

NHTSA# 17V-385

Date of Publication: June 2017

TC# 2017-310

Job Code 9902356

Series/Flat Rate RC005 .25 Inspect Outlet for GFI protection
RC013 .75 Inspect and Replace Outlet when NOT GFI protected

ACTION REQUIRED

Test standard AC outlet for GFCI protection
Replace unprotected outlet with GFI outlet.

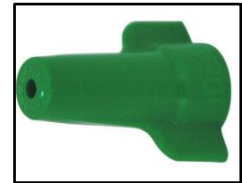
AFFECTED UNITS

2018 Launch Outfitter 24RLS
J2UT5051-5071
J2UT5075-5081
J2UT5084, 5087-5096
J2UT5104-5116

PARTS KIT 17V-385

Note: Kit can only be ordered using the order form included with this bulletin.

- 1 - Special green grounding wire nut
- 1 - GFI outlet and faceplate
- 1 - Outlet box



Misc. Tools and Supplies

Flat blade screwdriver
Phillips screwdriver
Utility knife
Air saw
Side cutters
Flashlight

GFI outlet tester
GFCI outlet with cover plate
Plastic outlet box
GFI Tester
AC line voltage tester (or digital AC voltmeter)



INSPECTION/TEST INSTRUCTIONS

Plug in the trailer power cord.

FIG 1: Affected units were built with the foldaway sofa bed or the theater seats option in the living area next to the sink cabinet. The outlet between the optional seating and the kitchen sink must be GFCI protected. Test this outlet to confirm if GFCI protection is in place.

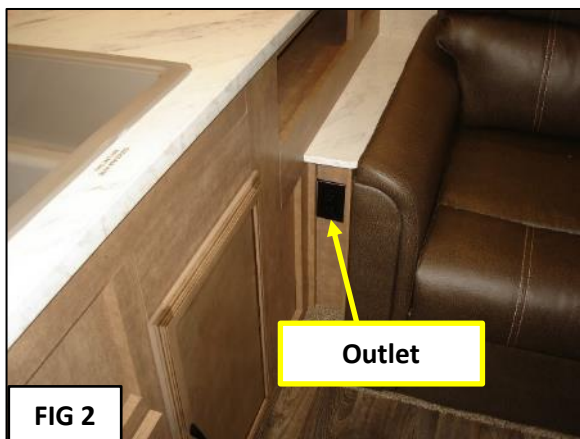


FIG 2: Location of Outlet between the sink cabinet and the optional seating.

FIG 3: Plug the GFI tester into the outlet next to the sink cabinet. The indicator lights on the tester should be ON.

Press the button on the GFI tester. The GFI outlet in the bathroom should trip.

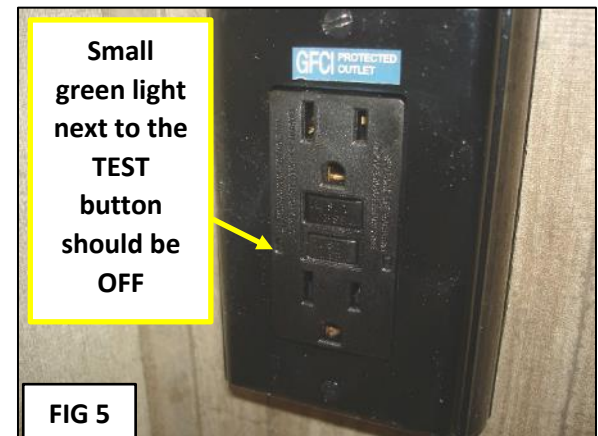
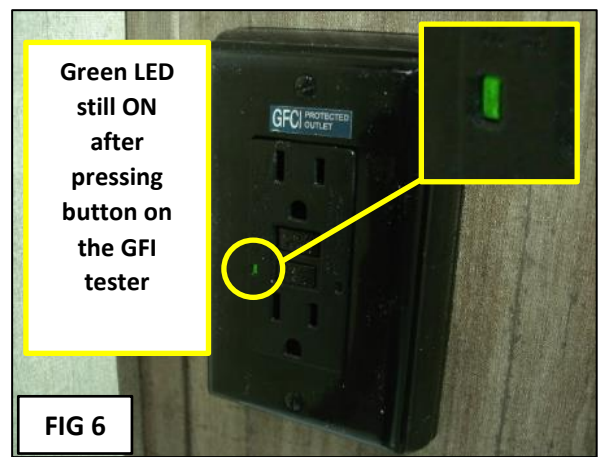


FIG 4: Go into the bathroom and look closely at the GFI outlet on the wall. Make sure you physically walk into the bathroom to look at the outlet. Do not assume because you heard a "click" that it tripped.

