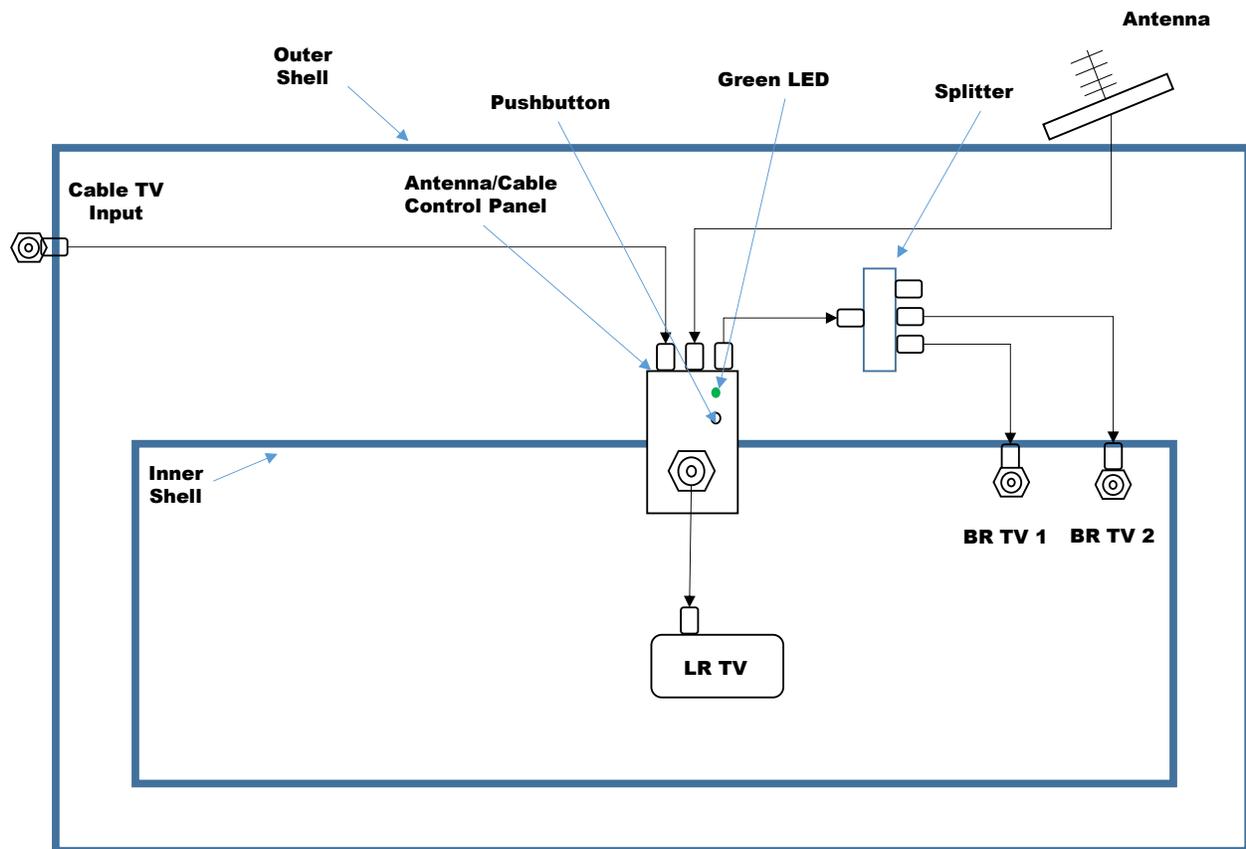


Installing DirecTV in my 2011 Safari

Al Waschka WBCCI #1322, FL Unit

In my trailer, there are three outlets for television. One is inside the cabinet in the living area adjacent to the refrigerator. The second and third are both in the bedroom, one at the rear center of the trailer to the curb side of the nightstand, and the other on the curbside wall just behind the hanging locker. The wiring diagram for my trailer as it came from the factory is shown below. The two heavy blue lines represent the inner and outer shells of the trailer. Anything between those lines is located between the skins.

