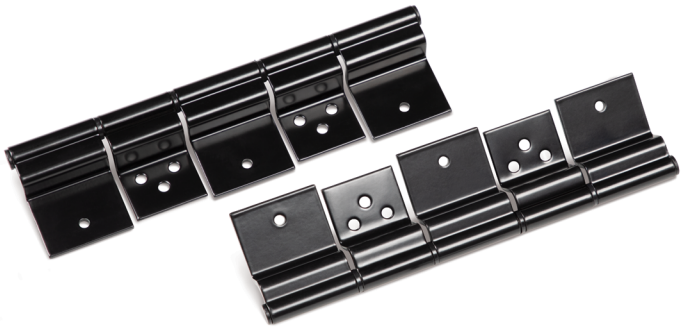


RV Entry Door Friction Hinge Kit

Installation and Owner's Manual

(For Aftermarket Applications)

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Friction Hinge Aftermarket Kits	
Part #	**Description**
2020109835	Friction Hinge; 5-leaf white
2020102629	Friction Hinge; 5-leaf black

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Introduction

The 5-Leaf Friction Hinge Assembly by Lippert Components® can be installed on any Lippert entry door series, and Challenger Brand entry door series 450, 805, 950, 975, and 3000. The hinge allows the door to remain in any position, eliminating instances of the door swinging freely open or slamming closed.

Additional information about this product can be obtained from lci1.com/support or by using the LippertNOW app. Replacement kits can be ordered from https://store.lci1.com/ or by using the LippertNOW app.

The LippertNOW app is available for free on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

App Store® and iPad® are registered trademarks of Apple Inc.

Google Play™ and Android™ are trademarks of Google Inc.

Safety

Read and fully understand all instructions before installing or operating this product.

⚠ 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

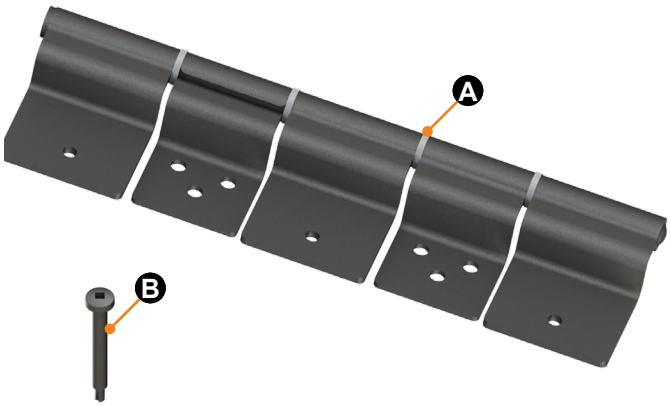
⚠ CAUTION

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

⚠ CAUTION

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

Parts List



NOTE: Part numbers are shown for identification purposes only. Not all parts are available for individual sale. All parts with a link to the Lippert Store can be purchased.

Letter	Part#	Description	Qty
A	664342	Friction hinge; 5-leaf white	2
	664343	Friction hinge; 5-leaf black	
B	807893	10 – 16 x 1 ¾" square drive self-drilling panhead white	30
	807894	10 – 16 x 1 ¾" square drive self-drilling panhead black	

NOTE: All screws going to the outer frame and core of the door should be a minimum of 1 ½ inches long.

Resources Required

- 1-2 people, depending on task
- Cordless or electric drill or screw gun
- Appropriate drive bits
- 11⁄64" drill bit (if choosing to pre-drill holes in hinge prior to installation)
- Non-permanent method of marking.

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Installation

NOTE: Door bulb seal not shown on images for clarity.

1. Find the center between the existing top hinge and the middle hinge and middle hinge and bottom hinge on the outer frame **(Fig.1A)** and mark this spot.