FIG 5: There is a small green LED located to the left of the TEST switch on the GFI outlet. This green LED should be OFF, which indicates the GFI has tripped and interrupted power.

THE CIRCUIT IS WIRED PROPERLY AND WORKING AS INTENDED. NO FURTHER ACTION IS REQUIRED.

FIG 6: If the GFI outlet in the bathroom **DID NOT TRIP** when the button on the GFI tester was pressed the green LED will still be **ON** and the outlet must be replaced.



REPAIR INSTRUCTIONS to REPLACE OUTLET

Make sure power to the trailer is OFF before attempting the repair

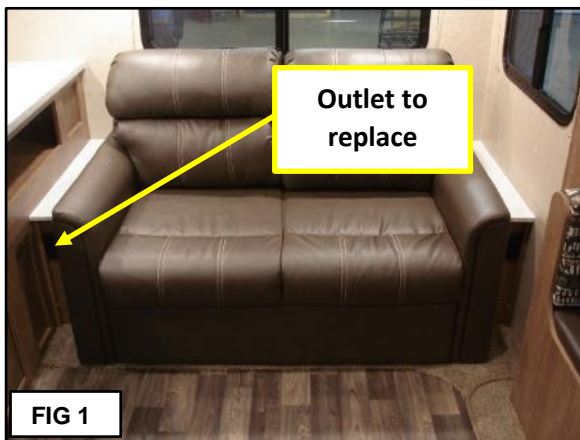


FIG 1: Outlet next to the optional seating closest to the sink must be changed to a GFI.



FIG 2: Insert the GFI tester in the outlet next to the optional seating and the sink. Lights on the tester should be lit as power should be present at the outlet.

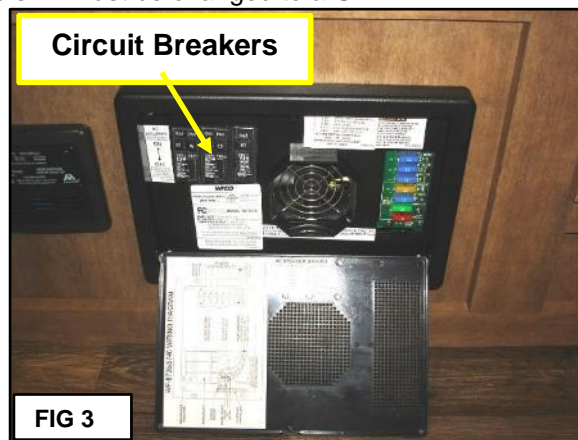


FIG 3: Open the Load Center panel at the bottom of the sink cabinet.

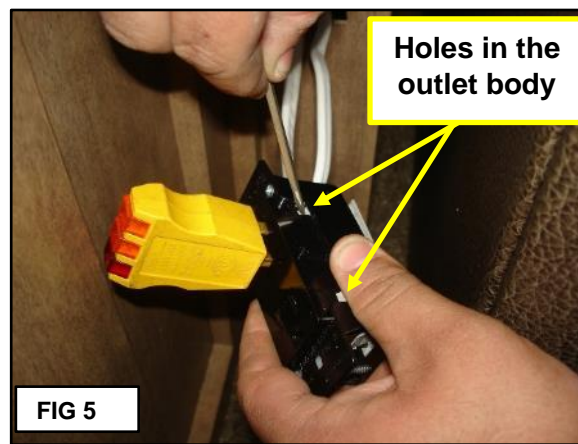


FIG 4: Turn **OFF** the second breaker (15A) from the left (arrow)

FIG 5: Outlet power should now be **OFF**, lights on GFI tester should be off. Remove the outlet cover (1 screw) and the outlet itself (2 screws) Insert a screwdriver into two holes on one side of the outlet and push in gently. This releases tabs holding the back of the outlet.