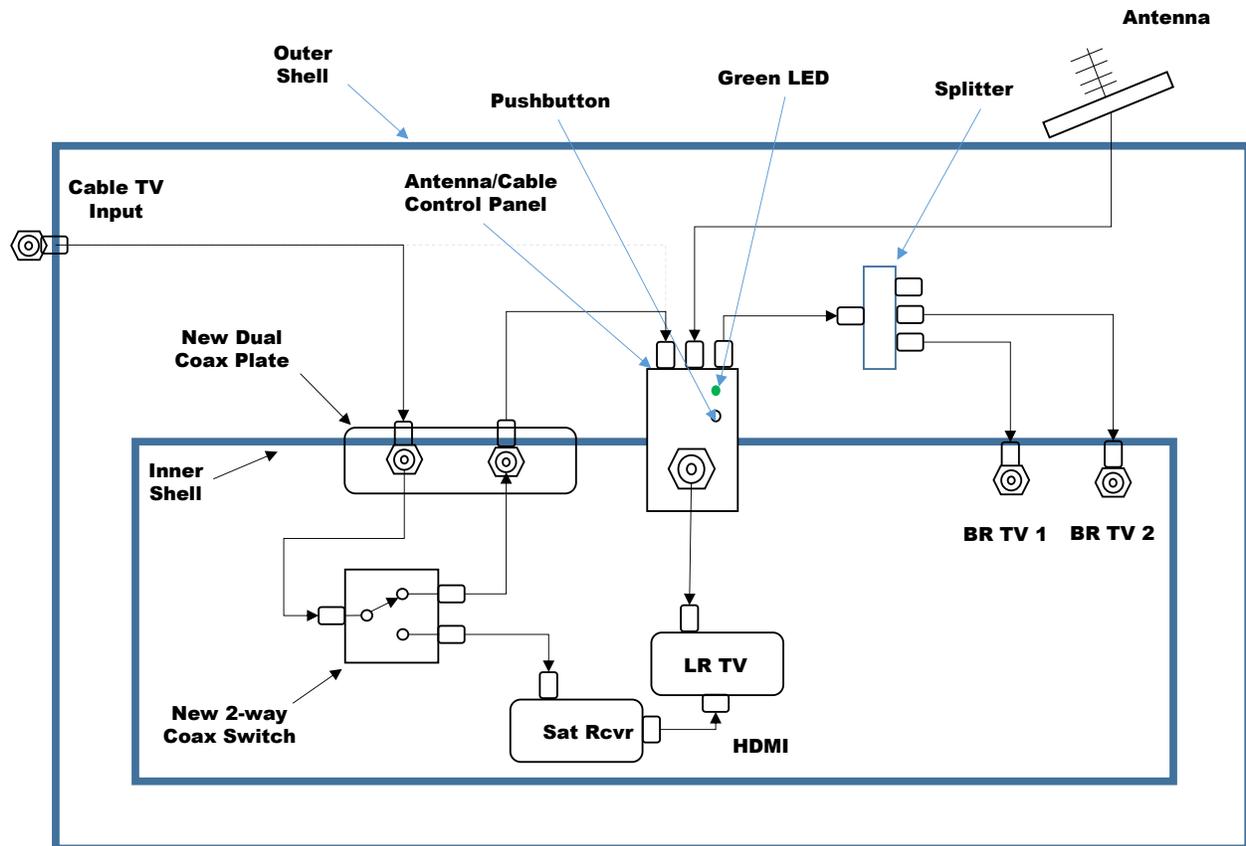


"Stock" Configuration
Older Trailer w/o
Satellite Wiring

A control panel with a single coax connector is mounted inside the cabinet adjacent to the refrigerator. This panel and its associated equipment has several functions: providing power to the roof-mounted antenna preamplifier, switching between the stock Cable TV input and the antenna, and splitting the selected signal between the integral wall jack and a rear-mounted connector which provides TV signal to the other jacks in the trailer. In my case, a single wire runs from the panel to the rear center jack. A splitter is located behind that jack which provides signal to the other jack in the bedroom. In other trailers this panel is mounted in different locations. I have heard of panels mounted on a wall in the

galley and under the dinette. The location of this panel with respect to your television or televisions is critical to the difficulty and success of any modifications to add satellite to the trailer.

My only television at present is in the living area. The figure below shows how I wired my trailer.



Satellite Modification for Older Trailer w/o
Satellite Wiring
1TV Collocated with Antenna/Cable Control Panel

I added a two jack wall plate adjacent to the control panel in the LR cabinet. I moved the coax from the external Cable TV jack from its connection on the Control Panel to one of the jacks on the new wall plate, and ran a new line from the other jack on the wall plate to the Cable TV input on the back of the control panel. This is the same as Airstream wiring. I also added a 2-way switch in the cabinet. It performs the function of selecting between Cable TV and satellite. In the up position as shown, the wiring is electrically the same as the stock configuration and the pushbutton switch selects between Cable TV and the roof-mounted antenna. When the switch is placed in the down position, the external Cable TV jack is routed to a DirecTV H24 receiver. Now I can set up a tripod mounted DirecTV dish outside and connect it to the Cable TV jack in the bumper compartment. But my H24 receiver does not have the "Out to TV" jack that apparently routes HD signals compatible with the television back into the trailer wiring. Since my TV is located at the same place as the wall jack I connected the Satellite receiver to the TV with an HDMI cable.

The following shows the modifications inside the cabinet and my receiver mounted on the wall behind my TV.