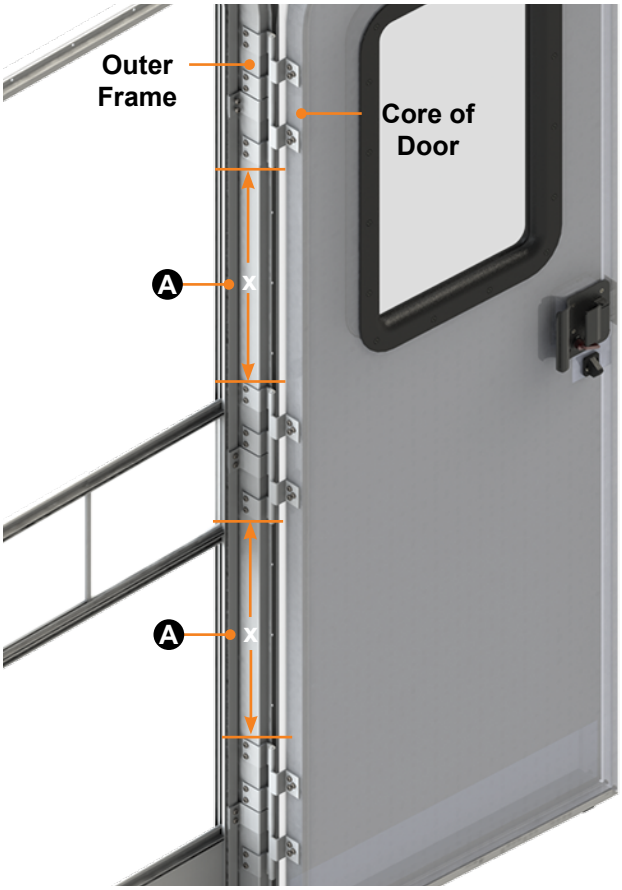


Fig.1

2. Spread open the hinge leafs (1, 3, 5) that attach to the outer frame **(Fig. 2A)** from leafs (2, 4) that attach to the core of the door **(Fig.2C)** far enough for installation on the door.

3. Use the template and instructions on **Page 7** to mark or pre-drill the locations for the additional fastener holes required for leafs 1, 3 and 5.

4. Find the center on the hinge **(Fig. 2)** and place it on the center mark made on the outer frame **(Fig. 1)** between the top and middle hinges, making sure to use the proper leafs for the outer frame **(Fig. 3A)**.

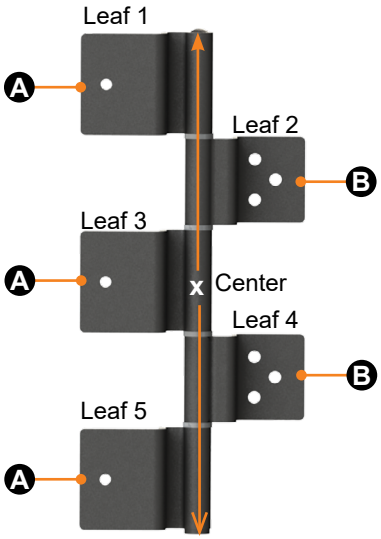


Fig.2

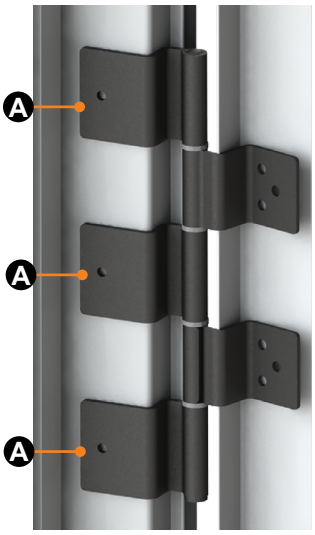


Fig.3

5. Screw the hinge to the outer frame through the existing hole on leafs 1, 3 and 5 **(Fig.4A)** using the 1 ¾" fasteners.

