

2007 Phaeton Control Panel for Awnings, Slides and Tanks

<< A Crusingator Document >>

Over a period of two years I have made several changes to this control panel. Tiffin had built this panel to handle several requirements it contained:

1. Switches for both the main awning and the door awning.
2. The Xantrex RC/GS remote control.
3. Two switches for the front slides.
4. Indicators for the tank fill levels, fresh, grey, black and LP.
5. Coach battery bank state of charge (SOC).
6. A switch for the satellite dome.
7. An AC outlet for the front TV.
8. Switches for the Hot Water Heater, both LP and AC.

My initial problem when using the Xantrex remote control was to be able to read and program the remote, I had to stand in the driver's seat. I decided really fast that was not going to be acceptable. That was my first modification to the panel. The remote used a six wire RJ11 telephone/data cord. I located the necessary cord in a 25 foot length. I routed this cord between the inverter in the basement and the hallway wall. The cord was routed up the pipe chase across the top of the pantry and down the hallway wall into the void between the hallway and the pantry walls. Below is a picture of the Xantrex remote relocation to the hallway.



My second project was to install the See Level 409 tank monitoring system, one monitor was installed in the wetbay and a second monitor was installed in the hallway on this same wall as the Xantrex remote control panel. The wiring for the tank monitor was routed through the same area as I had for the Xantrex remote.



As you can see the hallway is becoming very busy with all of the new additions. So now the panel over the driver's seat has less responsibilities and I do not need to climb up and onto the seat to program or look at the various indicators, or switches.

That upper panel now contains:

1. Switches for the awnings.
2. Switches for the front slides.
3. Power Switch for the satellite dome.
4. Switches for the hot water heater, both LP and AC.
5. And the AC outlet for the front TV.
6. A night light with a manual switch.

The AC paddle switch in the above picture is part of my three-way switching for the overhead lighting in the living room. The second three-way switch is to the right of the passenger seat. This gives us the ability to use either switch to turn on or off the living room lighting.

I purchased and installed two new control panels from Tiffin, one for the water heater LP and AC, and the second for the front slide control switches. Now having finished moving several of the panel's original controls and switches to the hallway it is time to clean up my mess. I obtained a piece of the cherry bark paneling and re-skinned the front panel as it had several big holes where items had been removed and relocated to the hallway.



To further brighten the area. I added a switch controlled nightlight with a 16 watt bulb in the extra AC outlet. That gives me the ability of lighting the compartment when I desire.