FIG 6: Remove the back of the outlet to expose the wiring.

FIG 7: Use the screwdriver to pry the wires from both Romex cables out of the outlet.



FIG 8: Remove all wires from the outlet.

FIG 9: Put wires through the back of the new outlet box.

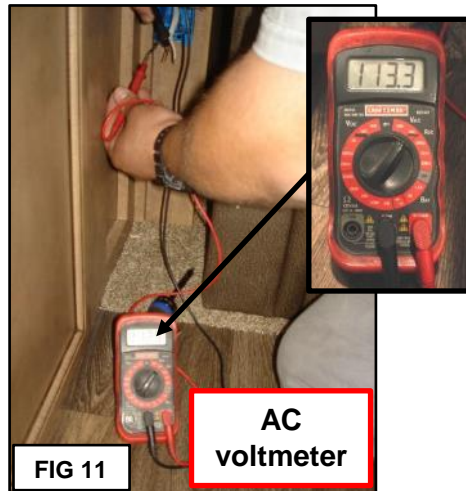
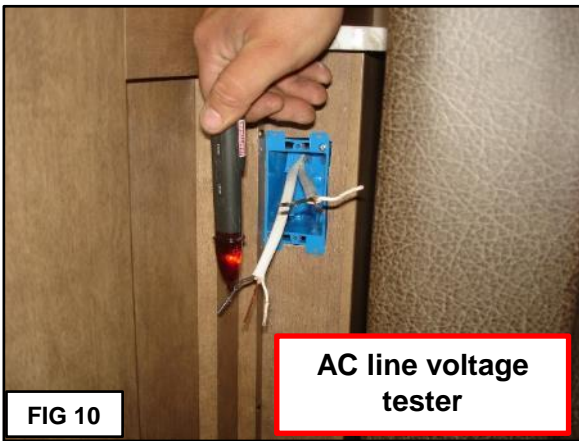


FIG 10: Test the wires to find the hot wire from the breaker panel.

If using an AC line voltage tester:

Separate the wires from both Romex cables so they don't short out to each other.

Turn the 15A breaker at the panel **ON**.

Use the AC line voltage tester to determine which black wire is hot.

Tester light will come **ON** when you select the energized wire.

FIG 11: **If using an AC Voltmeter:** Set the meter scale to 120V AC (or higher)

Turn the 15A breaker at the panel **ON**.

Separate the wires from both Romex cables so they don't short out to each other.

Select one of the the bare copper wires, and attach the black lead from the meter.

From the same Romex cable, select the black wire and attach the red lead from the meter.

If you do not get a display on the voltmeter, select the other set of wires.

(Black lead of meter to bare copper wire, red lead of meter to the black wire)

When you have selected the "hot" wire, the display will light up as shown.

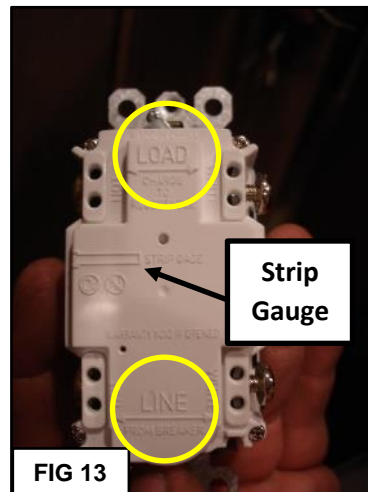
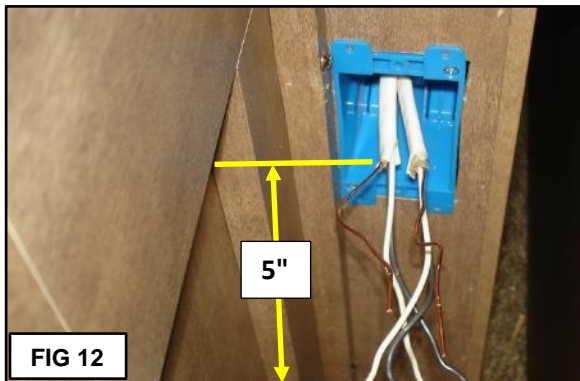


FIG 12: Strip back the outer Romex jacket on each cable so individual wires are about 5 inches long.

