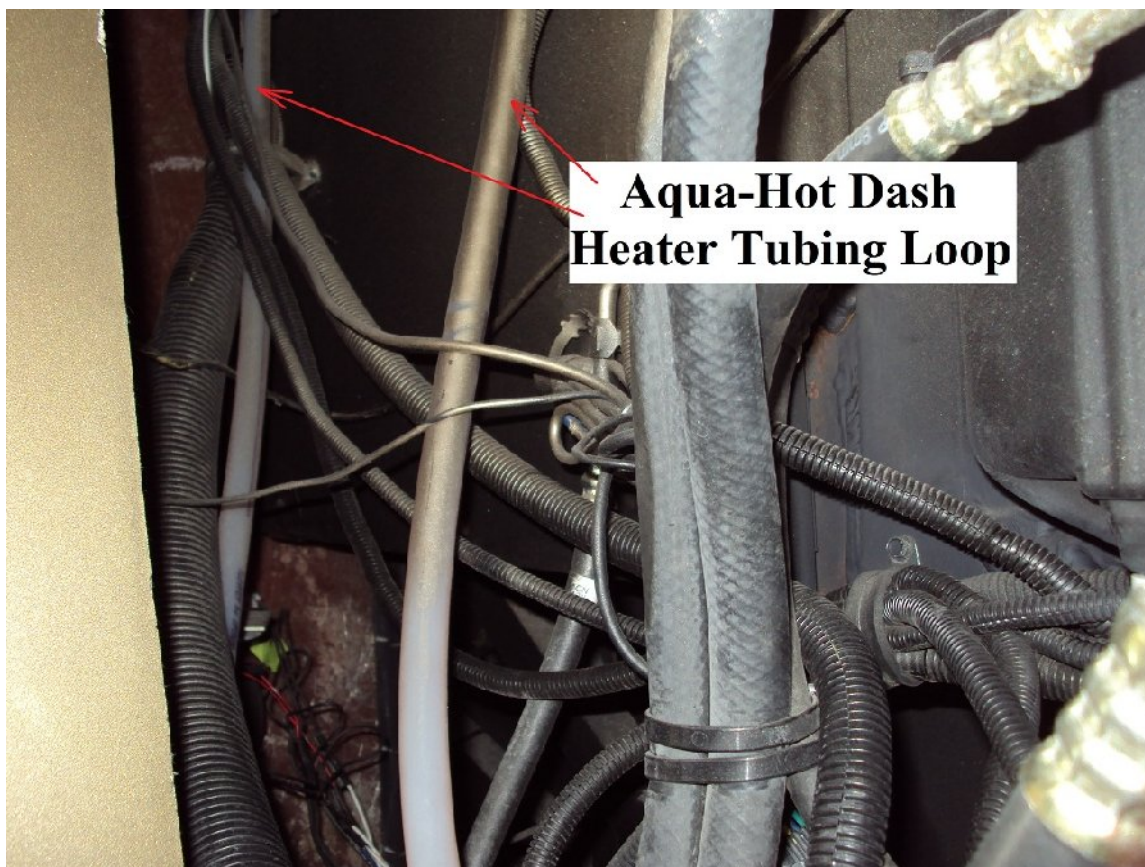




2010 43QGP Allegro Bus

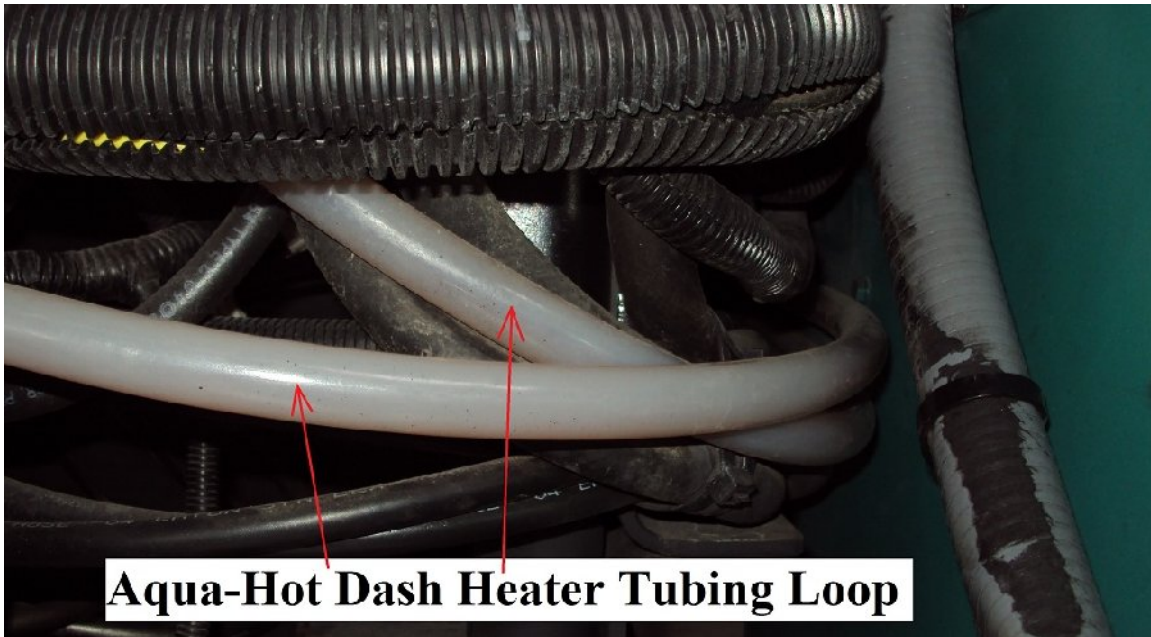
1/3/2013

SEVENTH-SECOND - coach modification – INSULATING THE AQUA-HOT'S DASH HEATER TUBING. During one of my quiet times I got to thinking about the heat loss from the Aqua-Hot's approximate 25 feet of tubing going to and from the dash cozy heat exchanger. The 25 feet of tubing is exposed to the elements while the rest of the Aqua-Hot's tubing is enclosed in the basement. While traveling the cold weather comes into direct contact with the 25 feet of tubing in the wind tunnel under the coach.

