

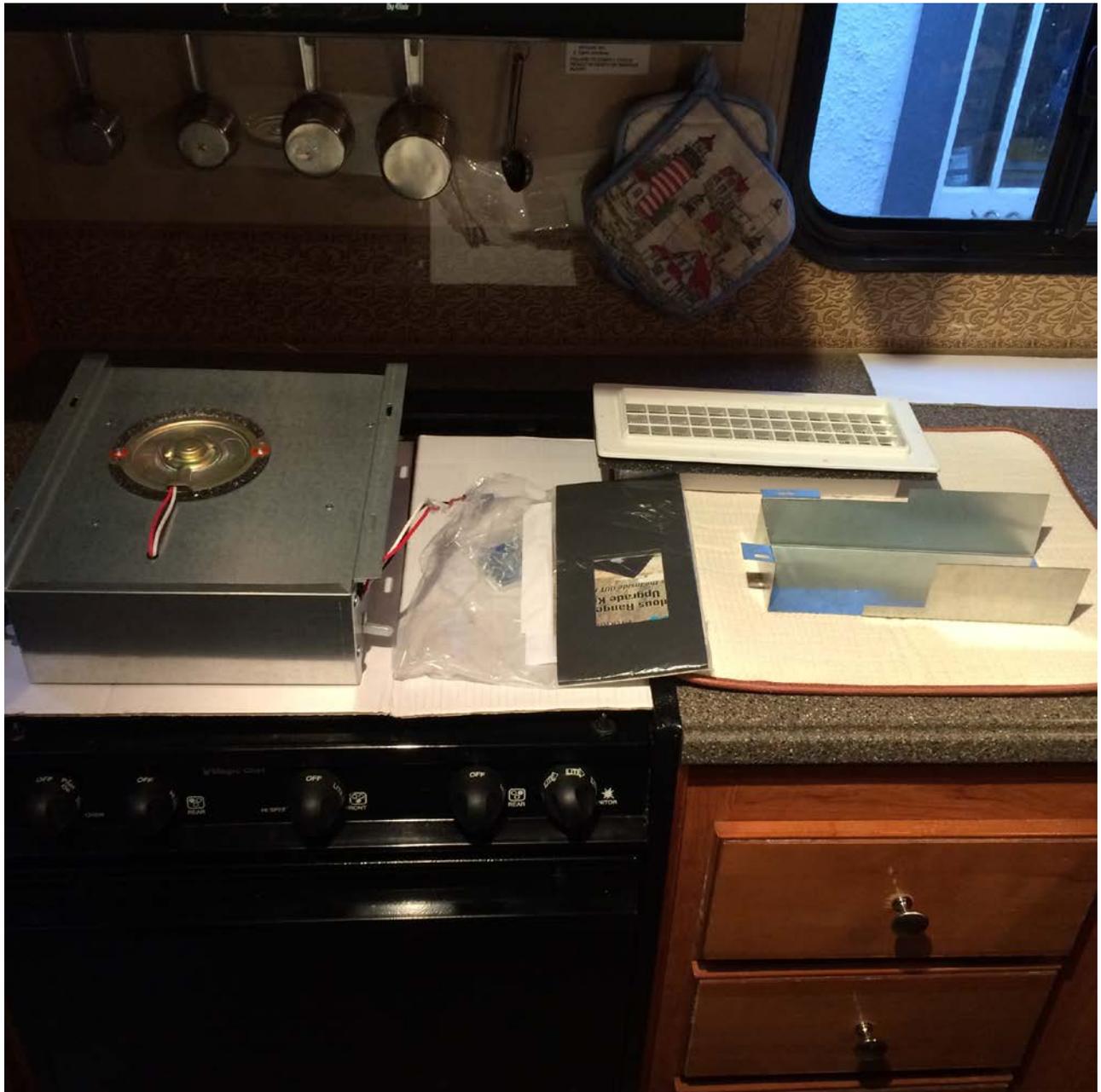
Before starting SAM-1 Installation. Old hood in place.



