



Lippert LatchXtend™ Keyless RV Door Lock with Bluetooth® Installation and Owner's Manual (For Aftermarket Applications)

Purchase Verification

The Lippert LatchXtend™ Keyless RV Door Lock with Bluetooth® is an accessory for RV Entry Doors with existing door handle on the left hand side looking from the outside. The Keyless LatchXtend RV Door Handle cannot be installed on doors with a handle/locking mechanism on the right hand side.

NOTE: Do **NOT** install the Keyless LatchXtend RV Door Handle on a glass door unless the door has been prepped for LatchXtend by the manufacturer.

Introduction

The Lippert LatchXtend™ Keyless RV Door Lock with Bluetooth®, known forward as “the LatchXtend,” extends the target for operating the paddle latch by 14”. It creates considerable leverage for actuating the paddle latch and makes opening the door easier without an entry step in place.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Additional information

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.

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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®, iPad®, and Apple CarPlay® are registered trademarks of Apple Inc.
- Google Play™, Android™, and Android Auto™ are registered trademarks of Google Inc.

Safety

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

Adhere to all safety labels.

⚠ WARNING

THE LIPPERT KEYLESS LATCHXTEND RV DOOR LOCK MAKES IT EASIER TO OPEN THE DOOR. BE SURE THE DEADBOLT ENGAGED DURING TRAVEL SO UNINTENTIONAL CONTACT BETWEEN THE LATCH AND AN OBSTRUCTION WILL NOT OPEN THE DOOR. MAY CAUSE UNIT OR PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

⚠ CAUTION

THE LIPPERT KEYLESS LATCHXTEND RV DOOR LOCK IS NOT INTENDED FOR GLASS DOORS, UNLESS THE DOOR HAS BEEN SPECIFICALLY PREPPED FOR LATCHXTEND BY THE MANUFACTURER. ATTEMPTING TO INSTALL LATCHXTEND INTO A NON-PREPPED GLASS DOOR WILL CAUSE IRREPARABLE DAMAGE TO THE DOOR AND POSSIBLE PERSONAL INJURY. GLASS DOORS PREPPED FOR LATCHXTEND WILL HAVE PRE-DRILLED HOLES UNDER A REMOVEABLE COVER PLATE.

⚠ CAUTION

FLYING DUST, DIRT AND DEBRIS CAN CAUSE SEVERE IRRITATION AND DAMAGE TO SOFT TISSUE. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE), SUCH AS SAFETY GLASSES PRIOR TO PERFORMING ANY WORK.

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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.

Keyless LatchXtend RV Door Handle Kit (PN: 2024119604)

Letter	Description	Qty
A	LatchXtend	1
B	Cardboard Template	1
C	Plastic Installation Guide Tray	1
D	Strike Plate	1
E	Latch Plate	1
F	Latch Plate Fasteners (8-32 x 3/8" flat Phillips head machine screws with zinc finish)	2
G	Anchor and Back Plate Fasteners (8-32 x 7/8" oval Phillips head machine screws with zinc finish)	6
H	Keys	2

NOTE: Anchor and Back Plate Screws are pre-installed with the assembly and must be removed and reinstalled to complete installation into door.

NOTE: LatchXtend comes with a CR123 3V battery installed. Should the battery die, replace with any CR123 3v battery.

⚠ WARNING

DO NOT CHARGE, SHORT, DISASSEMBLE, DEFORM OR HEAT BATTERIES. DO NOT THROW BATTERIES IN FIRE. DO NOT SHORT THE + AND – TERMINALS TOGETHER. INSTALL BATTERIES CORRECTLY. DO NOT REVERSE CONNECTION. INSULATE THE + AND – TERMINALS WITH NON-CONDUCTIVE TAPE BEFORE DISPOSING. THE BATTERY IS A CHOKING HAZARD – KEEP OUT OF REACH OF SMALL CHILDREN.