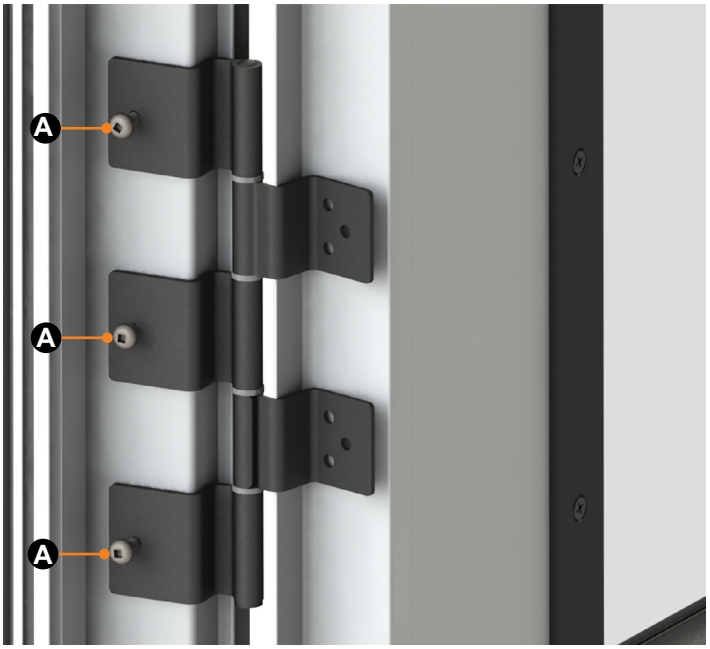


Fig.4

6. Screw the additional required fasteners in leafs 1, 3 and 5 **(Fig.5A)** to the outer frame using the pre-drilled holes or marked locations from the template.

NOTE: If using the self-drilling screws to create the holes, put the drill in reverse after drilling through the leaf to clean the screw bit before fastening to the door's outer frame.

7. Repeat steps 2 to 6 for the second friction hinge, which is installed between the middle and bottom existing hinges.

NOTE: When screwing leafs 2 and 4 **(Fig.5B)** to the core of the door, make sure the leafs are tight to the door, which requires compressing the bulb seal. Bulb seal location marked with orange lines **(Fig. 5)**.

8. Screw leafs 2 and 4 **(Fig.5B)** to the core of the door on both hinges.

9. Once all leafs are installed, test the function of the door.

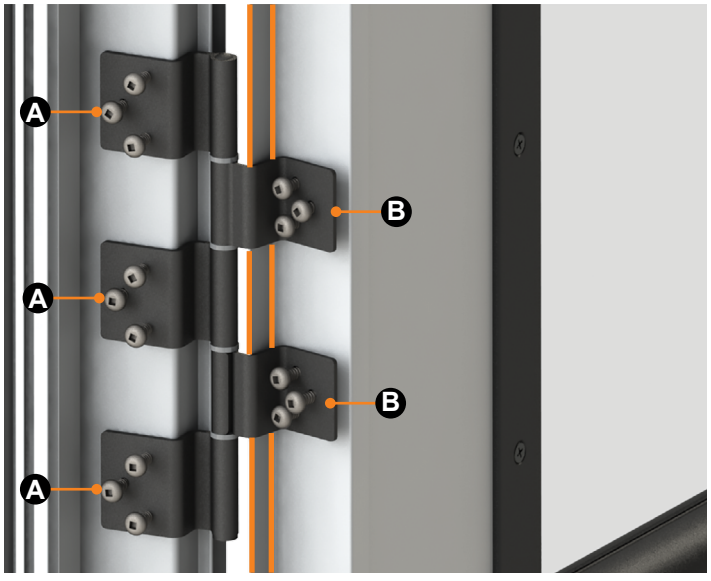


Fig.5

Notes

Notes

Notes

Manual information may be distributed as a complete document only, unless Lippert provides explicit consent to distribute individual parts.

All manual information is subject to change without notice. Revised editions will be available for free download at lippert.com. Manual information is considered factual until made obsolete by a revised version.

