

# PROPER SYSTEM TEST

- Verify the propane container(s) and all appliances are turned completely off.
- Connect the manometer or Low Pressure test kit to the service tap of the regulator.
- Open the service valve on the propane cylinder fully and bubble test all the connections at the regulator and manometer or Low Pressure test kit.
- For the leak test portion turn the cylinder valve off and reduce the pressure reading to 8" water column holding pressure for 3 minutes.
- If a drop in pressure occurs , check joints and other leakage points with approved leak detector solution fix and redo leak test.
- If no leaks occur move on to the flow and lock up portion of the test.
- Re-open the cylinder valve.
- Go and turn on the appliances that you have pre-determined to be **N** the flow rate of the trailer.
- Access the pressure adjustment screw on the regulator and slowly adjust the pressure to obtain exactly 11.0 water column inches on the manometer.
- Once the pressure stabilizes at 11.0 inches of water column, shut off the appliances that you have running, note the rise in pressure at the manometer due to regulator lock-up.
- If the lock-up pressure does not exceed 14.0 water column inches within three or four minutes, the regulator is deemed good and adjusted properly.
- If the gauge continues to climb over 14.0 water column inches then the regulator is bad. Replace it!
- Turn off the service valve on the propane container fully.
- Remove the manometer from the regulator and put the service tap plug back into the regulator.
- Open the service valve on the container, once again pressurizing the system.
- Bubble test all fittings that were "opened", verifying no leaks were created by using the test port. The system is now ready for appliance operation.

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!



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