



ENTRY DOOR LATCH GENERAL INFORMATION

FASTEC, INC.

Fastec door latches are installed on about 98% of all entry doors in the RV industry. They are the only manual latch used by Lippert Components, Inc.

LCI Fastec door latch comes in 3 colors; Black-50% usage; White - 40% usage; Chrome - 10%.

There are 25 different keys used for the manual door latches.

The Fastec Key code is stamped into the key as a 5 character code, e.g. HF 345, see Fig. 1.

Standard key will have a square, black plastic coating on the key handle and will have "FIC" molded on the face.

KEY
CODE

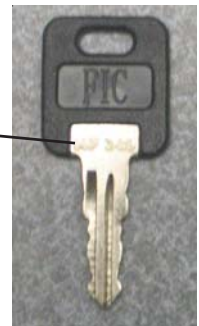


Fig. 1

In the event of a lost key, the key code can be found on a sticker affixed to the back plate of the latch, see Fig. 2a. **Fastec's toll free number will also be listed - (800)837-2505.**



Fig. 2

Remove the four mounting screws found on the inside door latch, see Fig. 3. Remove inside latch to reveal key code sticker, see Fig. 2b.

A Master Key will have the same characteristics only in red plastic. The Master Key will only open the door lock and not the deadbolt, See Fig. 4.

DOOR LOCK

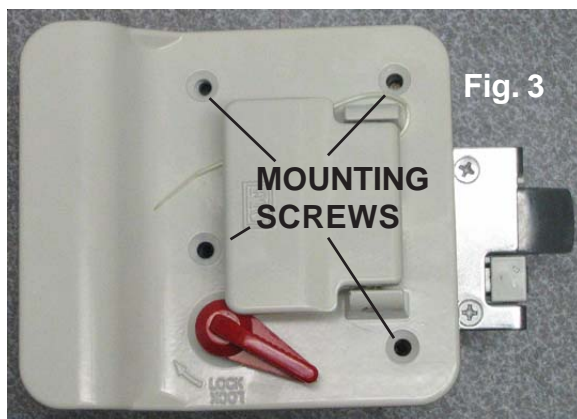


Fig. 3

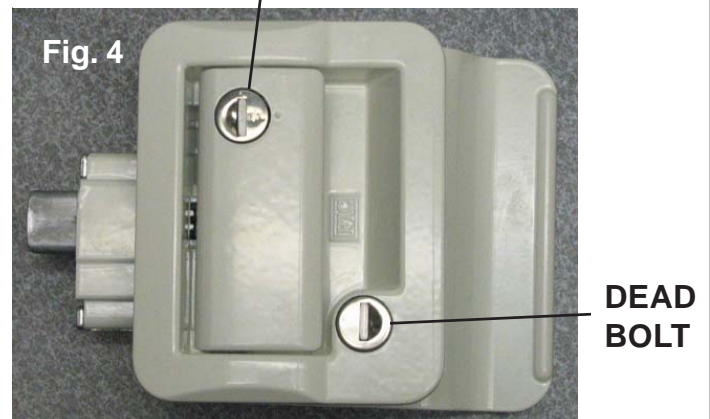


Fig. 4

DEAD
BOLT



ENTRY DOOR LATCH GENERAL INFORMATION - SOUTHCO

SOUTHCO, Inc. door latches are used in Lippert's Keyless Entry Door systems. At this time, they are only offered on Heartland, Keystone, Primetime and KZ. All units are towable.

All Southco units are black and the door handle is slightly curved, see Fig. 5, as opposed to the straight door handle on the Fastec.

Keypad, see Fig. 6. Keyfob, see Fig. 7.



Fig. 6



Fig. 7

The Southco key code is a 3 -digit code stamped onto the key, see Fig. 8. The key handle has black molded plastic on the key handle and is rounded at the end. The Master Key bears no keycode.



KEY
CODE

Fig. 8

If the key or key fob is lost, the keycode can be found on the latch plate, see Fig. 9, by removing the 4 screws on the inside latch handle, see Fig. 10. **Southco can be contacted directly for key or keyfob replacement - 610-459-4000.**