SAM-1 in shipping box

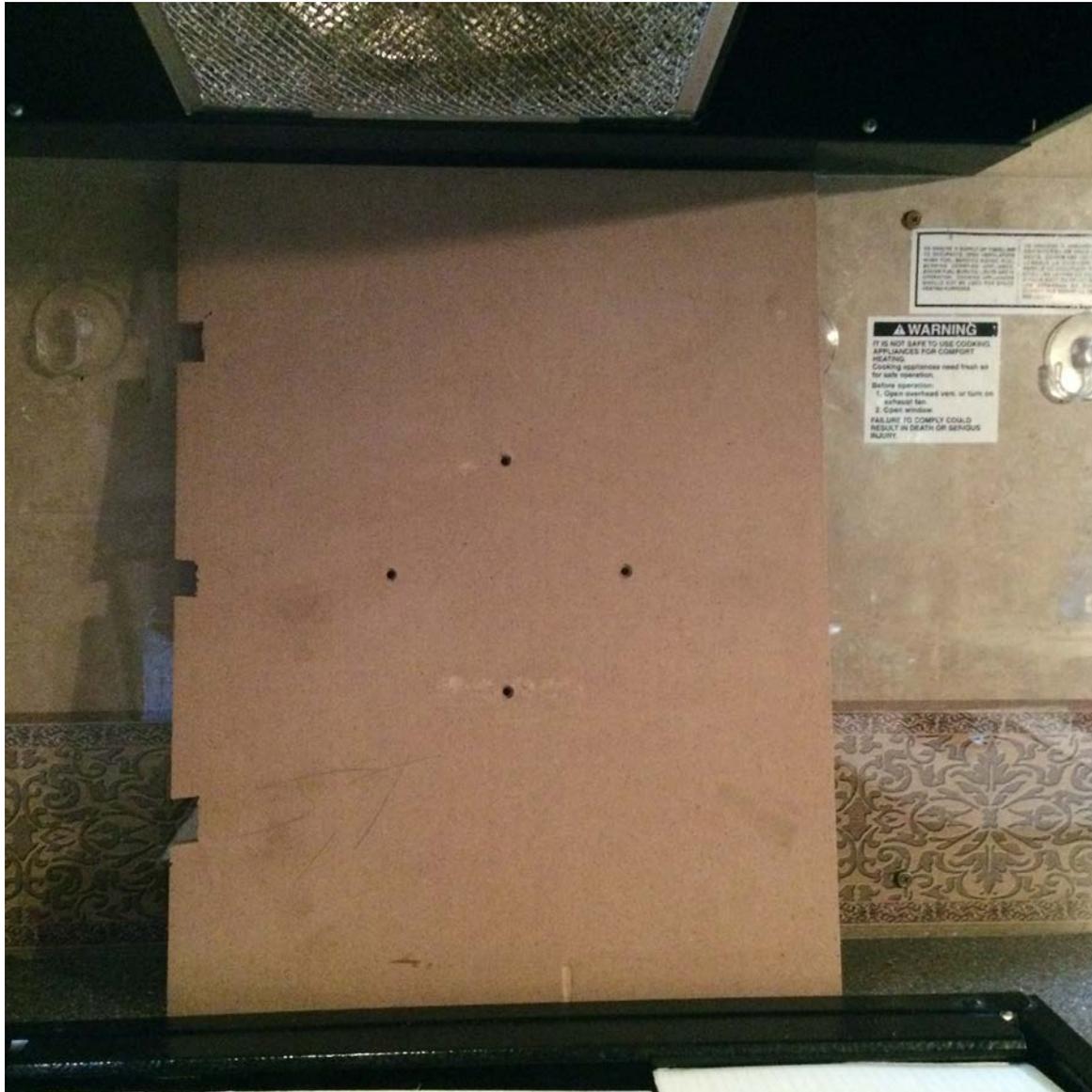


SAM-1 unpacked and ready to start installation.