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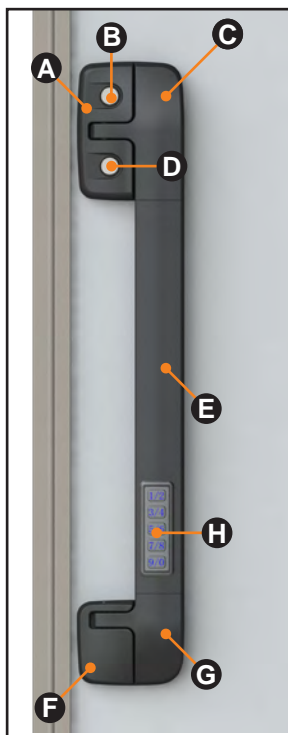
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Resources Required

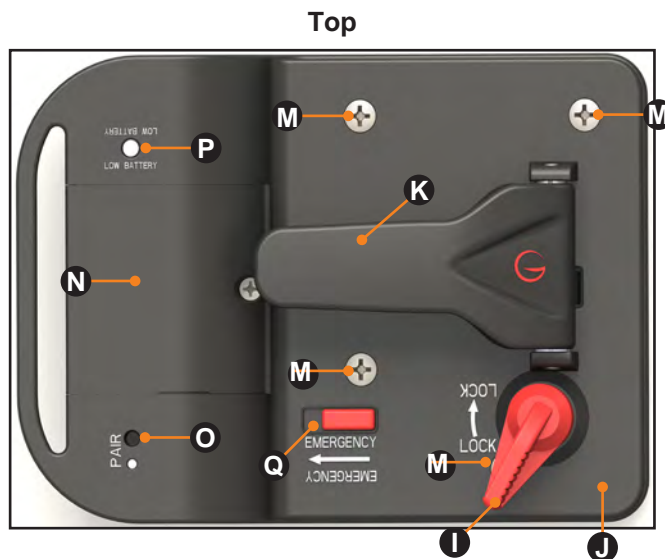
- 1-2 People, depending on task
- Appropriate Drive Bits
- Utility or putty knife or a plastic scraper
- Appropriate Drill Bits
- Cordless or Electric Drill or Screw Gun
- Non-permanent marking device
- Surface-safe tape

Preparation

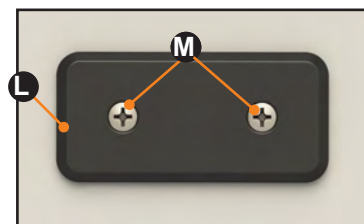
Parts



Front, Facing Outside	
Callout	Description
A	Front Face Plate
B	Paddle Latch Keyhole
C	Paddle Latch (front)
D	Locking Mechanism Keyhole
E	Extension Bar
F	Anchor Plate
G	Pivot
H	Keypad



Bottom



Back, On the Inside	
Callout	Description
I	D-Stem/Deadbolt Knob
J	Back Face Plate
K	Paddle Latch Handle (back)
L	Anchor Plate (back)
M	Fasteners
N	Pull Handle Assembly
O	Pairing Indicator
P	Low Battery Indicator
Q	Emergency Deadbolt Release

NOTE: Fasteners (Callout M), attaching the back of the LatchXtend to the front, will need to be removed and retained for installation.



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Remove Existing Lock Assembly

NOTE: Depending on task, secure door as needed for installation convenience and safety.

1. Secure the door to keep it from moving while installing.
2. Remove old lock from door.

NOTE: It may be necessary to consult existing door lock production information for removal instructions.

3. Remove the existing Latch Plate from the door.

NOTE: The LatchXtend comes with an optional Strike Plate.

- If installing the LatchXtend into a door with existing Strike Plate, it is not recommended to use the new Strike Plate and remove the existing one unless so desired.

4. Clean out the bore of all dirt, loose material, burrs, etc.

Optional Install for Glass Door Prepped

If the door is glass and prepped by the manufacturer to accept the LatchXtend, remove the cover plates and proceed to the Pre-Installation Setup section. LatchXtend may **NOT** be installed on glass doors that have not been prepped.

New Bores (Two Holes)

The bottom of the LatchXtend requires additional bores to accommodate the Anchor Plate assembly with Pivot. The recommended procedure is to use the paper template to measure down and appropriately space new bores.

