

Procedure for Correction Wiring of Drop-In Floor Box E971FBDI and E97FBDIB • Page 1 of 2

Tools needed: Small Phillips screwdriver

All floor boxes shall be installed per the National Electrical Code and any local amendments.

TEST FOR POLARITY

Step 1. Plug the provided circuit tester into the floor box receptacle then compare results to the photos in boxes A & B:

Box A



If the two yellow lights illuminate, your floor box is correctly wired and nothing further needs to be done.

Box B



If the red light and adjacent yellow light illuminate, then proceed to **Step 2.**

Step 2. **WARNING: To prevent electrocution or shock, turn off the AC electrical power** which supplies the power to the Drop-In Floor Box at the breaker box or fuse box.

Step 3. Verify that the power is off by plugging the provided circuit tester into the floor box receptacle. **None of the lights on the tester should be illuminated at this time.**

NOTE:

The fix will be to reverse the black and white wires on the receptacle, and marking the white wires to indicate that the wire is hot. Please check your local electrical code. If your code does not permit this, call the Lamson & Sessions Recall Hotline at (866) 636-1531 for a repair kit.

REVERSE THE WIRES

Step 1. Using the Phillips screwdriver, remove the two brass cover screws that hold the cover to the floor and pull the brass cover with the plastic floor box up out of the floor.

Step 2. Remove the two brass screws from the clamp on the bottom of the round floor box. **See Fig. 1.**

Step 3. Remove the clamp and bottom cover plate.

Step 4. Pull the wires out of the floor box far enough to see the wire nuts.



Fig. 1

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- Step 5.** On the white wire from the receptacle, wrap a piece of black electrical tape around the white wire or mark the white wire with a permanent black marker. **See Fig. 2.**
- Step 6.** Remove the wire nuts on the existing black pair of wires and on the white pair of wires.
- Step 7.** Reconnect the white wire from the receptacle to the black wire from the AC power cable, using the wire nut.
- Step 8.** Reconnect the black wire from the receptacle to the white wire from the AC power cable, using the *other* wire nut. **See Fig. 3.**
- Step 9.** Push the wire connections back into the round floor box. Place the bottom cover plate onto the bottom of the round floor box. Allow the AC power cable to exit through the opening in the bottom cover. Secure wire clamp and bottom cover with two screws. **See Fig. 4.**
- Step 10.** Push the floor box assembly back into the hole in the floor. Reinstall the two screws down through the brass cover plate and into the floor.

RETEST FOR POLARITY

- Step 1.** Turn on the floor box receptacle AC power previously turned off at the breaker box or fuse box.
- Step 2.** Insert the circuit tester into the receptacle. If the two yellow lights illuminate, the floor box correction has been completed correctly.

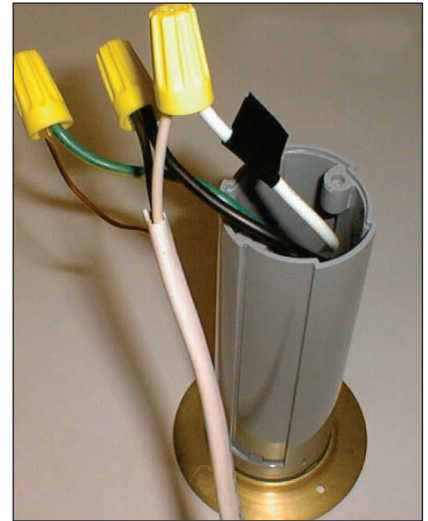


Fig. 2

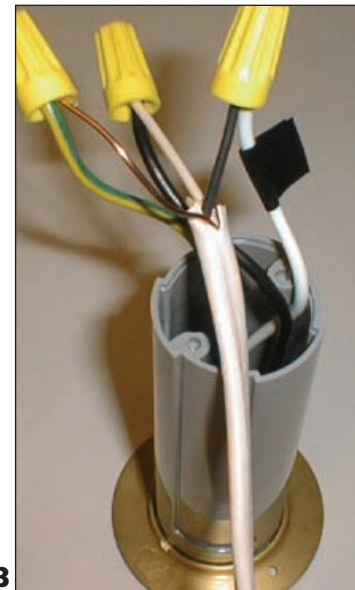


Fig. 3



Fig. 4