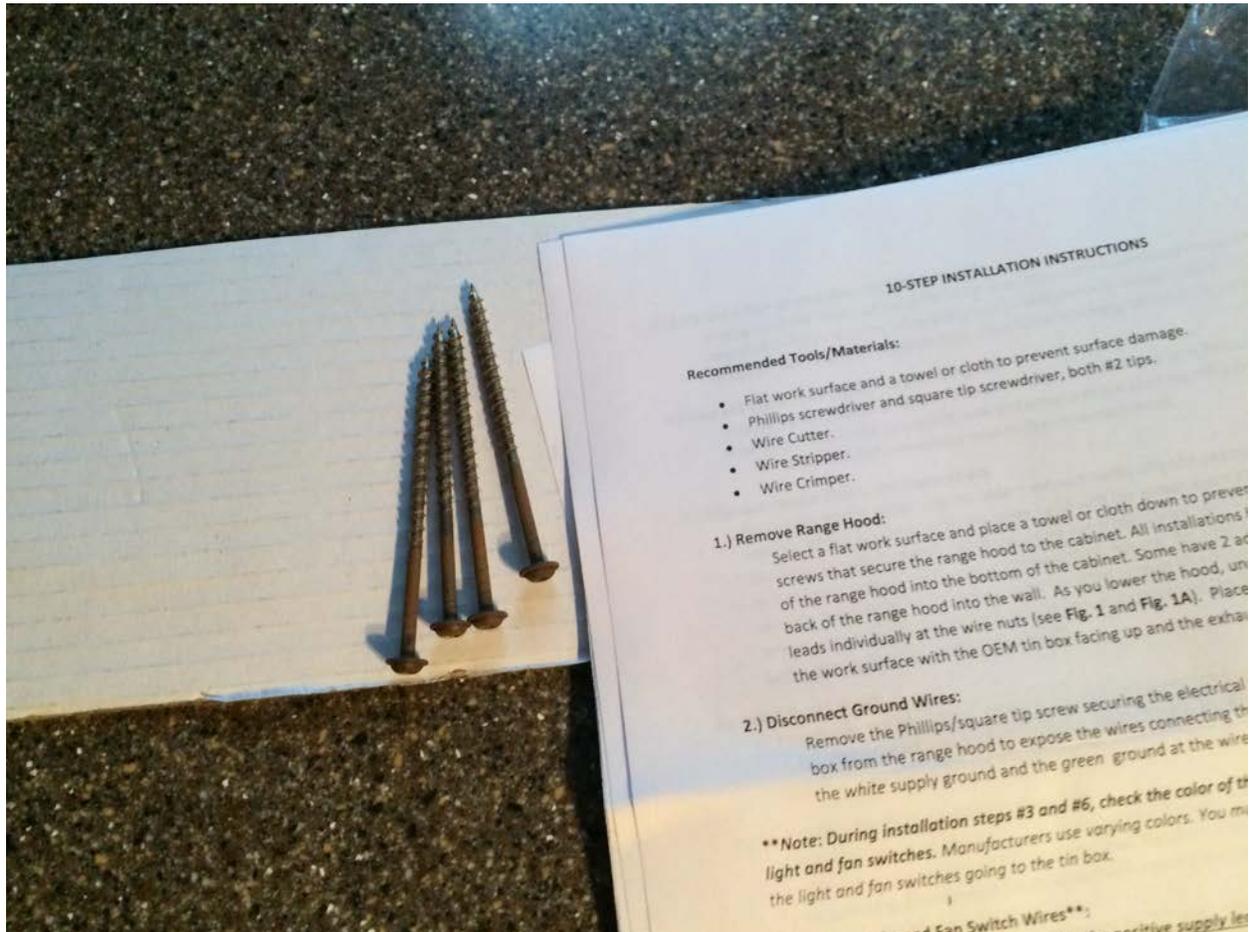


Don't forget to remove the fuse for this circuit.

