

Filling Tractor Tires with Windshield Washer Fluid

By John from Carmel, New York



Parts and Materials Needed:

- Small fluid pump, with garden hose connectors on input and output
- Garden Hose Y-connector for output side of pump
- Length of old garden hose that can be cut and sized to suit needs
- Garden hose repair ends (2 male, 2 female) for ends of the two hoses
- Garden hose sprayer to attach to Y-connector to burp air from the output hose
- Tire valve adaptor for end of hose that connects to the tire's air valve. These can be found at NAPA, or ordered from Gemplers (<http://www.gemplers.com/product/AQF1/Quick-Fill-Tractor-Tire-Attachment>). Note – this one has an air escape valve, so the Y-connector and hose sprayer may not be necessary. There was a report that the one from NAPA leaked, so the author plugged it and connected the Y-connector and hose sprayer as an alternative way to relieve air pressure.
- Container for fluid to fill tractor tires with – the one in the picture is a dehumidifier tub that has a washing machine hose adapter installed to drain it.
- 40-46 gallons of fluid (windshield washer, RV anti-freeze, etc.) for standard size N-tractor rear tires. If you use wider/taller tires, you will need more.

Notes on using this process:

No matter what I did, the burp valve on the NAPA tire valve adapter leaked from the burp button. It probably leaked 50% of the first gallon. What I did at that point was to fashion my own burp mechanism. I removed the air release button from the burp valve and plugged it, got a Y connector for a garden hose, on one of the Y's I put the yellow garden sprayer, on the other went the output to the modified burp valve connected to the tire (I used a longer hose than pictured here).

I took the third connection to the Y and put that on the output of a small garden hose size pump, the inlet to the pump was connected to a 2 1/2 gallon basin of a dehumidifier which accepts a washing machine hose connection.

Using the pump I was able to pressurize the tires with 6-8 gallons of windshield washer fluid before needing to stop the pump and release air through the yellow spray gun, and when I did that, I locked the trigger in the open position so I was able to get other things done while releasing air.



*Best internet source
of information and help
for old Ford tractors.*

www.ntractorclub.com