

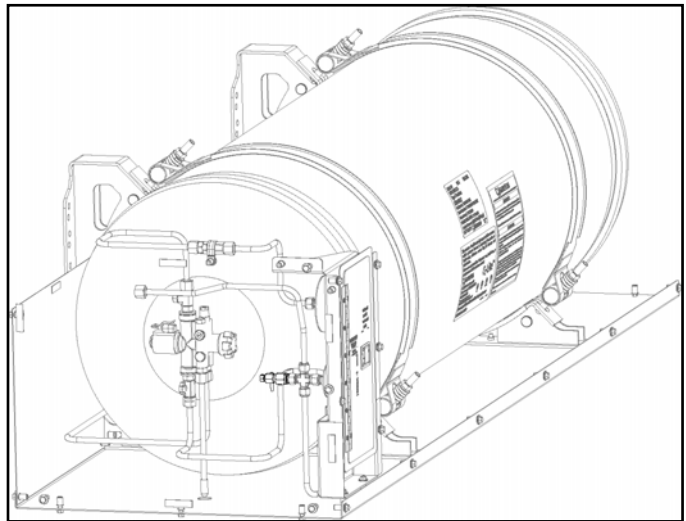
Procedure No.: SP-008
Date: November 5, 2013
Subject: CNG System Venting
Models: All Quantum Fuel Storage Modules

Background

Some customers may need to vent the Quantum fuel storage module plumbing for any number of reasons. This generic procedure is intended to provide sufficient information to safely vent any Quantum CNG Fuel Storage Module plumbing.

No special tools are required to perform this procedure.

The labor time required to perform this procedure is approximately 5 minutes but will vary depending on your fuel storage module configuration and installation.



Parts Information

None

Contact Information:

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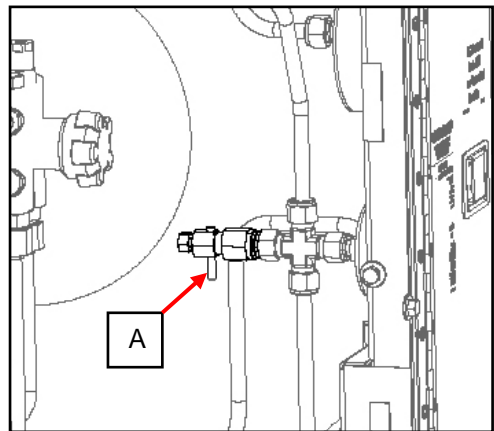
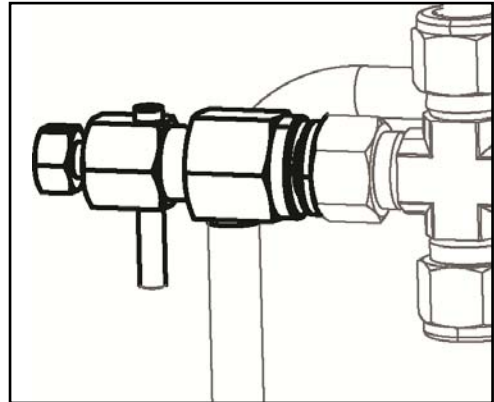
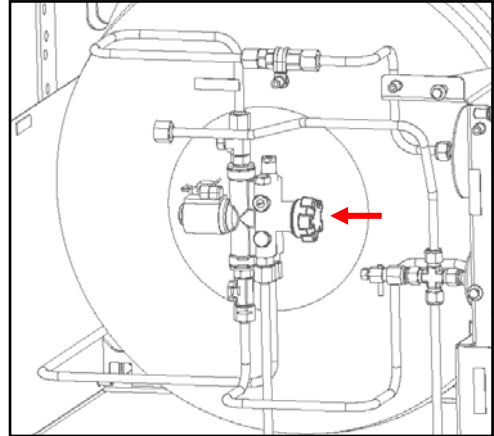
System Vent Procedure

The following procedure may be used to drain the fuel from any Quantum CNG fuel storage module and should not cause damage to the cylinder or any valve installed in a Quantum cylinder.

WARNING

Natural gas is highly flammable. In order to reduce the risk of fire and personal injury, keep sparks, flames, and smoking materials away from the vehicle while you perform any Compressed Natural Gas (CNG) fuel system service. Failure to follow this instruction may result in serious injury or death.

1. Verify the vehicle ignition is OFF.
2. Close the CNG cylinder manual shut off valve. (Valve type may vary).
3. Locate the vent valve in your fuel storage module. System configurations may vary.
4. Connect a vent line to the system vent valve port (A).
5. Route the vent line to a safe, non-hazardous location.
6. Verify the fuel system 1/4 turn valves are open.
7. Slowly open the vent valve bleed screw.
8. The CNG system has been vented when there is no longer audible gas flow from the vent line.
9. Close the vent valve bleed screw.
Torque 50 lb. in. \pm 10 lb. in (57 dNm \pm 11 dNm).
10. The high pressure side of the fuel storage module has now been vented and should be safe to service.



WARNING

There may be portions of the fuel system that may not have been vented or that have residual pressure. Always use caution when disconnecting high pressure fuel lines or fittings. Failure to follow this instruction may result in death or serious injury.