



## 2010 43QGP Allegro Bus

1/6/2012

**EIGHTY-FOURTH** - coach modification – **WATER PROOFING THE DOCKING LIGHT ASSEMBLIES.** After arriving home from a recent trip I noticed a couple of the coach's docking lights had moisture inside the lens. The docking light with the most moisture was chosen for disassembled finding there is no seal to prevent water or moisture from entering the assembly when installed as Tiffin mounted them on our 2010 Allegro Bus. The assembly is mounted in the sidewall behind the front wheels and in front of the drive axle wheels all four assemblies are mounted with the open end upward and forward at about a 65 ° angle from the vertical.

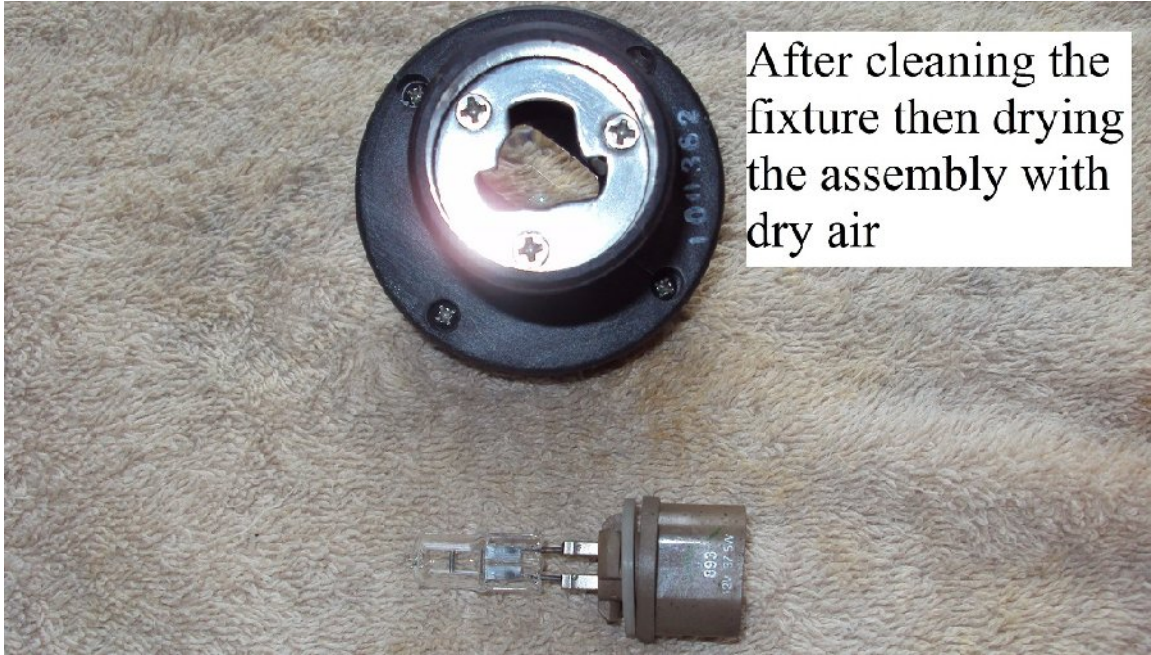


Docking Lights

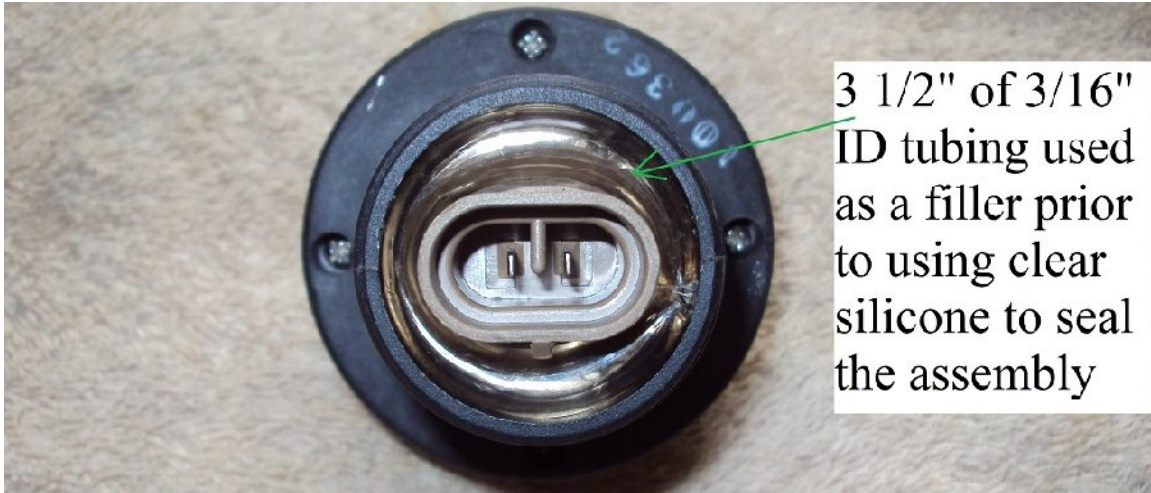


Collection of dirt after the water has dried out





After cleaning the fixture then drying the assembly with dry air



3 1/2" of 3/16" ID tubing used as a filler prior to using clear silicone to seal the assembly



The clear Silicone was allowed to cure overnight prior to re-assembly on the coach

In the future if water/moisture re-enters any assemble or the bulb requires replacement removing the tubing will allow for quick bulb replacement.