



2010 43QGP Allegro Bus

8/21/2013

NINETIETH - coach modification – **A/C CONDENSATE DRAIN COLLECTOR**. Tiffin installed three separate A/C condensate drains from the AC units routing them to the lower left corner of the coach's rear cap. That is good and bad, the good part is they are located together the bad part is they were cut off about two feet short IMO. When the condensate is draining the water runs off various components splattering over everything. I desire to place a bucket under the drains to collect the condensate rather than have the water run all over the garage floor, to do that the condensate needs to be controlled or collected.

I've read how other members have gone about collecting the condensate and rather than going to the expense they've encumbered I decided on a low cost simple modification to COLLECT the AC condensate into one drain.

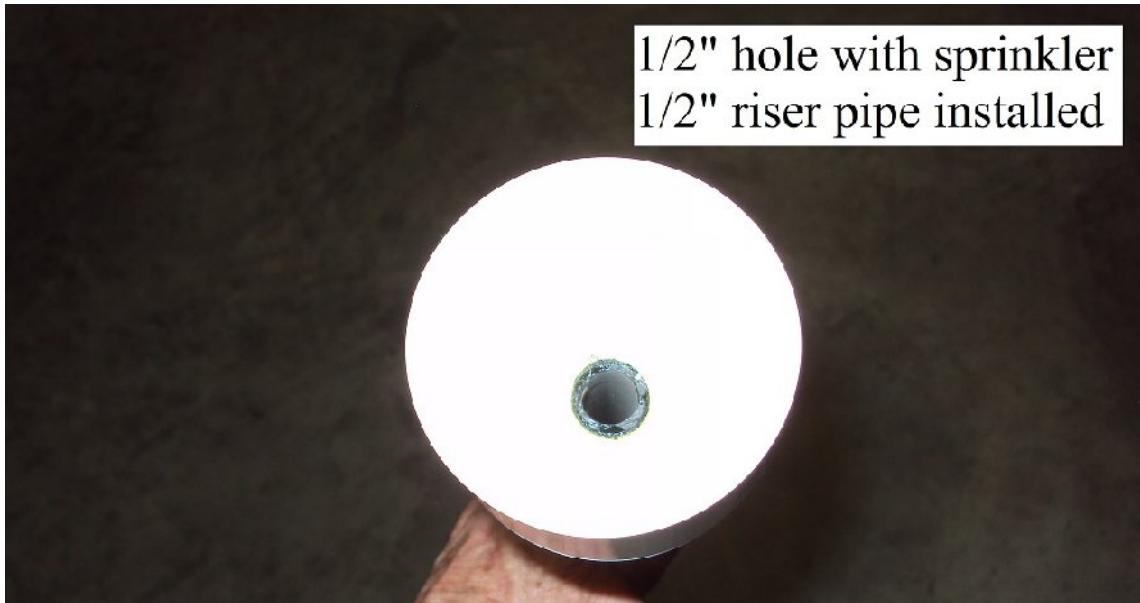
The few components for this modification consist of one 2" PVC pipe cap, 24" of 1/2" sprinkler riser pipe, a few anchor type zip ties and a few drops of contact cement.



The above photo shows the three condensate drain lines they terminate about two feet shorter than I think they should.

FWIW, a simple method to test the operation the individual AC unit condensate drain pumps is to turn ON one AC at a time allow it to run until the unit begins pumping condensate thru one of the drains. The drains on our coach are not lined up front, middle and rear so keep an eye out to determine

