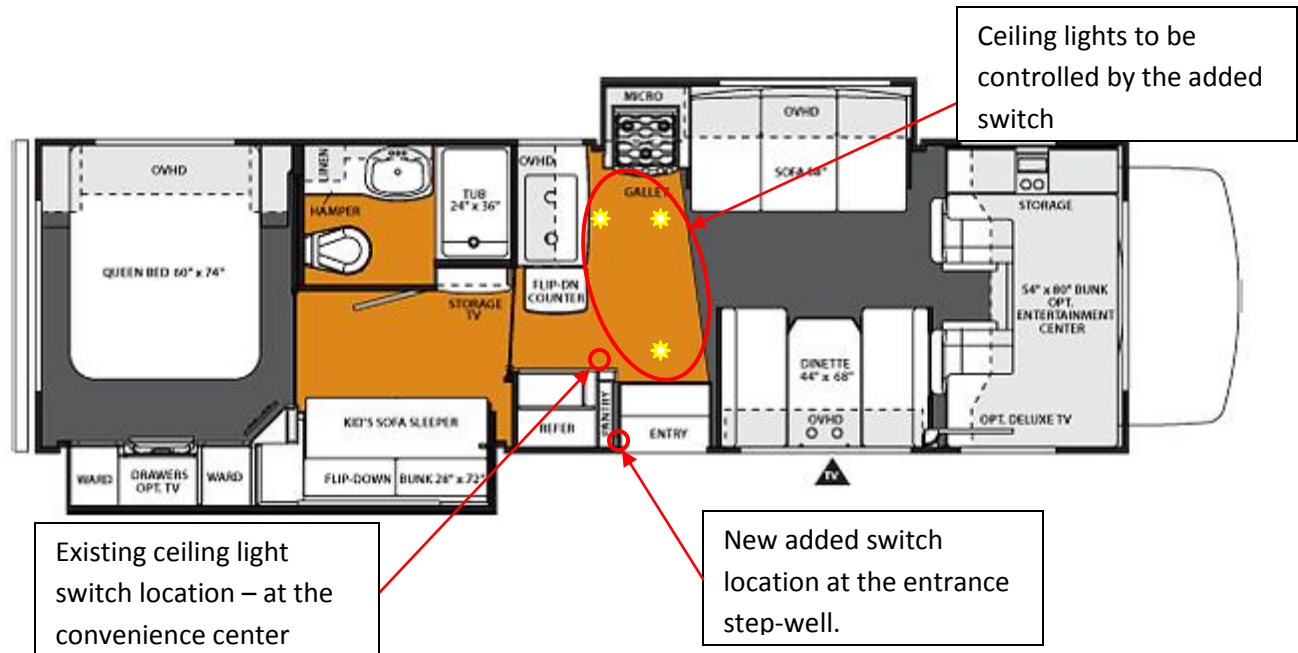


## Light Switch Upgrade

The 3171 floor plan has 7 ceiling lights spread between the galley and living area. The galley has 3 lights on one switch and the 4 living area lights are on a separate switch – both switches are located at the convenience panel over the refrigerator.

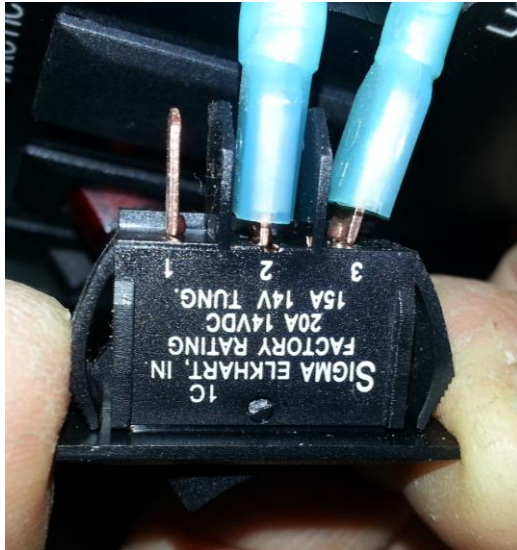
One of the galley ceiling lights is near the entry step-well. I have often desired to switch these galley lights on/off as I enter/exit the coach at night.



### Process:

Since my convenience panel over the refrigerator is in the same cabinet as the switches for the patio, LED and step-well light switches, I thought it might be easy enough to drop a set of wires down the cabinet from the galley light switch at the convenience panel.

What I would need is two single pole double throw switches to make the switches work as a 3-way switch. It is basically an On/On switch. Lucky for me, Forest River already had a SPDT switch on the convenience panel but it was on the living area lights; the alternate pole wasn't being used so I swapped the switch positions placing the galley switch, a standard SPST switch to the living area and moved the living area switch to the galley switch location.



The existing switch that was in the convenience panel. It was being used as just an On/Off switch but can easily be made into an On/On switch.

The switch being changed



Next, a location for the switch was needed. The current switch panel in the step-well has a 3 switch array to control the patio, awning LED and the two floor lights.

In my search I couldn't find a 4 switch panel that would fit. It's probably just as well since three switches already makes enough challenge of selecting the right switch.



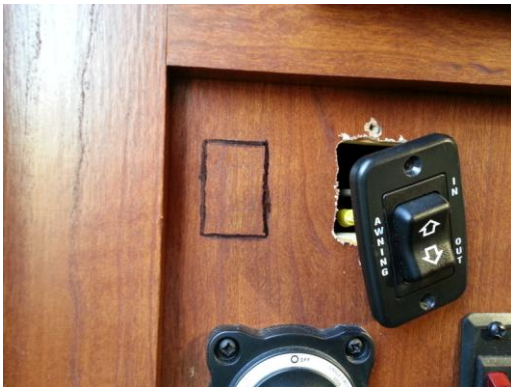
I selected an open area by the awning switch. It could pose a problem with an accidental awning operation But I think I have enough area to make adequate spacing between the switches.



Location selected next I needed the additional On/On switch and plate. I selected the JR Products number 13095 switch and 12305 base/face plate kit.



Marked and cut the hole with my Dremel using a spiral cutter. I already checked the backside of the cutout area to make certain there weren't any other wires likely to get "blindly" cut.



The hole cut, now I am ready to run the wire. I checked before hand and I do have a clear path from the convenience panel down to the switch site. It helped to remove the furnace diffuser to fish the wire. I need 3 conductor wire; one wire is the hot, the other two are the switched lines. I happened to have a 5 conductor bonded wire. I used it – this would give me two wires for spares for whatever else I might want to add in the future.

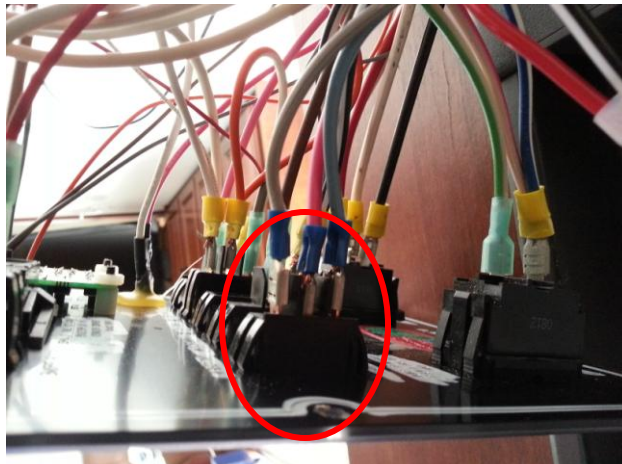




Switch wired and tucked in.



Complete the wiring on the other end at the convenience panel.



All buttoned up. Works like a charm! Project time; about 2 hours. Cost; less than \$15.00

