

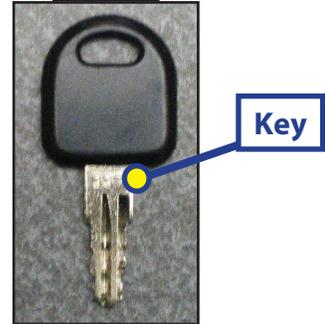
ELECTRONICS

Southco, Inc. door latches are used in Lippert’s Keyless Entry Door systems. All Southco units are black and the door handle is slightly curved, see Fig. 5. Keyfobs are used as remotes for the keyless transmitters, see Fig. 1. Keyfobs only operate the deadbolt and not the standard door lock.

Fig. 1



Fig. 2



In the event of a power outage or specific loss of power to the RV occurs, the current status of the deadbolt will remain in the state in which it was last in, e.g. if the deadbolt is in the locked position, it will remain in the locked position. The key provided with the unit will be needed to unlock the deadbolt if entry into the unit must be obtained prior to power being restored.

The Southco key code is a 3 -digit code stamped onto the key, see Fig. 2. The key will have black molded plastic on the key handle and is rounded at the end. The Master Key bears no keycode.

If the key or key fob is lost, the keycode can be found on the latch plate, see Fig. 4, by removing the 4 screws on the inside latch handle, see Fig. 3.

Southco can be contacted directly for key or keyfob replacement - 610-459-4000.

Fig. 3

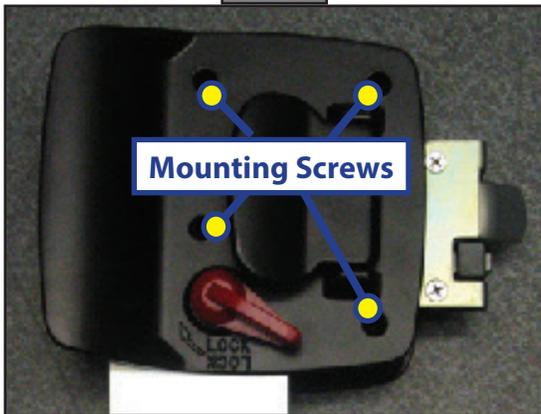
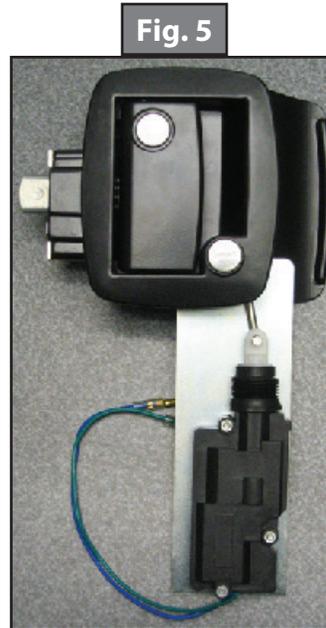


Fig. 4



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The keyless entry mechanism is mounted in the door accessed just below the door latch, see Fig. 5.



The receiver is mounted just below the entry door window.

The keyfobs are all matched directly to the receiver. A small black sticker with the code number is affixed directly to each component. On the keyfob, the sticker is located in the middle of the backside, see Fig. 6. The matching code will be located on the receiver next to the antenna.

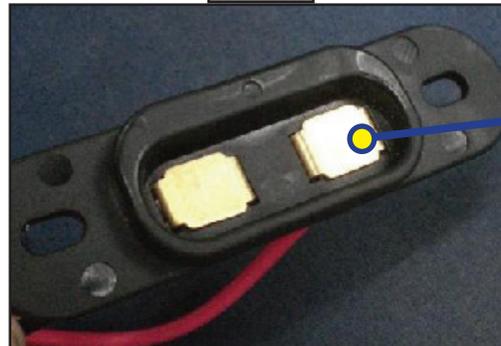


ELECTRONICS

Problem: Entry door latch will not actuate

1. Verify Power Supply to the Latch:
 - A. Power is supplied to the latch actuator through 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 Fig. 8

