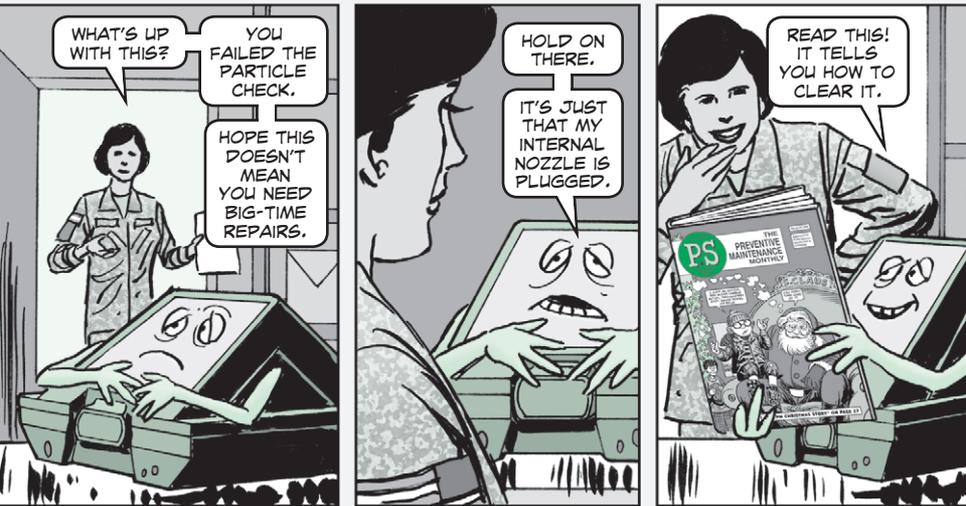


Unclogging Clogged Nozzle



A clogged internal nozzle on the M41 protection assessment test system (PATS) causes a low (maybe zero) ambient particle count, which causes the particle check/particle count to fail. That stops mask testing.

But there are a couple of easy fixes you can use to unplug that clogged nozzle:

First, try compressed air. Get a can of compressed air with a long straw that attaches to its nozzle. Most stores have the air cans in their computer section. NSN 7930-01-398-2473 gets six 10-oz cans of compressed air.

Turn off the PATS and remove the alcohol cartridge. Gently insert the long straw into the PATS as far as it will go with the straw centered in the cavity. The internal nozzle is at the far end of the cavity. Give the nozzle two or three bursts of air.

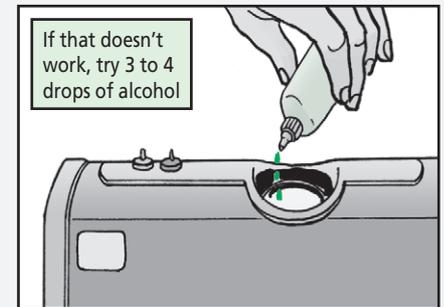
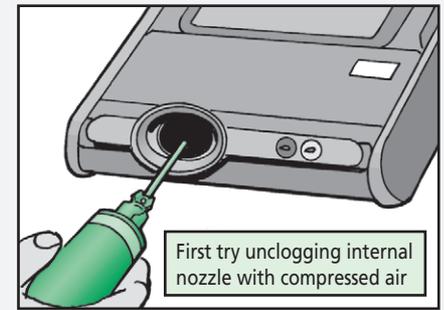
Reinsert the alcohol cartridge and turn on the PATS. Do the daily checks. If you still get a particle check/particle count failure, time for Plan B.

Turn off the PATS and remove the alcohol cartridge. Turn and hold the PATS on end so that you can look down into the cartridge cavity. Take a bottle of the reagent alcohol used with PATS and drip three to four drops down into the cavity. Try to keep the drops centered so they don't hit the sides of the cavity. Don't let more than a few drops go down the cavity. One well-placed drip is enough.

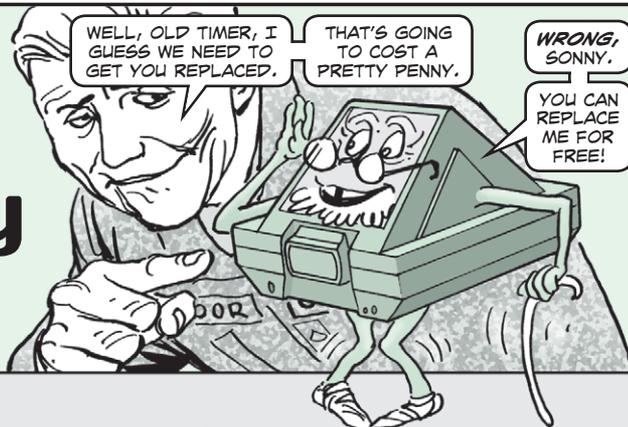
Keep the PATS in the vertical position for five minutes so the alcohol can soften or dissolve the blockage.

Put the PATS in its normal operating position and perform the procedure with compressed air again. No luck? Try the nozzle procedure in WP 0014 00 in TM 3-4240-349-12&P.

If PATS still fails the particle check/particle count, it's time to call the experts. Contact the JPEO CB Hotline at (866) 476-8404 or TMDE at DSN 788-8546, (256) 842-8546.



No Need to Buy PATS



When they need a replacement M41 protection assessment test system (PATS), some units are buying a new one directly from the manufacturer. That's a waste of unit money.

The Army has plenty of M41s stored at depots. If your unit is authorized PATS, you can get one of these stored units for free!

If you need help requisitioning a PATS, NSN 4240-01-365-8241, contact your MACOM's UIC information officer. To find who that is, go to: <https://liw.logsa.army.mil/> and log in with your CAC card. Then under FORCE, click on **MACOM UIC Info Officer**.

Your command's UIC will be listed there along with the contact's phone number.

You can also contact the PATS inventory management specialist at DSN 793-3033, (309) 782-3033, or email: @us.army.mil