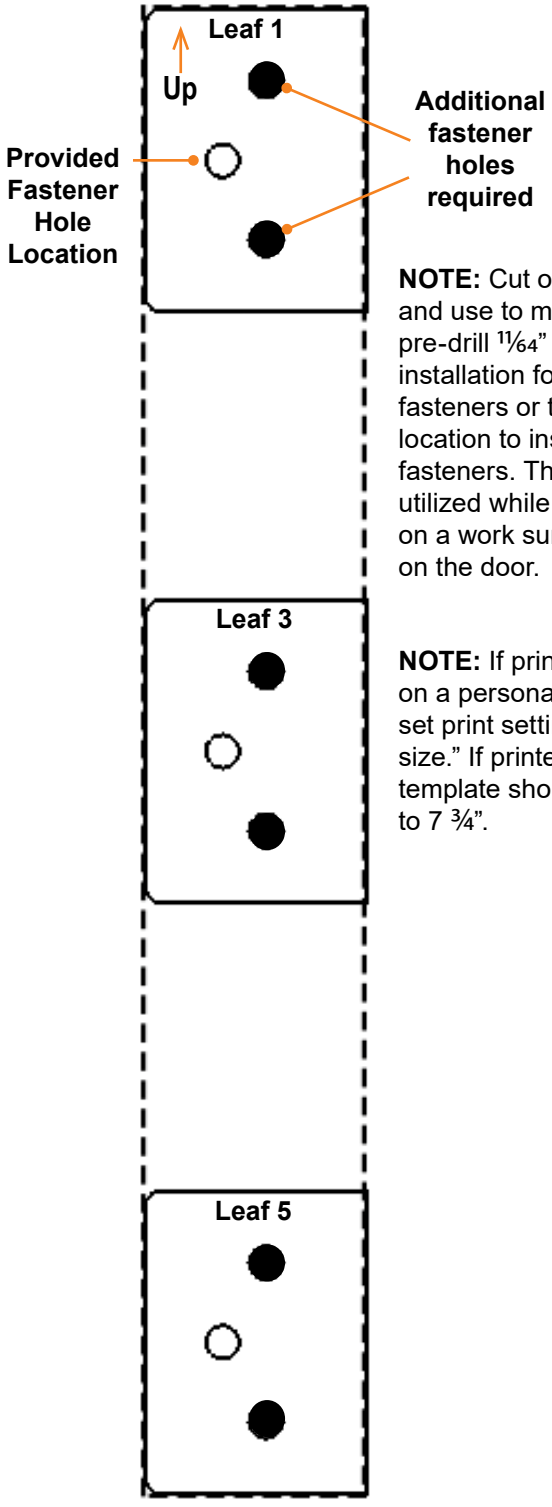
Please recycle all obsolete materials and contact Lippert with concerns or questions.

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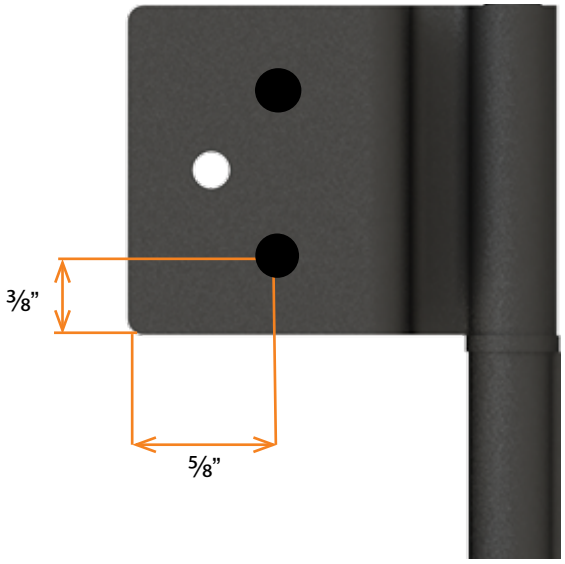
Template



NOTE: Cut out the template and use to mark locations to pre-drill 11⁄64" holes prior to installation for the additional fasteners or to mark the location to insert self-drilling fasteners. The template can be utilized while hinge is laying flat on a work surface or in place on the door.

NOTE: If printing this template on a personal printer, please set print settings to "actual size." If printed correctly, the template should measure close to 7 ¾".

Typical Additional Fastener Locations



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