



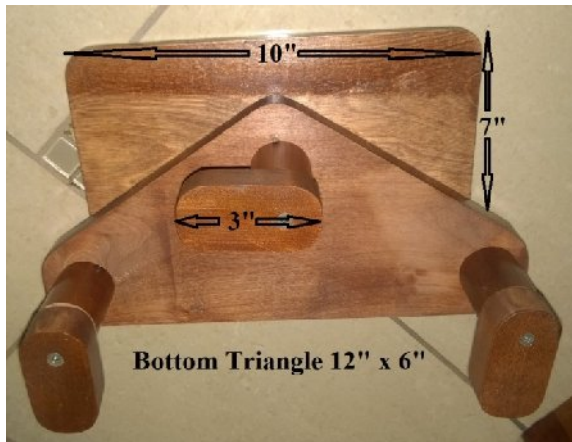
2010 43QGP Allegro Bus

12/15/2015

131 - FYI – LAZY SUSAN LAPTOP COMPUTER MOUNT. Silverleaf Electronics VMSPc software and hardware has been used on our last three coaches. The software is installed on a HP Laptop computer which is connected to the data port under the dash of the coach thru what Silverleaf calls a JIB. The JIB is a small piece of hardware manufactured by Silverleaf with two harness connectors. In our coach VMSPc is used to monitor over two dozen engine and coach parameters anytime the coach is on the road. This FYI file is not about Silverleaf rather it is about how the computer is mounted so the driver has easy access and display of the parameters. After purchasing our 2002 Fleetwood Bounder 39Z while attending a RV rally, I heard about VMSPc thru other coach owners. After researching and testing the VMSPc software (the software is free) the hardware was purchased thru another coach owner. Anyone can download the software from Silverleaf enabling them to play with the software prior to purchasing the hardware. Next I needed to find a method to mount the computer while still being able to see the computer's display while driving the coach. Fortunately all three coach dashes have been partially constructed of wood as seen in the following photo of our 2010 Allegro Buses dash.



While all three coach dash panels were not exactly the same the last two coaches (Tiffin's) were nearly identical making minor modifications to the Lazy Susan computer mount easy.



The computer mounting surface is constructed from $\frac{1}{2}$ plywood cut 10 inches long by 7 inches wide. To enable the mounting surface to turn one $1\frac{1}{2}$ inch wood screw was centered in the surface and screwed into the triangular mount. A flat washer was installed between the two wood surfaces to act as a bearing allowing the top surface to rotate, to make rotation stiffer the

screw can be tightened or loosened to allow easier turning.



The triangular bottom was cut $10\frac{1}{2}$ inches wide by 6 inches long. The two side corners are cut off making two sides 2 inches long with all five corners rounded. 3 pieces of $1\frac{1}{2}$ inch dowel were cut 2 inches long.

The three dowels were installed using 2 inch wood screws centered on the dowel (make sure the installed dowels will fit into the dash cup holders). The bottom surface and the three feet are cut from a piece of 1 inch thick salvaged alder wood from Tiffin's dumpster. The feet were cut three inches long by $1\frac{1}{2}$ inches wide with the four corners rounded.



The feet were installed on the dowels by using 2 inch long wood screws. Velcro strips were installed on the top surface and mating Velcro strips were installed on the bottom of the computer.

The feet were turned to allow the feet to slip down over the edge of the two cup holes. Then the three feet were swiveled to lock the mount in place.

Mount and computer used on three coaches with a combined travel mileage of over 150,000 miles.