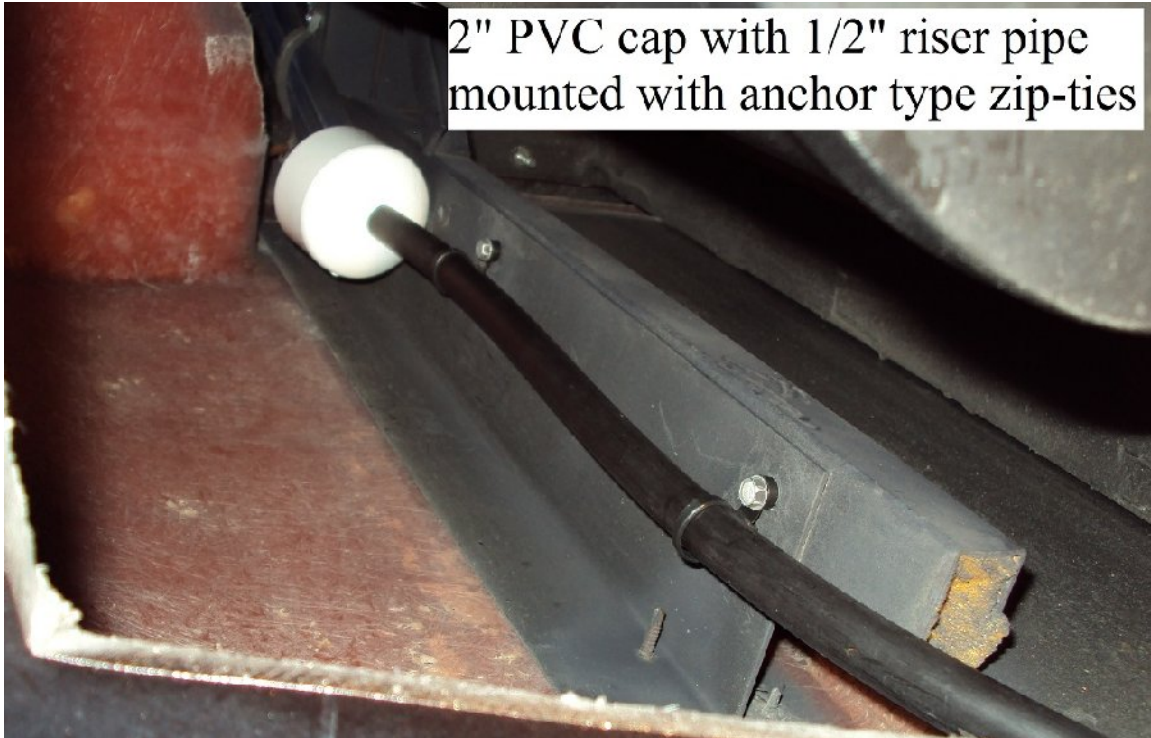
which drain is connected to which unit, his way you will be able to determine if all pumps are working without taking the shroud off the unit.



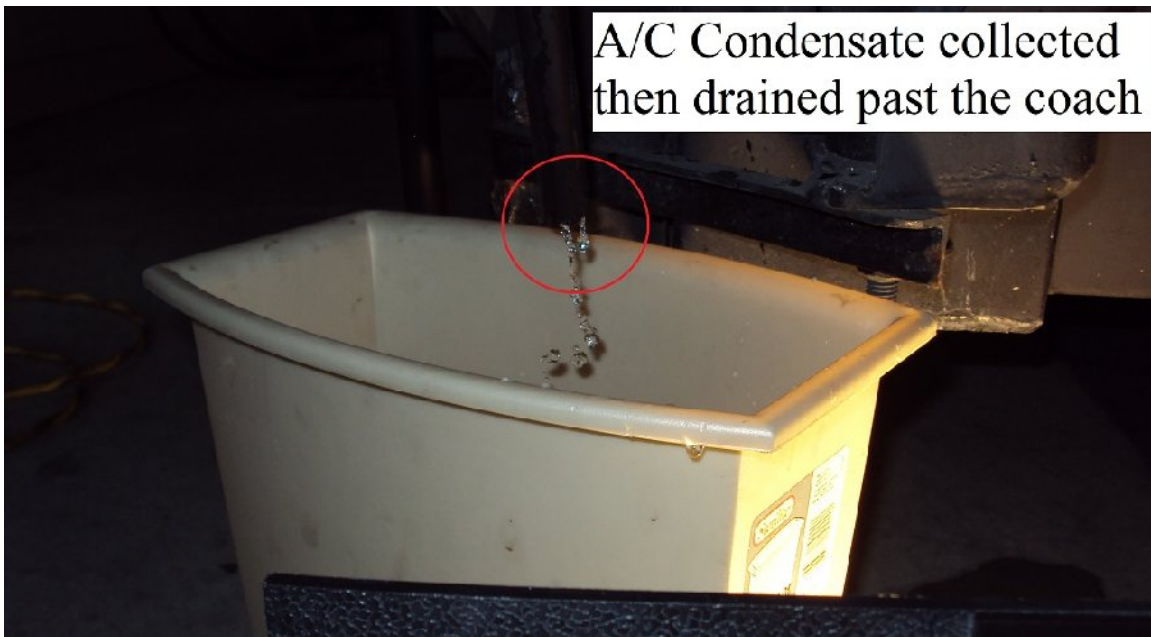
First a 1/2 hole was drilled thru the top center of the cap, the hole allows the 1/2" sprinkler riser pipe to be screwed up thru the hole projecting about a 1/32 of an inch above the bottom of the cap. A few drops of contact cement were applied and allowed to cure overnight.



Three of Tiffin's screws were removed to allow the zip ties to be anchored then reinstalled. The cap was not mounted against the duck bills to allow for proper drainage.



2" PVC cap with 1/2" riser pipe mounted with anchor type zip-ties



A/C Condensate collected then drained past the coach

As seen above a bucket or trash can be placed under the drain OR a hose may be connected to the drain and routed outside or to a drain.