



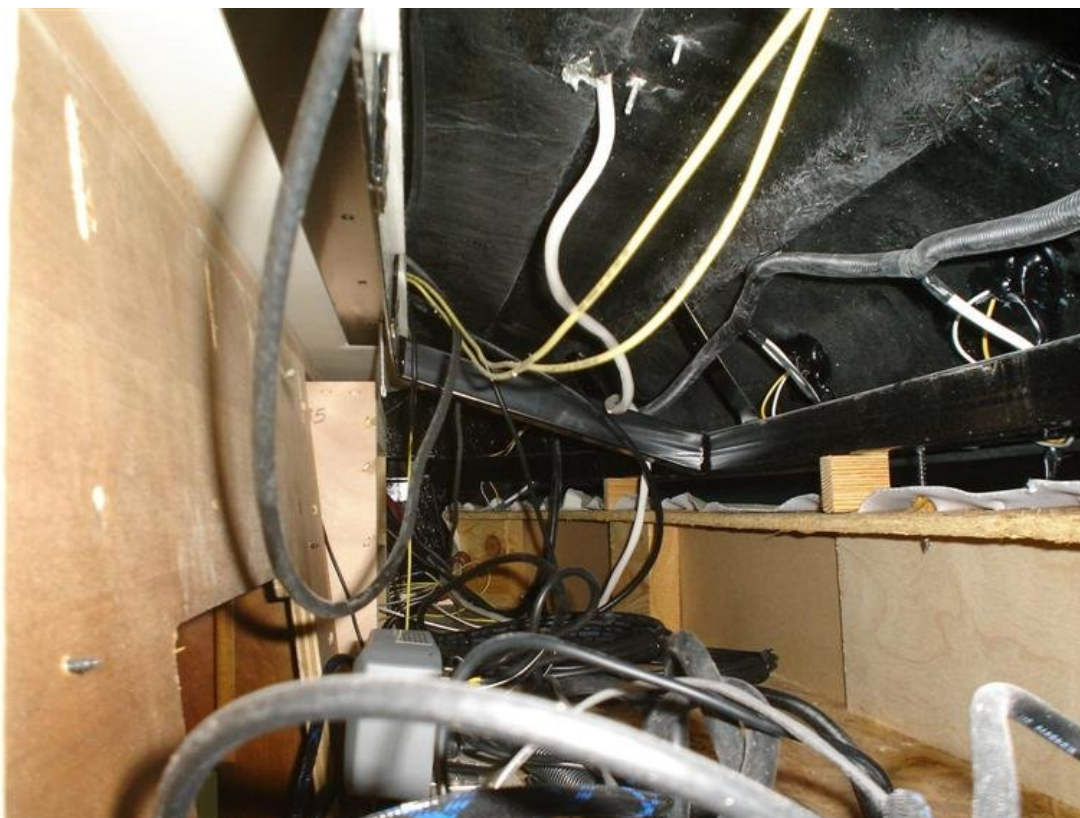
2010 43QGP Allegro Bus

4/24/2011

EIGHTEENTH - coach modification INSULATING THE COACH'S FRONT CAP.

The few trips we have taken in our new coach, I have been hearing things. When we first start off from an idle I hear a rumbling sound from the upper front cap area. Today I drafted Cathey and we removed the front overhead TV in order to track down what ever is making the noise. This also gives me the opportunity to clean up the area, tighten all of the coaxial connections and generally check the front cap.

Like with every construction project debris is left behind as long as it can be hidden. After removing the TV the general area was neatened up tie-wraps were used to tie everything together and neat. Wrenches were used to tighten all coax connections. A vacuum cleaner removed all of the Tiffin leftovers, after that the front cap was checked in hopes of finding the cause for the rumbling noise.



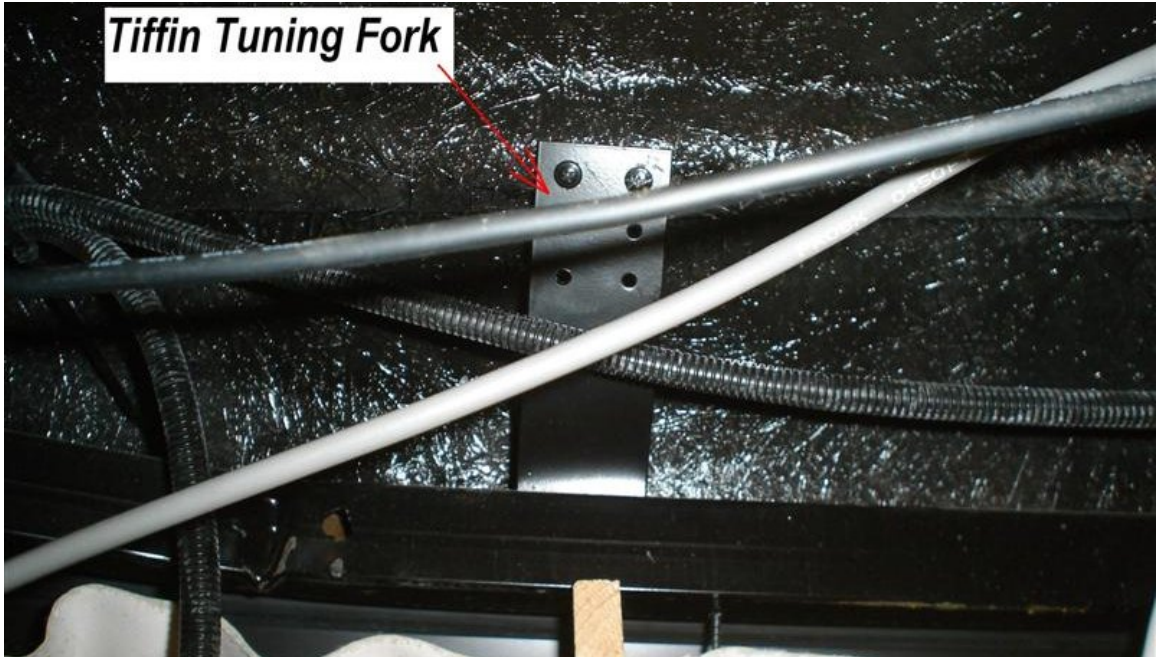
Inside front cap view, looking from passenger side to driver's side.

Inside front cap view, looking from driver's side to passenger side.



Two unsecured metal straps were found which are designed to be secured between the fiberglass front cap and the front cap's steel structural tubing these two straps had not been secured to the fiberglass cap. When the end of the metal strap was plucked a similar sound to a tuning fork just not as high in pitch was heard. Both metal straps were bent into place then secured to the fiberglass front cap with screws in hopes the rumbling sound had been found and now eliminated.

The next picture shows one of the two unsecured straps after it had been bent into place against the fiberglass of the front cap. After bending the straps into place they were secured using screws similar to the screws used by Tiffin on the other properly installed straps.



A roll of Johns Mansfield white insulation had been purchased to stuff into the front cap in hopes of reducing noise and to also reduce the heat/cold transfer through the front cap.

