

MAKING AN AIR TANK FROM A PROPANE TANK

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WARNING!

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Propane is a highly flammable gas. It is **EXPLOSIVE** when mixed with air. Make sure that the tank is completely purged of all propane before performing any modification. If you have any doubt about your ability to purge the tank correctly, **DO NOT PROCEED!**

Instruction for converting a propane tanks in to an air tank.

1. Use or remove all propane.
2. Inspect the tank for dints or rust pits at the attachment points. If there are none the tank is ok and you have a 250 psi rated pressure tank. Since it had propane in it there shouldn't be any internal rust.
3. Remove the valve then set the tank in the sun to evaporate as much of the residual propane as possible.
4. Wash it out with a little Varsol solvent. Read the ExxonMobil MSD sheet linked below.

(http://www.exxonmobilchemical.com/Public_Products/Fluids/Aliphatics/Worldwide/Grades_and_Datasheets/Fluids_Aliphatics_VarsolNaphtha_Grades_WW.asp)

Pour it in, plug the port with a 3/4 " pipe plug and roll the tank around to wet all surfaces. Then remove the plug and pour the solvent out repeat until the solvent comes out clean.

5. Stand the tank with the valve end down and drain it over night, warm it in the sun and pour in some good rust inhibitor and repeat the sloshing. Pour out the excess, sun dry and when warm pour in some good exterior metal paint, slosh, pour out the excess and repeat until you have 3 coats of paint covering the interior.
6. Plumb your tank and mount it with the port at the bottom so moisture cannot collect in the tank.

Never weld or drill on the tank. Make a mount and clamp it with a band.