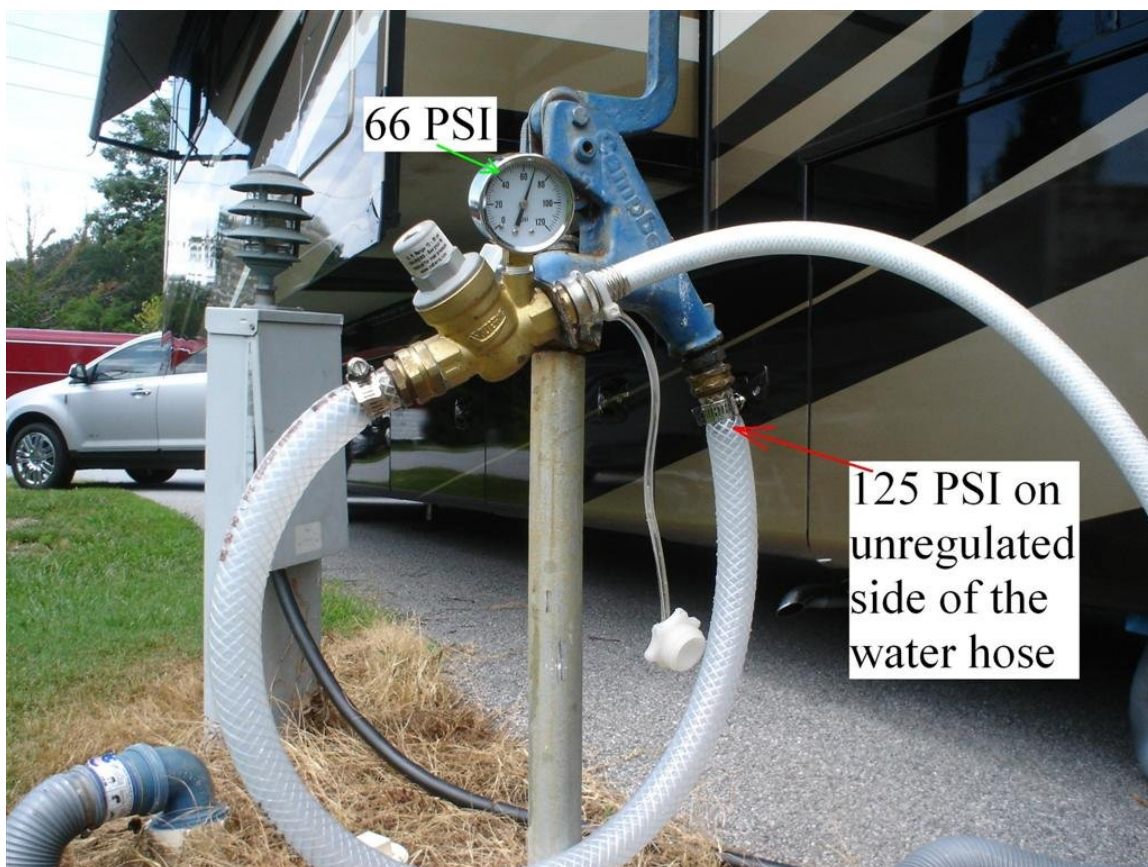




2010 43QGP Allegro Bus

7/25/2011

22 – FYI – **EXTERNAL WATER PRESSURE REGULATOR.** I observed Tiffin employees testing the coaches to over 100 PSI of air pressure while the coach is being built. The real purpose of the test is to make sure at the time of the test there is no loss of air pressure over a short period of time, which should also mean no water leaks. The time period may be as long as the time the unit is at that specific station on the assembly line. I do not doubt the PEX fittings and piping will withstand the test pressure and more, the problem I have is the white hose Tiffin is using to supply the water to the coach (Hose Reel) is also used to supply water to the ice maker and also to all sinks in the coach. Every major water drinking hose manufacture warns us to never leave the hose under pressure unobserved. Those hoses are not designed or built to handle water pressure which RV's are usually exposed to unless a regulator is installed in-line and upstream.



The pressure regulator was purchased from Camping World a few years ago for a little over \$40.00, at this time I believe the same unit would cost over \$50.00 now. The male fitting was removed and a 1/8" x 1 1/2" steel plate was installed between the regulator and the male fitting. That provides a secure location in which to lock the pressure regulator to something secure as in the above picture. The regulator was re-set from 45 PSI to 65 PSI.



Over the years we have been in a few campgrounds which have water systems capable of supplying water pressures in **EXCESS OF 150 PSI**. The above water pressure regulator was set up as an **EXTERNAL UNIT** in order to prevent having any water pressures **OVER 65 PSI INSIDE** our coach. IMO, there is no possible way the Tiffin supplied white water hose can with-stand a pressure of 150 PSI for any length of time.