FIG 13: The GFI outlet has **LOAD** and **LINE** marked on the back along with a wire strip gauge.

Use the strip gauge on the back of the outlet and strip white and black wires to this length.

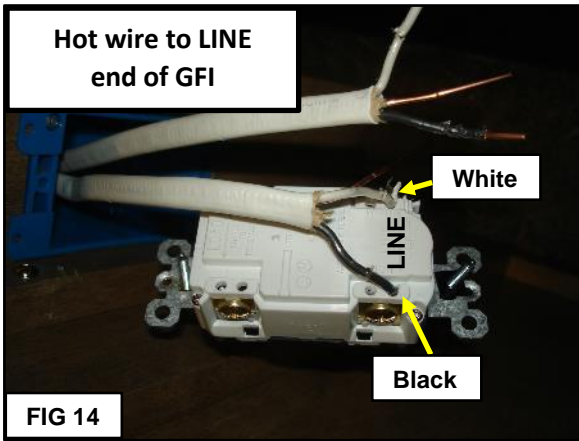


FIG 14: Attach the hot wire from the breaker box to the "hot" terminal at the LINE end of the GFI. Attach the white wire from the same Romex cable to the "white" terminal at the LINE end of outlet. Insert wires into holes above screws and tighten screws.

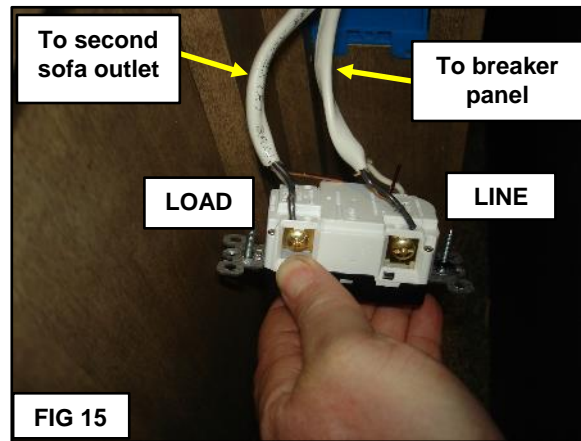


FIG 15: Romex cable running to the other outlet at the sofa connects to the LOAD side of the GFI. Attach black wire to "hot" terminal, white wire to "white" terminal. Insert wires into holes above screws and tighten screws.

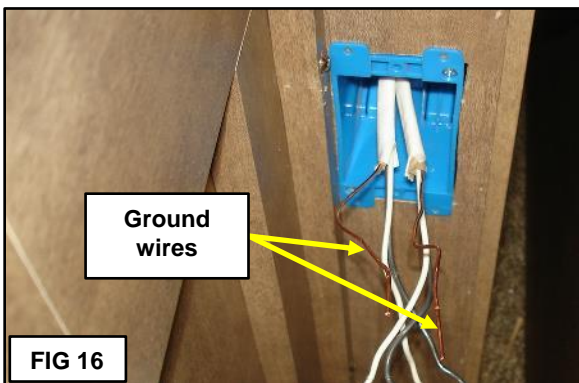


FIG 16: Cut one of the bare copper ground wires about an inch shorter than the other. It does not matter which copper wire you shorten.



FIG 17: Twist the short ground wire around the longer ground wire

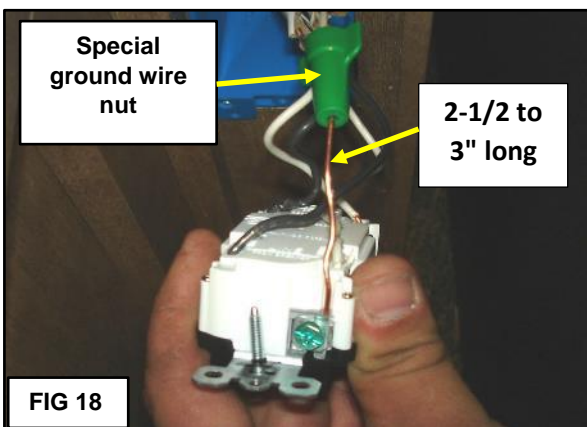


FIG 18: Slide the long ground wire through the special ground wire nut as shown. Twist the wire nut on to the junction of the two ground wires. **The long ground wire should be 2-12" to 3" long from the end of the wire nut.** Insert the long ground wire into the ground terminal on the GFI outlet and tighten the screw.