1. Find cardboard template (Fig. 1A) and plastic installation guide tray (Fig. 1B) provided and cut out as directed.

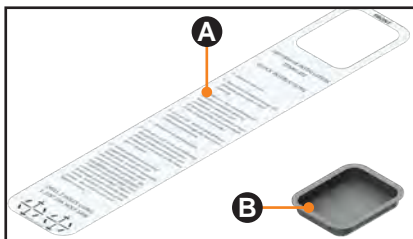


Fig.1

NOTE: Template above is not to scale; it is resized for visual reference.

2. Align the opening of the top bore (Fig. 2A) with the top of the cardboard template (Fig. 2B).

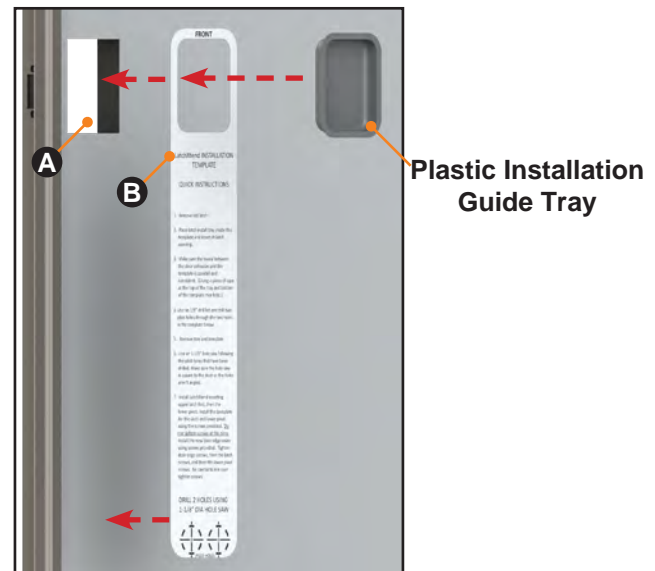


Fig.2

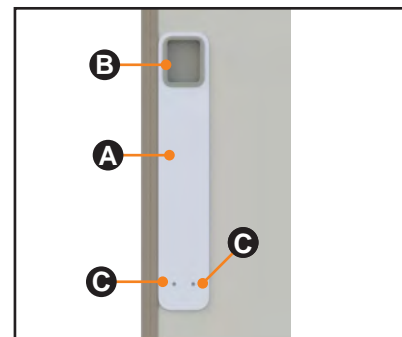


Fig.3

1. Secure the cardboard template (Fig. 3A) into place by inserting plastic installation guide tray (Fig. 3B) into the cardboard template and bore.
2. Press the template flat down on the face of the door ensuring the template lays completely flat.
3. Use a non-permanent marking device to mark the center points of the two new bores (Fig. 3C).



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4. Remove and retain plastic installation guide tray and template until installation is complete.

5. Drill out two 1 1/8" bores using the template (Fig. 4A).

NOTE: Figure 4B is showing the center point of the bores.

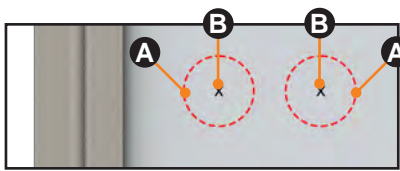


Fig. 4

6. Clean out bores (Fig. 5A) and rough fit Paddle Latch bottom plate (inside and out) to ensure it will fit.

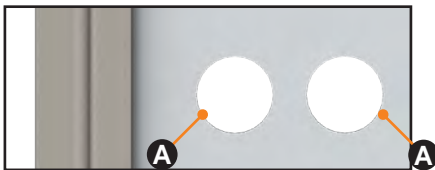


Fig. 5

NOTE: Figure 6 shows the original bore (Fig. 6A) and the new bores (Fig. 6B) for visual clarity.

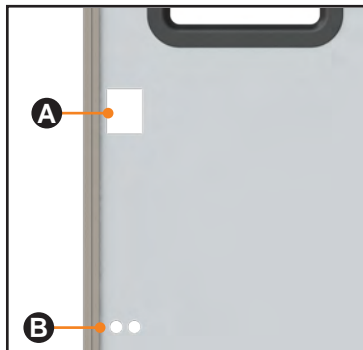


Fig. 6

Pre-Installation Setup

1. Lay out the LatchXtend assembly on a work cloth to prevent cosmetic damage during procedure.

2. Remove six fastener screws from the back of the locking mechanism and anchor plate and retain for the installation.

Installation

Install Front of the Assembly into Entry Door

NOTE: The Front of the Locking Mechanism and the front of the Anchor Plate with Pivot are one assembly connected by the Extension Bar. This will need to be on the outside of the RV Unit Door to be used as intended.