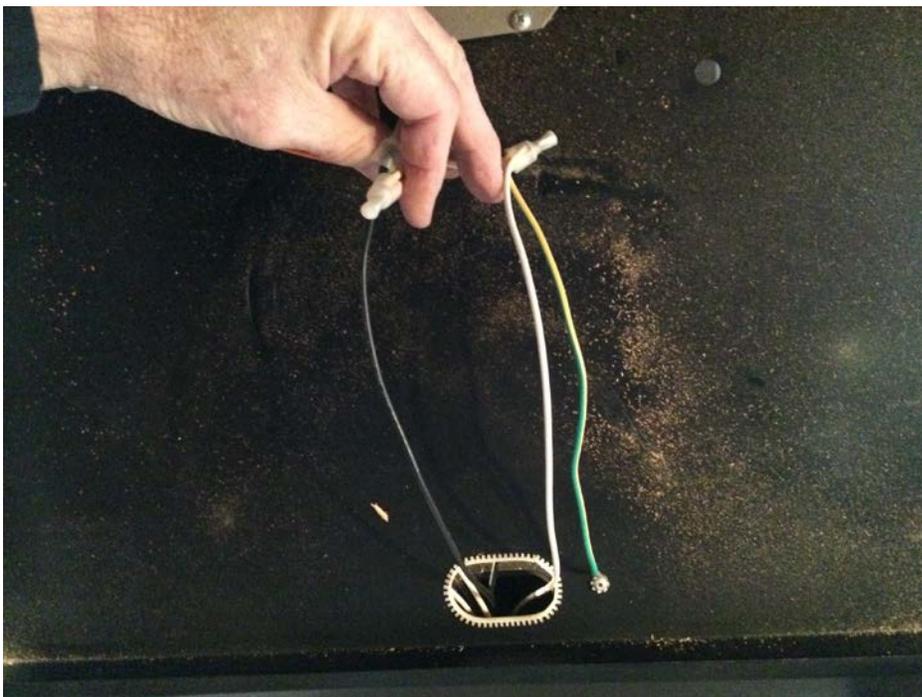
I used a piece of scrap wood to support the back of the hood when I removed the four mounting screws.
This same piece was also used to support the hood when it was re-installed.



Two FYI items: The manufacturer of our 5th wheel used square drive screws – a square drive bit is useful in this case. Also, the screws were much longer than I was expecting. Don't be surprised.



