

# Rodding Out an N Tractor Radiator

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By: Dave Smith

This radiator came on my 1941 9N when I bought it.

The filler neck was missing from it, so I replaced it with another good used radiator.

It had been setting on my shop floor for a bunch of years and I thought I would repair it. It did not leak when it was on the 9N

First I unsoldered the top tank using a propane torch and air. When doing this be sure to wear protective clothing and face shield and be aware of where you are blowing the molten solder to.



There are exactly 100 tubes in this radiator. Also notice that there are more tubes in the front of the radiator than in the center or rear. Also the rear has more tubes on the right than on the left.

I used a piece of plastic banding to shove through the tubes. One tube had been damaged in the past and had been soldered off. All the rest I had no problem getting the band through. The plastic band fit the tubes very nicely.



Then I took the radiator to the laundry tub and scrubbed it and ran hot water with detergent (Purple Power) through the tubes. After a good cleaning, I soldered the top tank back on and soldered on a filler neck.

Now to pressure test it. I do not have a pressure regulator that I can set low enough to use here. So I plugged the inlet and outlet openings. While I blew compressed air into the filler neck, I had a helper spray soapy water all over the radiator to detect bubbles or leaks.

After washing again with hot water and detergent I painted it flat black.