1. Install the front of the LatchXtend (Fig. 7A) assembly into the top original bore (Fig. 7B) and the new bottom bores (Fig. 7C).

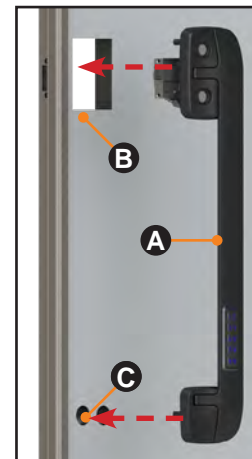


Fig. 7

2. Replace the Latch Plate (Fig. 8A) and fastener screws (Fig. 8B) back to their original place. Hand tighten fastener screws to secure Latch Plate and draw the front of the LatchXtend assembly into place.

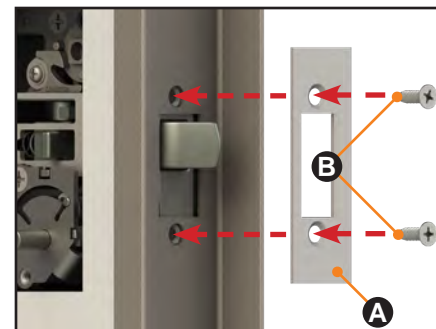


Fig. 8



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3. Allow the locking mechanism (Fig. 9A) and deadbolt (Fig. 9B) to swing through the Latch Plate to provide extra support, and also ensure the LatchXtend will operate successfully.

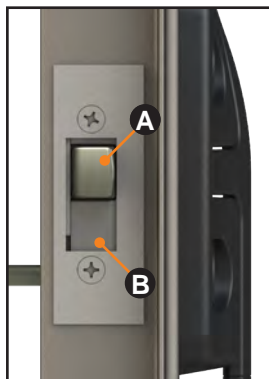


Fig.9

Install the Back Side of Assembly

1. Install the back plate of the Anchor Plate (Fig. 10A) assembly into the new bores (Fig. 10B) from the inside of unit into the door.

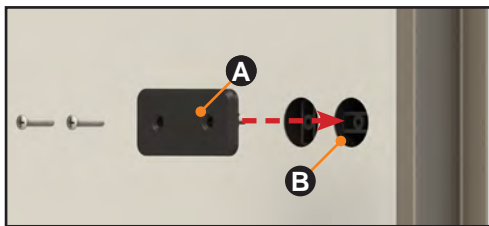


Fig.10

2. Hand tighten supplied fastener screws (Fig. 11A) to bring the front and the back assembly of LatchXtend Anchor Plate together.

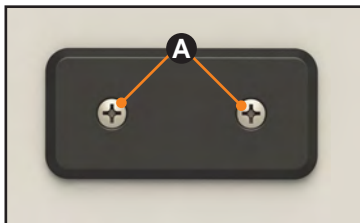


Fig.11

3. Install the back of the locking mechanism (Fig. 12A) from the inside of unit into the original bore (Fig. 12B).

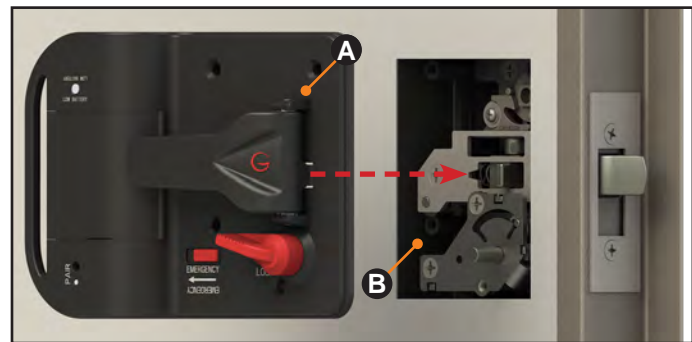


Fig.12

NOTE: Locking mechanism not shown for visual clarity.

4. Slide the deadbolt knob (Fig. 13A) over D-Stem (Fig. 13B) within the Locking Mechanism when bringing the front and back together.