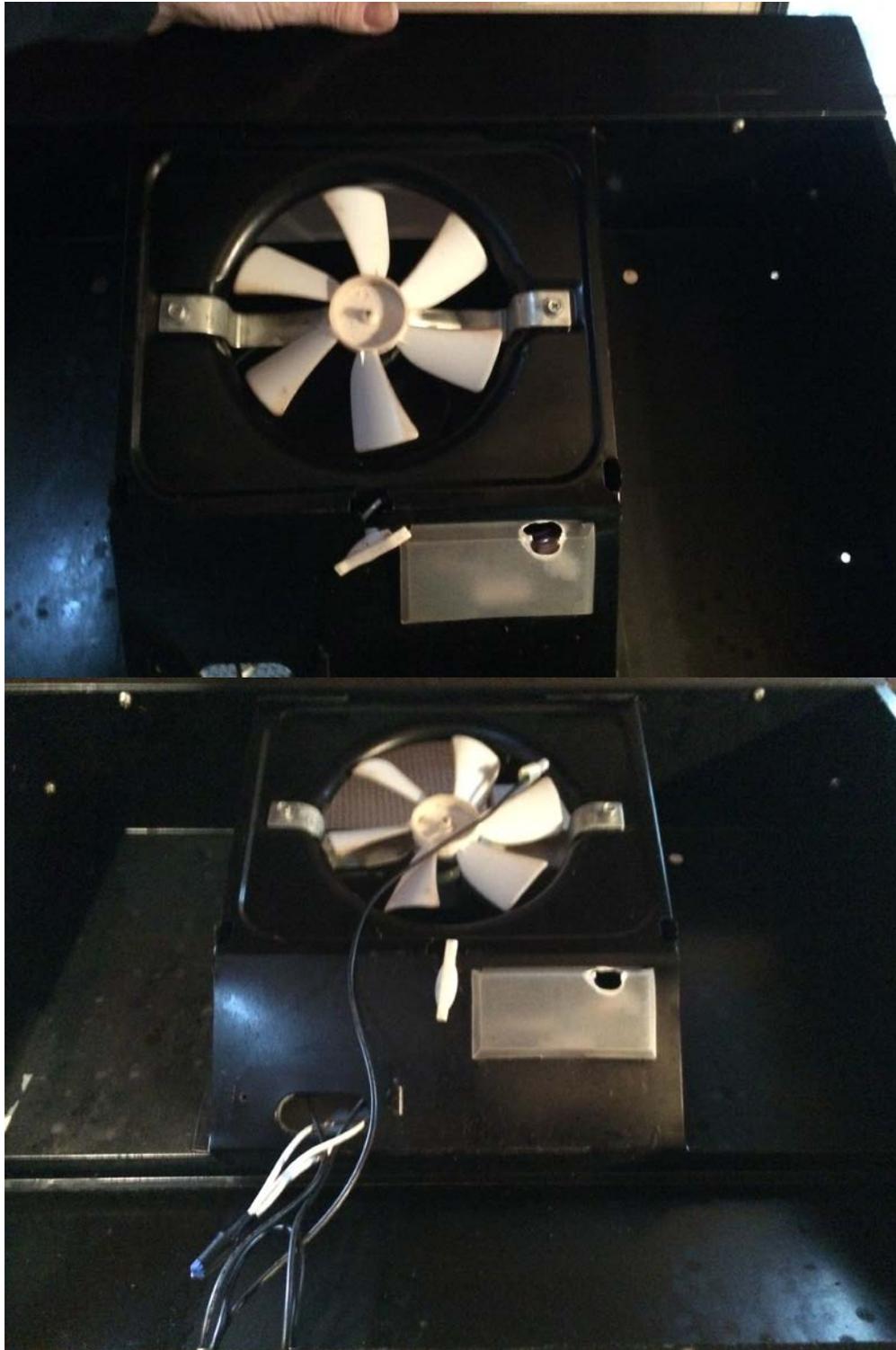
When the hood is removed, a box or some item to set the hood on might come in handy depending on the length of the wires used to power the hood. (The box the SAM-1 was shipped might work fine.) In my case, they were fairly long and easy to work with. The wires for the hood were also continued to power the 12 volt light over the sink. In my situation the "hot" orange and white connected to my hoods black and the white wire to the hood and the yellow/green ground connected to the hood chassis. This view is of the hood's top.



Murphy's Law will do its best to make the simple a little harder. On our camper, the hood is installed 3 inches off the wall – spacers were added to reach the exterior vent. I removed these and set them aside for the re-install.