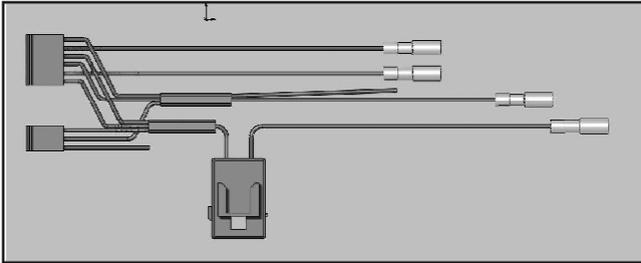
Fig. 8



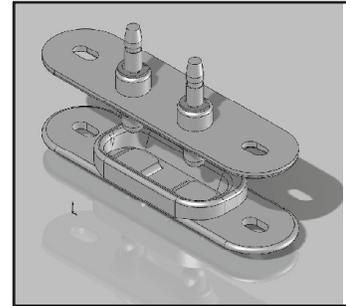
Place Red lead
top most contact

- 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.
2. If the user code is verified AND power is there with the correct polarity then contact Southco Inc. at 610-459-4000.

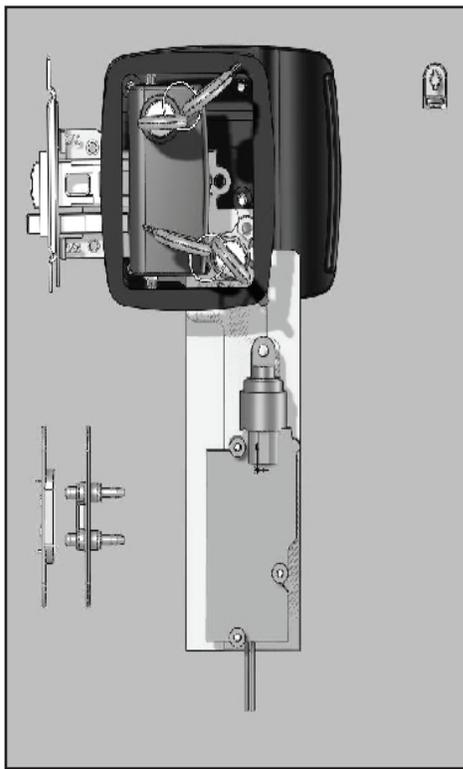
ELECTRONICS



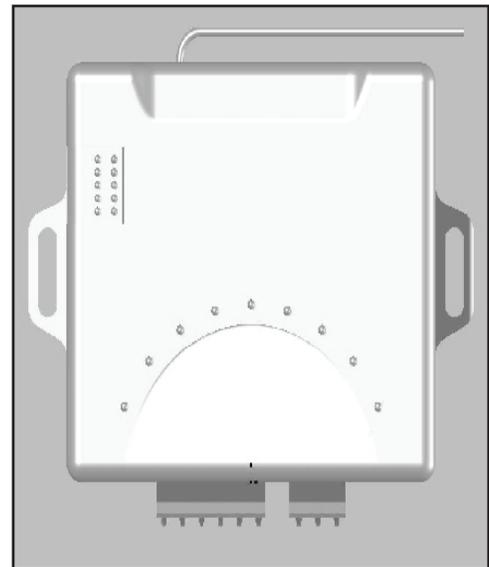
WIRING HARNESS - 239530



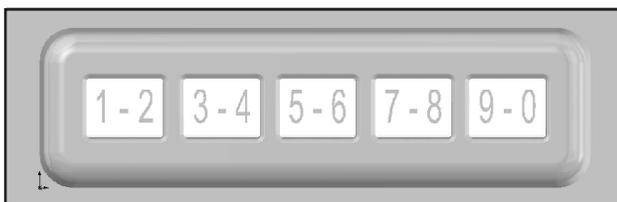
BRIDGE CONNECTOR - 239007



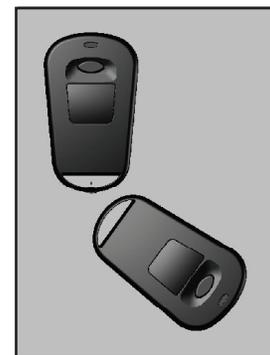
LATCH W/BRIDGE CONNECTOR - 239319



CONTROLLER - 239005



KEYPAD - 239004



KEY FOB - 239006