FIG 19: The outlet hole will need to be widened slightly in order for the faceplate to fit on the outlet. Use the air saw and widen the mounting hole slightly to allow the outlet to move to the right. To widen this hole, you must cut into a cleat on the right side.

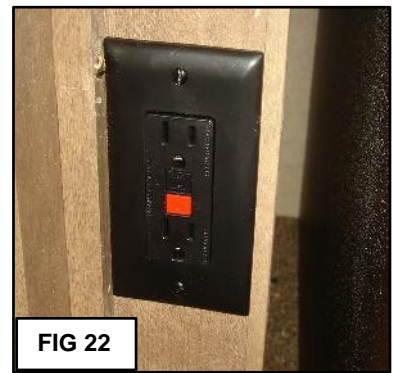
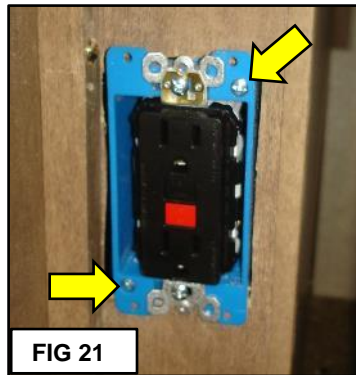
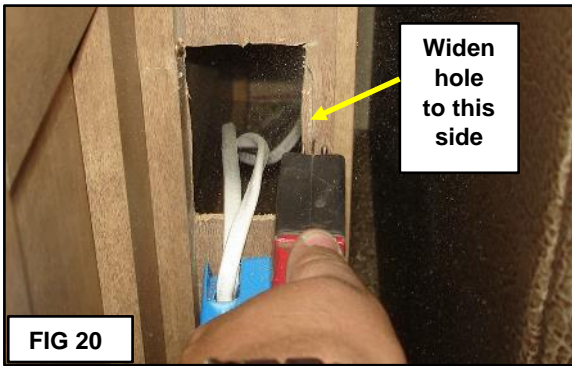


FIG 20: Widen the mounting hole approximately 1/8 inch.
 Test fit the outlet with the faceplate to ensure it fits properly.
TRIMMING THE FACEPLATE IS NOT RECOMMENDED.

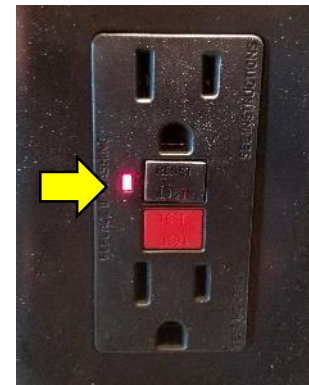
FIG 21: Install the outlet box into the hole with two screws in opposite corners (arrows).
 Install the GFI outlet into the box with 2 screws also.

FIG 22: Install the faceplate to the GFI with 1 screw.

TEST THE INSTALLATION (for outlets on each end of the sofa):

Place the GFI tester in the GFI outlet just installed.
 Turn on the power at the breaker.
 (GFI tester lights should be ON)
 Press the red TEST button on the GFI outlet.
 Outlet should trip and lights on the GFI tester should go out.
 (The red LED on the GFI will light when the outlet trips)
 Press the black RESET button on the GFI outlet to restore power to the outlets.

Place the GFI tester in the outlet at the other end of the sofa.
 (GFI tester lights should be ON)
 Press the red TEST button on the GFI outlet.
 GFI outlet should trip, and power to the other outlet should go off.
 (The red LED on the GFI outlet will light when the outlet trips)
 Lights on the GFI tester should go out.
 Press the black RESET button on the GFI to restore power to the outlets.



When GFI trips- red light comes on next to the RESET button