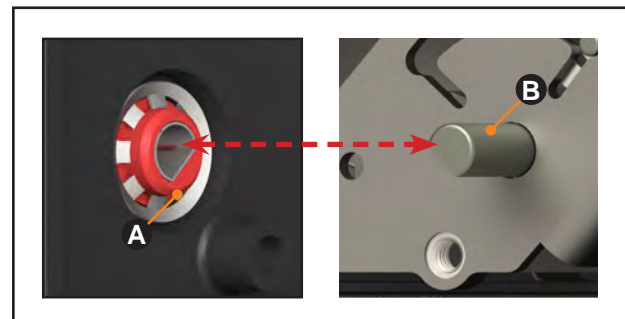


Fig.13

5. Test deadbolt to make sure it will completely swing in and out of the Latch Plate now that the front and the back of the LatchXtend are together.

NOTE: Leave in the locked position with the deadbolt extended out of the locking mechanism and door for the installation procedure.



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6. Loosely install hardware to secure into place (Fig. 14).



Fig.14

7. Make sure the front and the back top and bottom assemblies (the Locking Mechanism and the Anchor Plate) meet together completely and seal around the bores in the door.

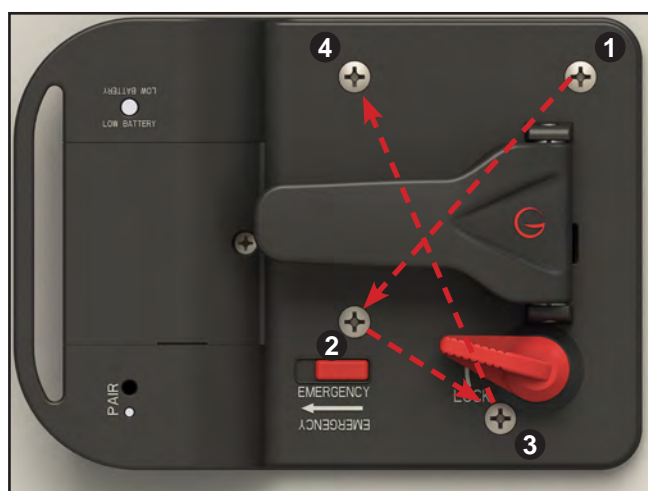


Fig.15

8. Tighten hardware on the back side of the Locking Mechanism in an 'X' pattern (Fig. 15).

9. Tighten hardware on the back side of the Anchor Plate (Fig. 16A).

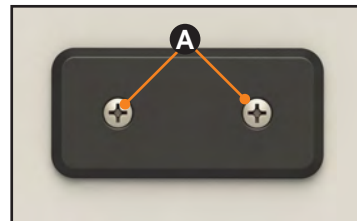


Fig.16

NOTE: Make sure there are no visible gaps around the bore at the top or the bottom of the LatchXtend on the inside or outside of door.

10. Tighten fastener screws (Fig. 17A) on Latch Plate (Fig. 17B).

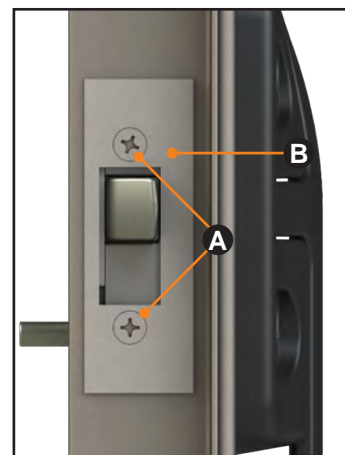


Fig.17



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Install Strike Plate (Optional)

If the Strike Plate was removed and the new Strike Plate is desired or necessary for installation, install the new Strike Plate (Fig. 18A) using existing screws (Fig. 18B).

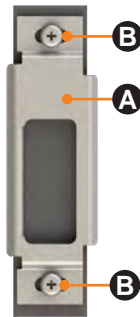


Fig.18

NOTE: Install new Strike Plate in the same alignment as the previous Strike Plate.

Operation

The LatchXtend is an extension of the door latch handle. From the outside of the unit, the door can be opened by pulling anywhere on the door latch handle or the LatchXtend.