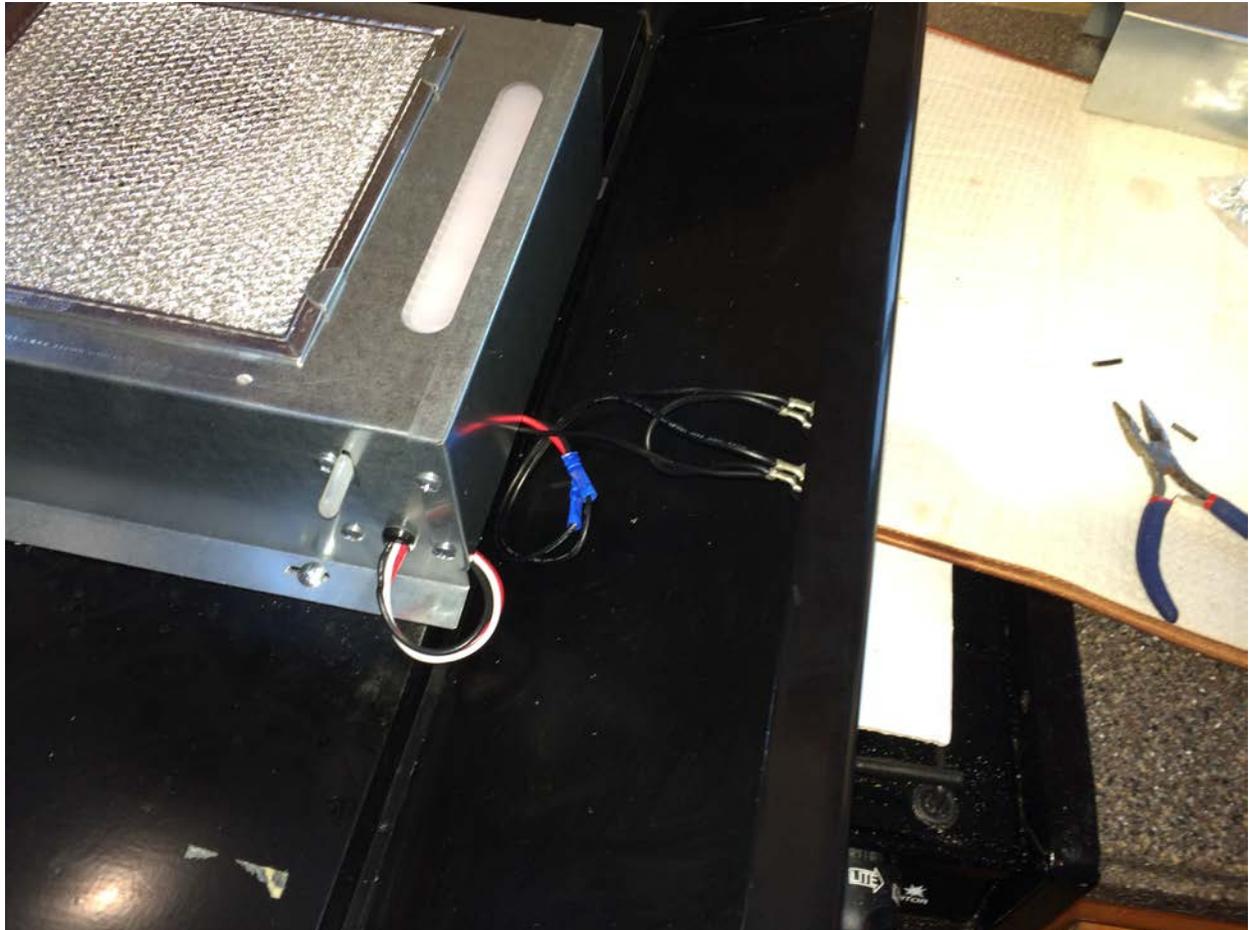
The old hood is ready for the removal of the fan box. The clip holding the light bulb in came loose and the bulb melted a hole in the old cover. At his point I disconnected the fan box wires from the switches mounted on the front of the hood. The wires to and from the switches are all connected to the black wire we cut earlier.



Murphy's Law hits again. The model of hood we had was made by Jensen and installed in our 2008 camper. It did not have the four screws for easy removal. It was spot welded to the hood. I fired off an email to Fabulous Operating Products at 11:00 AM on the Saturday before Easter. A short time later I had a phone call giving me instructions on how to proceed. You have to be impressed with service like that – I didn't expect anything until Monday at the earliest! I'm impressed! The spot welds would not affect the SAM-1 installation, just complicate the removal. I was told that Harbor Freight sells an inexpensive tool to break the welds. However, the nearest Harbor Freight is hundreds of miles away. Being impatient and not wanting to wait several days for an order to arrive, I did the quick and dirty job – drill the welds. It worked and any holes made in the hood were covered by the new fan box. The hood is now ready for the fan box installation. (This is also the time to give it a good cleaning.)



The fan box installation was simple and quick. The black wire from my hood switches connected to the plug as described on the instructions. I had to double check which wire came from the fan switch and light switch since the hood was upside down at this time.



At this point I re-installed the duct and hood spacers I removed earlier and the hood was ready to reinstall.



I set the hood on a box to facilitate the connections of the wiring. I also used the piece of wood support the back of the hood while I inserted the mounting screws. The brighter light is actually usable for cooking and the fan is much quieter. A great improvement to our rig!

