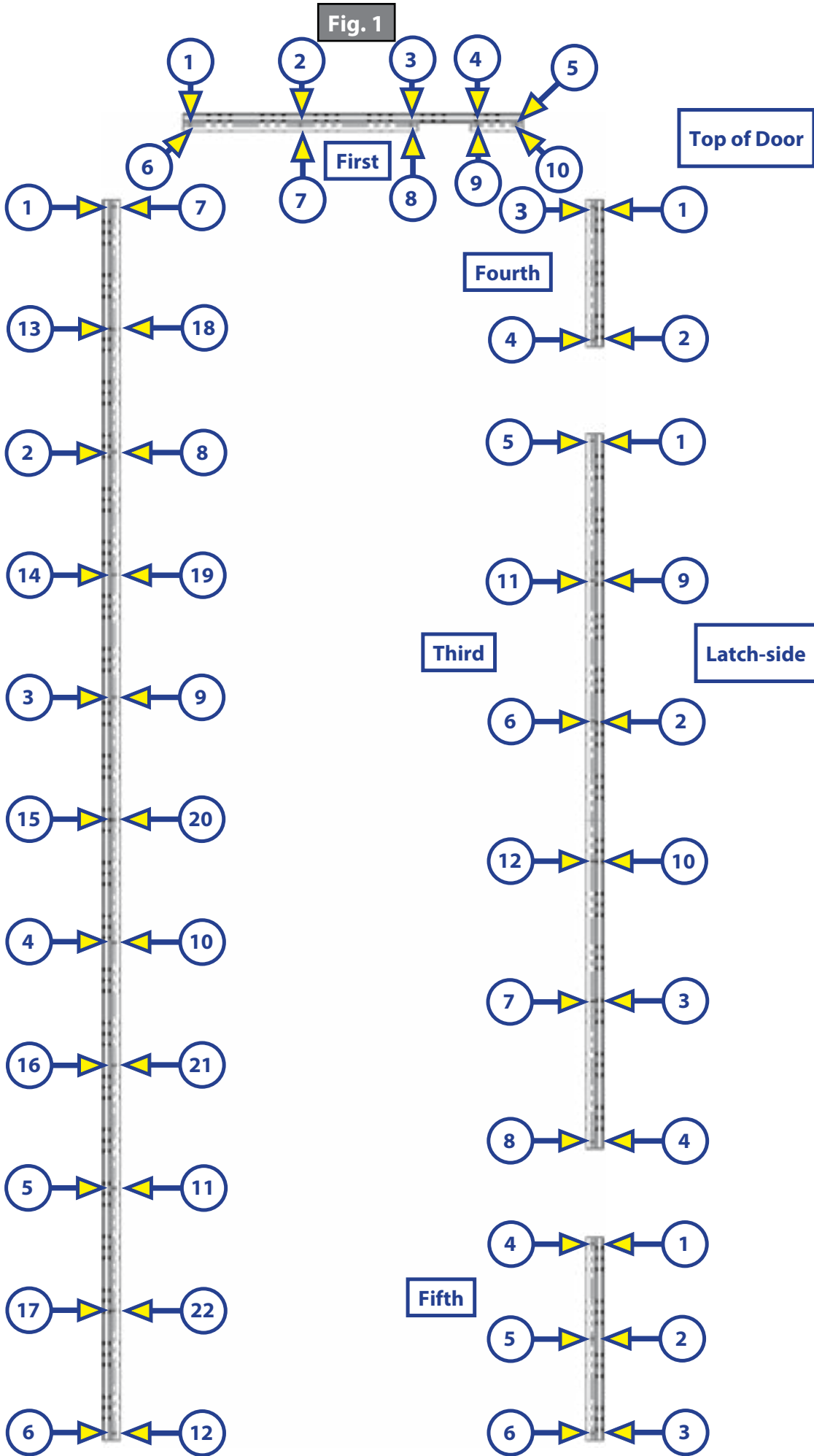
NOTE: Top (first) strap may need to be cut to fit around the gas strut bracket.

- B. Install longest (second) strap (Fig. 1) on the hinge-side of the door (Fig. 1, 1-22).
- C. Install second-longest (third) strap (Fig. 1) on the latch-side of the door (Fig. 1, 1-12).
- D. Install shortest (fourth) strap (Fig. 1) at the top of the latch-side of the door (Fig. 1, 1-4).
- E. Install second-shortest (fifth) strap (Fig. 1) at the bottom of the latch-side of the door (Fig. 1, 1-6).

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

NOTE: Screws must be installed straight. 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.