Opening the Door, Exterior to Interior

1. With the door in the closed position and unlocked, pull on the door latch handle (Fig. 19A) or anywhere on the LatchXtend (Fig. 19B).
2. The door will release from frame and come towards the user while opening.

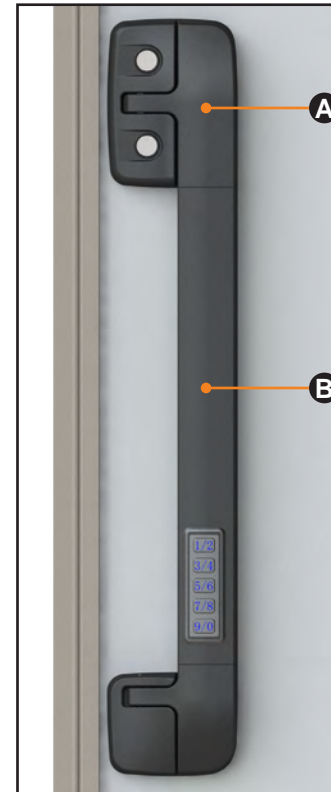


Fig.19

⚠ CAUTION

EXCESSIVE FORCE IS NOT NECESSARY AND IS NOT ADVISABLE TO OPERATE THE LATCHXTEND. DO NOT PULL WITH ENTIRE BODY WEIGHT OR PULL HANDLE FOR LONG PERIODS AS THIS COULD DAMAGE THE KEYLESS LATCHXTEND RV DOOR HANDLE OR CAUSE THE LATCH AND THE DOOR TO SWING OPEN UNINTENTIONALLY CAUSING DAMAGE OR INJURY.



Fig.20



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Opening the Door, Interior to Exterior

1. Make sure the door frame is clear of obstructions that could prevent it from opening.
2. If necessary, turn the deadbolt knob (Fig. 20A) counterclockwise to unlock.
3. Pull paddle latch handle (Fig. 20B) to release the door from the frame.
4. When outside of the door, push the door closed and lock as desired.

CAUTION

DOORS MOVING OUTWARD ON HINGE CAN SWING OPEN WHEN CAUGHT BY ENVIRONMENTAL ELEMENTS OR WHEN EXCESSIVE FORCE IS USED. DAMAGE TO DOOR, UNIT EXTERIOR, OR PERSONAL INJURY CAN OCCUR.

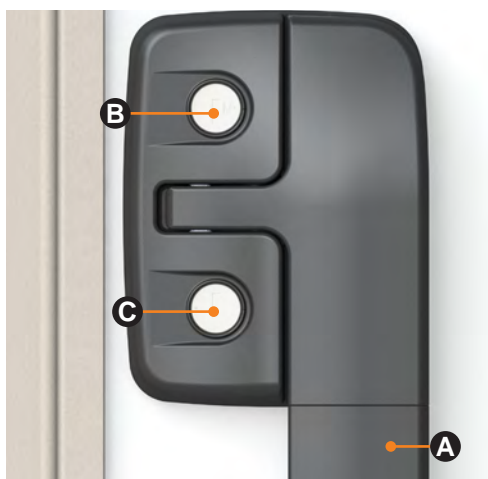


Fig.21

Locking at Paddle Handle

Locking the paddle handle (Fig. 21A) will only lock the paddle handle on the outside of the unit and LatchXtend assembly. This is to prevent other people from pulling the paddle handle. This will not prevent the door from opening from the inside.

- A. To lock, insert key into keyhole (Fig. 21B) and turn key to lock.
- B. To unlock, insert key into keyhole (Fig. 21B) and turn key to unlock.



Fig.22

Locking at Deadbolt

The deadbolt (Fig. 22A) will lock the door and prevent it from opening and closing from the exterior and interior.

- A. To lock, insert key into keyhole (Fig. 21C) and turn key to lock.
- B. To unlock, insert key into keyhole (Fig. 21C) and turn key to unlock.

The deadbolt can be locked and unlocked by turning the deadbolt knob on the inside of the LatchXtend assembly.

- Turning the deadbolt counterclockwise unlocks the LatchXtend.
- Turning the deadbolt clockwise locks the LatchXtend.

