

 **ALWAYS FILL CONTAINER ON GROUND**  
TO REDUCE RISK OF STATIC CHARGE

1



Unthread the fuel canister from the XM42-M body.

4



Unscrew the pipe the rest of the way by hand. Retain the copper washer from the pipe's threads.

2



Be sure to keep pressure on the internal body plate; the female fitting inside the housing needs to stay put as the pipe is replaced.

5



Install the copper washer from Step 4 onto the new fitting's threads.

3



Use the included hex fitting tool to loosen the pipe.

6



Use the hex fitting tool to tighten the new fitting as well as you can by hand using the tool only.

If you experience any issues with your installation, contact us at [support@xm42.com](mailto:support@xm42.com) with a brief description of problem and we'll do everything we can to help!

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7



Carefully place one of the included copper flare seals onto the fitting.

8



Install one end of the braided hose onto the fitting. All parts are aluminum, be careful not to cross thread.

9



Tighten the fitting using an AN wrench designed for -6AN fittings, or a standard 11/16" open-ended wrench. Do not over-tighten, as all parties involved are aluminum.

10



Install a copper flare seal onto the backpack's fitting. Thread the other end of the braided hose onto the backpack's fitting and tighten securely.

**Additional Notes**

Always inspect all fittings and sight gauge seals/hose for leaks before use.

Keep backpack upright when filled to mitigate chance of leak through check valve on cap.

Remove fill cap slowly to vent pressure without causing fuel to spray.

Avoid storing filled with fuel. Keep empty until ready to use. Pressure can build and force fuel to leak from nozzle between uses or during transport.

AN fittings are designed to seal without requiring a copper seal, but we prefer all fittings to be as tight as possible to help prevent accidental loosening.

If you require replacement copper flares, contact us. Our website will have them available as well soon.

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