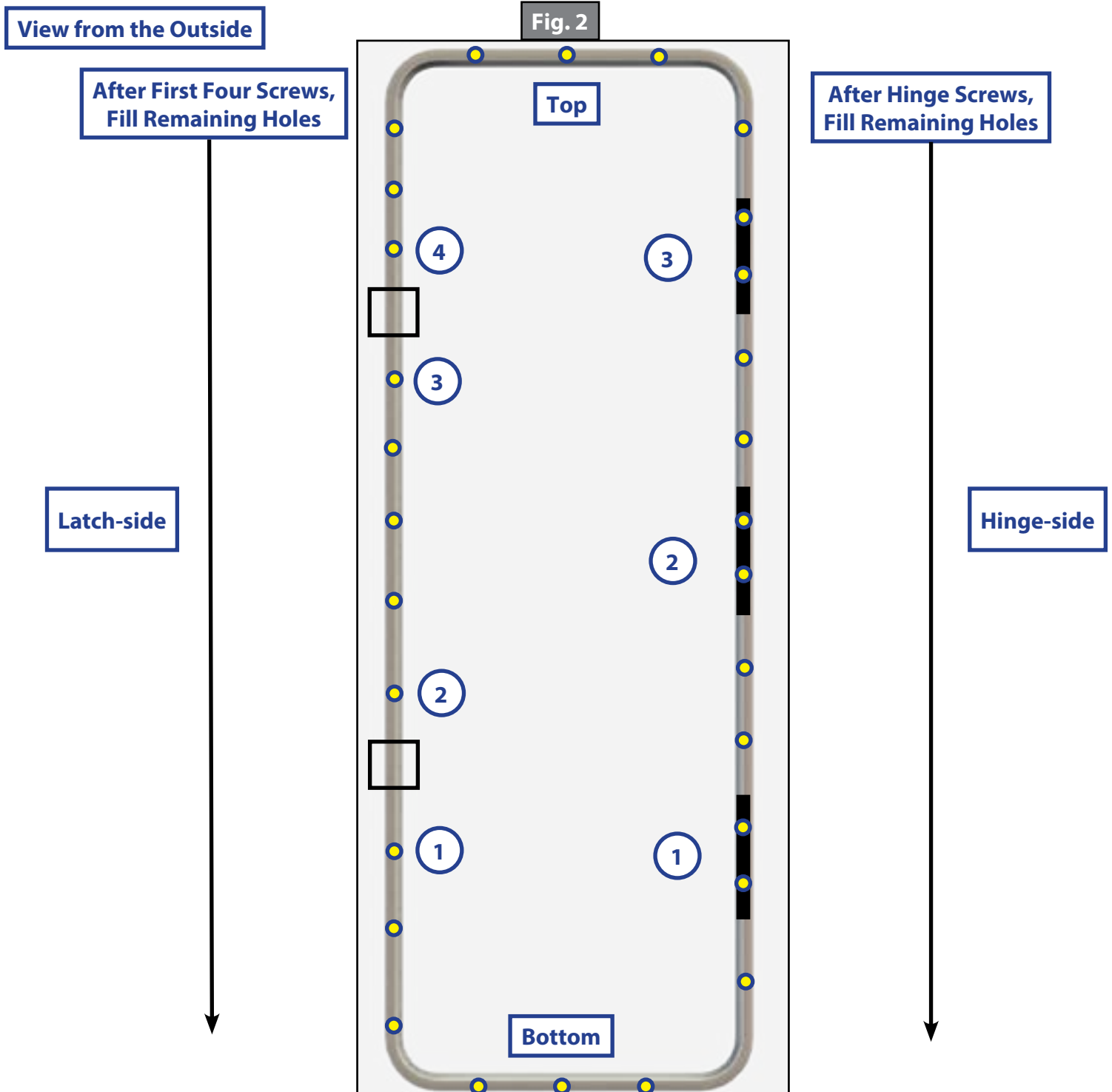
View from the Inside



6. Open door and remove the spacer blocks.
7. Install inner door frame screws according to the following numerical sequence shown in figure 2.

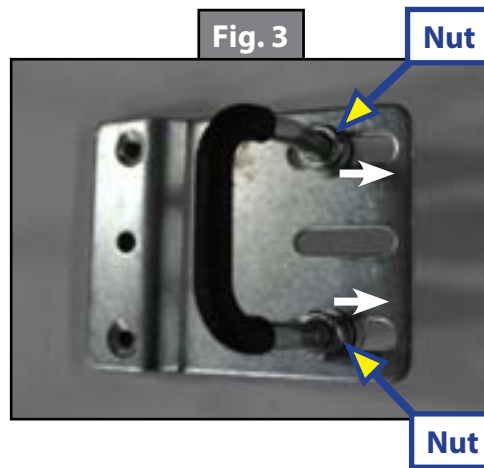
NOTE: Number of screw holes may vary.

- A. Start on the latch-side and install two screws, one on each side of the bottom latch (Fig. 2, 1-2).
- B. Then install two more screws, one on each side of the top latch (Fig. 2, 3-4).
- C. Fill in the remaining latch-side holes beginning at the top and working downward.
- D. Move to the hinge-side and install screws at the bottom hinge (Fig. 2, 1).
- E. Install screws at the middle hinge (Fig. 2, 2).
- F. Install screws at the top hinge (Fig. 2, 3).
- G. Fill in all the remaining hinge-side holes beginning at the top and working downward.
- H. Move to the bottom and fill in the bottom holes.
- I. Move to the top and fill in the top holes.



8. Unscrew the top nuts on the latches (Fig. 3) and push the latches away from the door.

NOTE: Please note initial position of latch in order to return to this position.