NOTE: In the event the deadbolt lever fails, slide and hold the red EMERGENCY safety release button (Fig. 22B) and open the door.



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Programming/Reprogramming an Entry Code

NOTE: The factory set PIN code is on the sticker found on the interior LatchXtend door latch handle (Fig. 23A).

1. To set a new PIN code, press and hold the 9|0 key (Fig. 24A) until LatchXtend beeps twice.
2. Enter either the Factory PIN or current PIN on the keypad within the next 10 seconds.
3. After the next set of two beeps, enter the new User PIN on the keypad within the next 10 seconds.
4. After hearing 3 beeps, re-enter the new User PIN on the keypad within the next 10 seconds.
5. After hearing final 3 beeps, the new User PIN is now programmed.

NOTE: The only way to update the keypad pin is to follow these instructions. Keypad programming is not available on the smart device app.



Fig.23



Fig.24

Control LatchXtend from a Smart Device App

NOTE: The battery will ship inside the battery compartment. To activate the battery, a pull tab will be accessible on the back side of the battery compartment (Fig. 23B) that needs to be pulled completely from this location. This will close the battery circuit allowing for electronic and bluetooth operation of the LatchXtend.

Download the App



1. Scan the QR code to open the webpage that will help you get to the right App for your LatchXtend device.
2. If you already use an App for your RV, you may be able to add LatchXtend to your control panel. See the App Previously Downloaded section below.
3. Download the app to the smart device and follow the prompts for setting up a new account or logging in to an existing account.
4. Proceed to the Pairing section on page 11.

App Previously Downloaded

If you already use an RV control App, confirm that the LatchXtend is compatible.

1. Open the App and look for a "+" icon at the upper right of the screen.
2. Tap the "+" icon to open the Add & Explore page.
3. Look for the LatchXtend accessory from the list of accessories and devices.
4. If you see the LatchXtend, proceed to the Pairing section of this manual.



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Pairing with the App

1. Once the LatchXtend has been successfully installed in the door and the app has been installed on your smart device, the two can be paired.
2. Open the app and tap the "+" icon at the top right of the screen.
3. Select the LatchXtend accessory from the list of accessories and devices.
4. The app will display a screen indicating that the app is ready to pair with the LatchXtend.
5. The Touch Indicator Light (TIL) will blink BLUE with two audible beeps, then continue to blink BLUE for 15 seconds until pairing mode expires. When pairing is successful, the app will indicate a successful pairing session and the TIL will communicate with 2 GREEN blinks and audible beeps.
6. The app will return to the HOME screen.
7. Scroll down to find the LatchXtend device section.
8. Open the section for controls and features.

Battery Replacement

Batteries are pre-installed in LatchXtend with Bluetooth. As the lock is used, batteries may need to be replaced.

⚠ CAUTION

USE ONLY CR123 3V LITHIUM NON-RECHARGEABLE BATTERIES. BE SURE TO INSTALL BATTERIES OBSERVING PROPER POLARITY. REMOVE DISCHARGED BATTERIES PROMPTLY TO PREVENT DAMAGE.

1. Loosen screw (Fig. 25A) on battery compartment lid (Fig. 25B).

NOTE: The screw is captured to the battery compartment lid so it will not fall out.

2. Install CR123 3V lithium non-rechargeable battery in accordance with the orientation.
3. Return screw into battery compartment lid.



Fig.25

Maintenance

Cleaning

- Clean with gentle detergent/soap to prevent dirt that could cause potential obstructions, damage, or early wear and aging.
- Wipe away dirt and obstructions so the handle can move freely.
- Do not wash with power washer or high pressure cleaner. LatchXtend with Bluetooth is designed to resist water intrusion to protect its electrical components from normal water encounter such as rain.
- The LatchXtend with Bluetooth uses Touch Technology. The buttons are activated by touching not pressing.
- Remove batteries when storing or not using this lock for extended periods of time.

NOTE: Be cautious and do not directly aim power washer or high pressure cleaner at LatchXtend when washing unit to prevent unnecessary damage or leakage.



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Notes

Compliance Statements:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS (s). Operation is subject to the following two conditions: 1. This device may not cause interference. 2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1. L'appareil ne doit pas produire de brouillage; 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



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