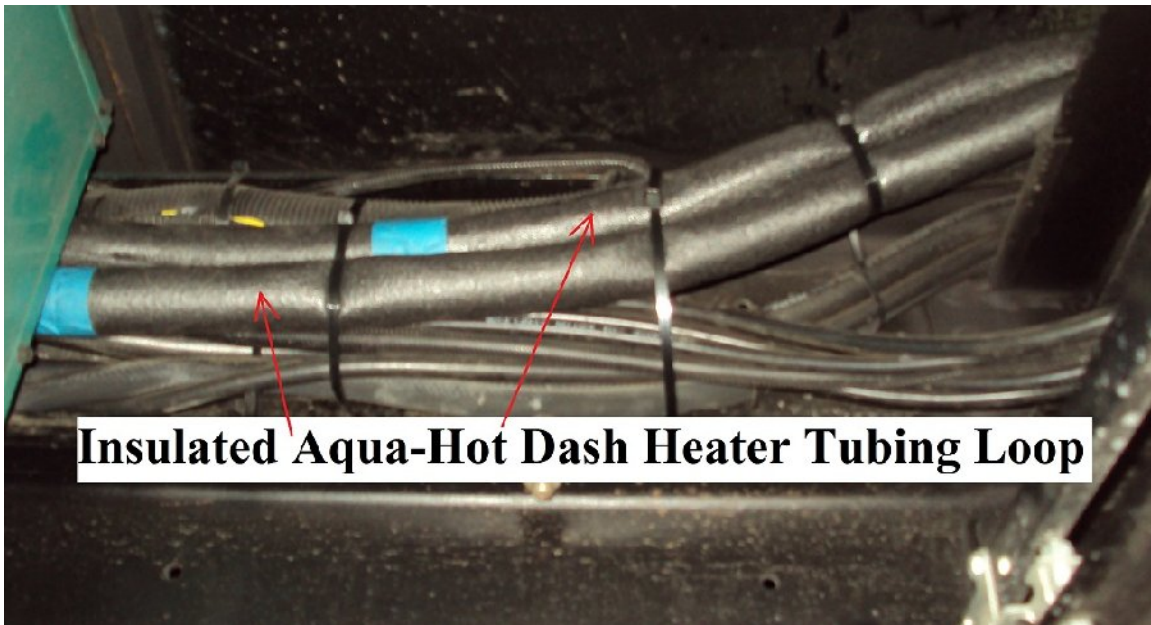


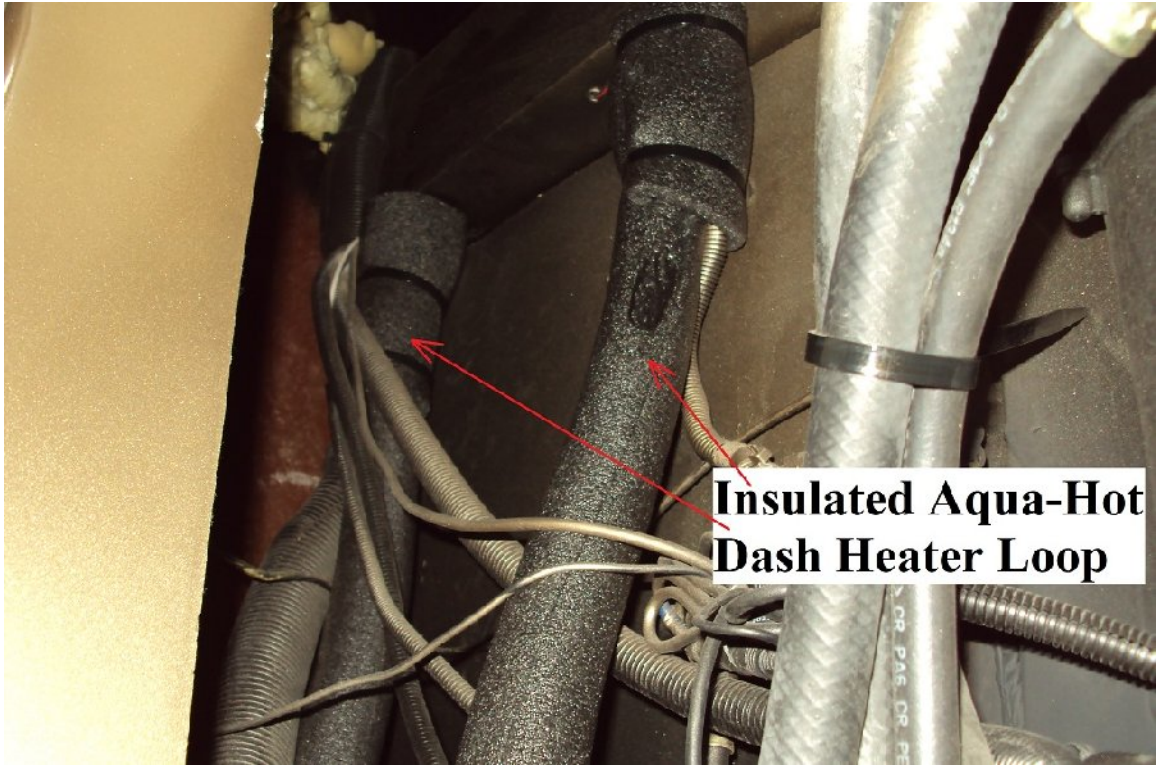
To insulate the dash Aqua-Hot heater tubing, 24 feet of 3/4" by 3/8" thick self-sealing insulated tubing was purchased from Lowe's for \$1.86 per six foot stick. Opening the generator slide allowed climbing under the motorhome I was able to access most of the tubing where it was routed inside the frame and along the side of the generator then over the top of the

coach's fuel tank before entering the basement area. The tie-wraps were cut to allow the tubing to be separated in all of the exposed area.



After separating the tubing, a stick of insulation was slid over the tubing removing the self-sealing tape about 6 inches at a time, sealing the insulation around the tubing. The photo below was taken after the first two six foot sticks had been slid over the tubing laid on top of the fuel tank. The blue painters tape connects the second stick of insulation to the first stick.





The self-sealing insulation seam can be seen in the above photo. After the insulation was installed the tubing was tie-wrapped to keep the lines from becoming damaged when the generator is slid in and out. Cost of this project \$ 7.96 plus cost of tie-wraps, still less than \$ 10.00 total expense. I expect the temperature difference, hotter in the cockpit will be noticeable.