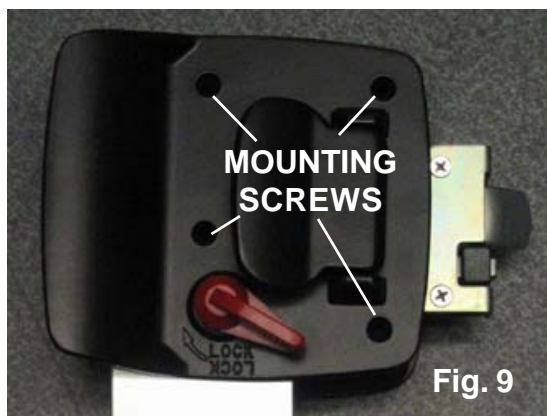


Fig. 9

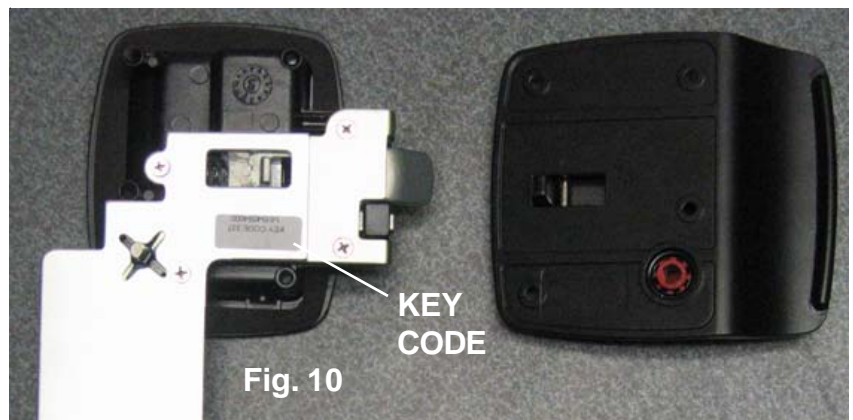


Fig. 10



ENTRY DOOR LATCH GENERAL INFORMATION - SOUTHCO, CON'T.

The keyless entry mechanism is mounted in the door accessed just below the door latch, see Fig. 11.

CYLINDERS



NOTE: Southco Latch may have the Fastec compatible cylinder Cylinder installed and will utilize the Fastec key, see Fig. 1.

Fig. 11

The receiver is mounted just below the entry door window.

The keypad and the keyfob are all matched directly to the receiver. A small black sticker with the code number is affixed directly to each component. On the keypad, the sticker is located under the 9 - 0 button, see Fig. 12. On the keyfob, in the middle of the backside of the fob, see Fig. 13. The matching code will be located to the receiver next to the antenna.



Fig. 12



Fig. 13

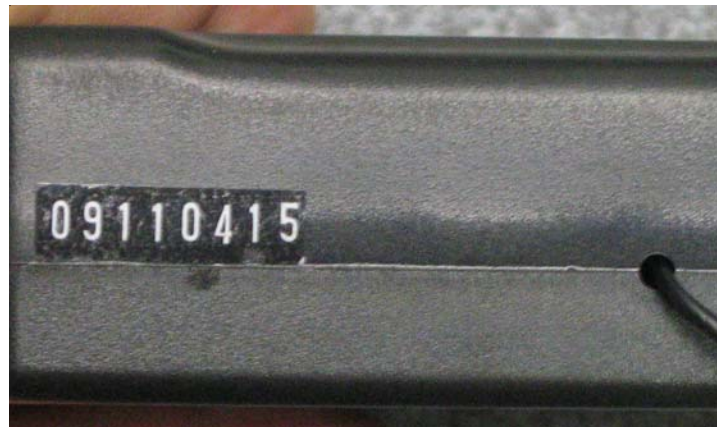


Fig. 14



ENTRY DOOR LATCH GENERAL INFORMATION - SOUTHCO, CON'T.

Problem: Entry door latch will not actuate

1. Verify User Code:

A draft version of operating instructions states that the default code is 1-2-3-4. This was NOT true for early product units. The early production units came preprogrammed with a 4 digit user code. The user code was printed on small piece of paper taped to the inside of the RV door.

- a. Verify the battery on the wireless keypad is working: press any button on the keypad, all lights should illuminate. If no lights illuminate the keypad battery is dead.
 - i. Replacing the battery: On the [9-0] side of the wireless keypad, insert a small flat screwdriver into the small slot to pry off the cover. Remove the green electronic board. Turn it over to the battery side, replace with a CR 2032 3V battery.
- b. Enter the given user code, then press the [1-2] button.
- c. If the entered user code is correct, the [9-0] button only will illuminate for a couple of seconds.
- d. If the entered user code is incorrect, all buttons will illuminate for a couple of seconds.
 - i. If the code is incorrect: The OEM taped a small piece of paper to the inside of the entry door that contains the correct user code.
 - ii. If the user code is missing: Contact Southco Inc. @ 610.459.4000
 - iii. The current user code must be known in order to change the user code.

2. Verify Power Supply to the Latch:

- a. Power is supplied to the latch actuator thru a bridge connector at the bottom of the door on the hinge side. *When the door is open, there is no power transmitted to the latch.* See figure below:



Place **Red** lead
top most contact

- b. The FRAME side of the connector should have resident 12VDC power. This is the input power to the RF controller and the POLARITY is critical. Using a multimeter set to read DC voltage: place the RED lead on the top most contact. Place the BLACK lead on the lower most contact. Meter should read +11-12V power. A negative value means the bridge connector was installed/wired backwards. To correct, remove screws on the connector, turn it over and reinstall.

3. If the user code is verified AND power is there with the correct polarity then contact Southco Inc. 610.459.4000.