9. Install seal in door.

- A. Begin at the center of the bottom of the door (Fig. 4) and work in either direction, sliding the seal channel onto the remainder of the door frame (Fig. 5).
- B. Using a rubber or plastic mallet, continuously tap seal gently but securely into the frame.
- C. Cut the seal around the two latch brackets and the gas strut bracket at the top of the door (Fig. 6).
- D. Cut seal to length when meeting the beginning point (Fig. 7).
- E. Mate the ends of the seal and press into the frame (Fig. 8).

NOTE: When extending the seal around the corners, release pressure on the seal channel by bending the seal slightly downward and pushing it up to the wall.

Fig. 4



Fig. 5



Fig. 6



Fig. 7

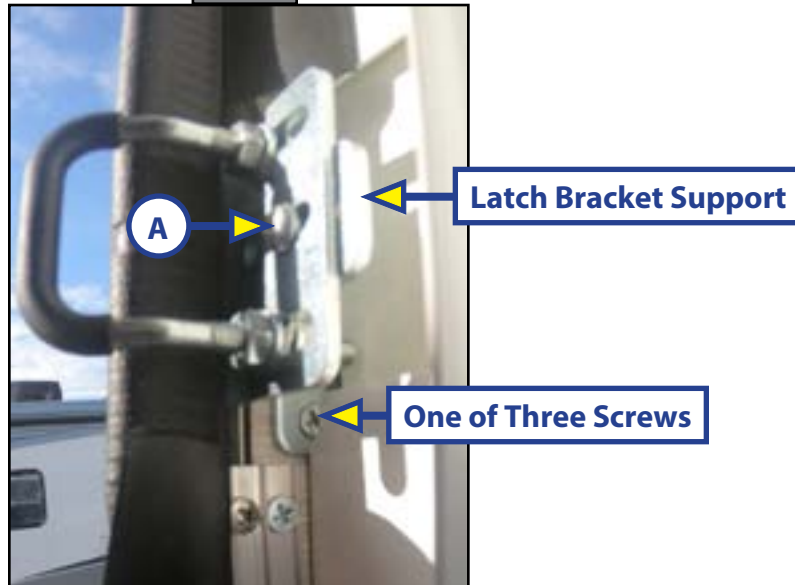


Fig. 8



10. Slide latches into their original position (step 8) and close the door.
 11. Complete an initial adjustment of door latches. If available, use a jig.
 - A. Loosen nylon locking nut.
 - B. Adjust hex nut as needed, providing an adjustment either in or out or left-to-right.
- NOTE:** Make sure to adjust for the secondary catch of the latch. When adjustment is complete, the black rubber on the latch bracket will be 2 mm from the door frame.
12. Attach the two latch bracket supports (Fig. 9).
 - A. Fasten latch bracket to the latch bracket support with the provided screw, but do not tighten (Fig. 10A).
 - B. Push latch bracket support to the wall and install the three provided screws.
 - C. Tighten screw connecting latch bracket support to latch bracket.

Fig. 9



13. Install latch lock.
 - A. Pull out white and yellow wires.
 - B. With flap facing in toward unit, connect the white wire to the top screw and connect the yellow wire to the bottom screw.
 - C. Secure to door with two provided screws.
14. Install door lock.
 - A. Remove yellow lock plug (Fig. 10) and insert key in lock.
 - B. Insert the lock in the lock opening (Fig. 11) and turn key to the right.
 - C. Push in on the lock until the lock stops.
 - D. While pushing in on the lock, turn key back to the left.
 - E. Remove the key.

Fig. 10

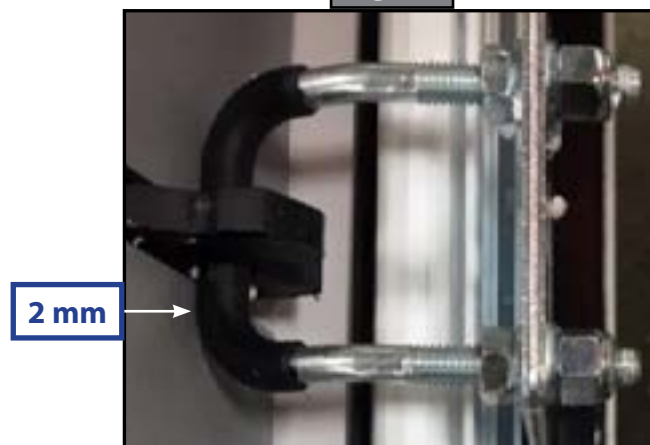


Fig. 11



15. Complete final adjustment of latch.
 - A. Open and close door several times.
 - B. To open the door, grasp the latch and press a thumb on the upper left corner of the plastic handle casing (Fig. 10A). Pull slightly.
 - C. To close the door, push gently because it is a soft-close door. Do not slam the door shut.
 - D. Adjust latches by loosening and removing nuts as needed. The final alignment will place the rubber on the latch bracket about 2 mm from the door frame (Fig. 12).
16. Add sticker to the door detailing opening and closing procedure.

Fig. 12



Notes

This image shows a single page 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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