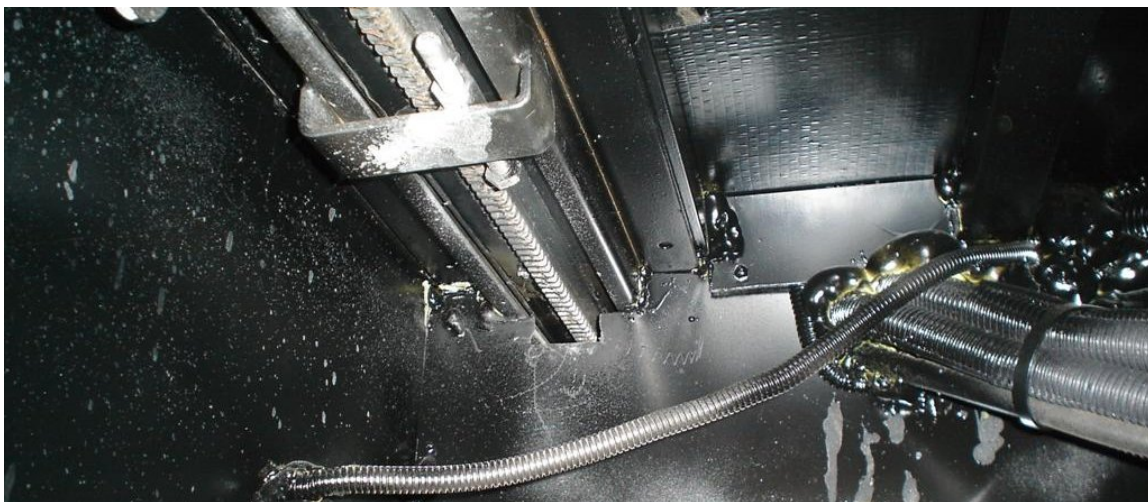




2010 43QGP Allegro Bus

7/4/2011

17 – FYI – Installing Air Filter for House Battery Compartment. I reduced the amount of air which can enter the house battery compartment. Tiffin had left about two square feet of open wall in the compartment to allow for air movement for the wet cell batteries to breath. I think that is just a little too much breathing which also allows a lot of dirt and other debris to enter the compartment. Once the debris enters the compartment the debris does not leave on its own. I began by enclosing most of the compartment leaving one five inch diameter hole in the back wall and another hole above the same size high in the compartment back wall, part of the slide mechanism.



The enclosed portion of the slide mechanism and cable entry/exit was covered in a previous modification (Modification # 24) to the house battery compartment.



Three inch thick heavy foam rubber was used for the filter material. The above piece was 14" x 13", which was cut into four pieces. One piece was inserted in the back wall of the driver's side house battery compartment. There is a second wall about 1 1/2 inches behind the first wall with the hole in it. I pushed the 7" x 6" piece of foam rubber up between the two walls. Now I have filtered air entering/exiting the house battery compartment at the lower back wall and non filtered air entering/exiting the upper back wall.

