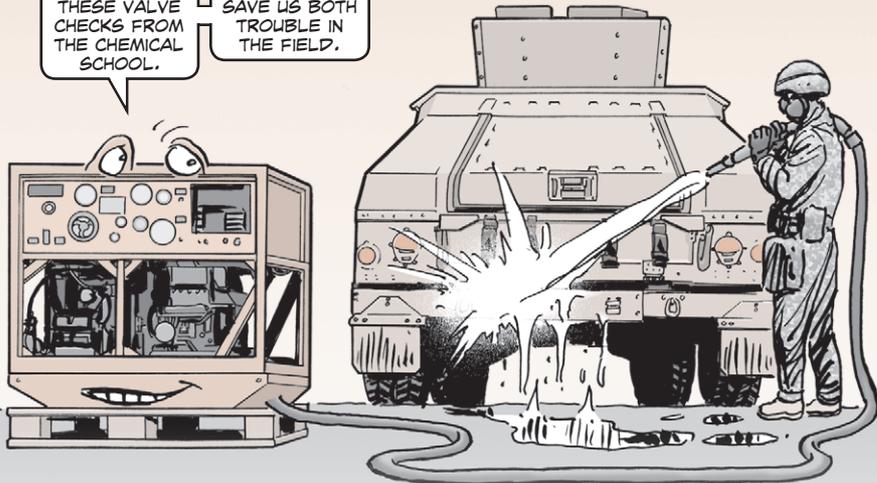


# Valuable Valve Checks

CHECK OUT THESE VALVE CHECKS FROM THE CHEMICAL SCHOOL.

THEY WILL SAVE US BOTH TROUBLE IN THE FIELD.

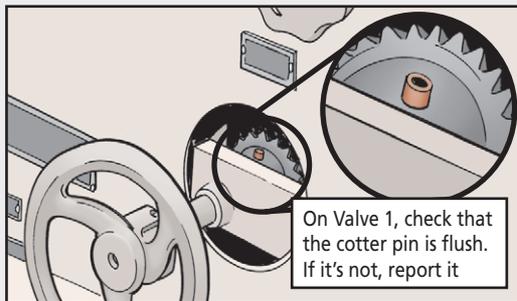


Dear Editor,

Any M12A1 decon that sees much deconning will almost always have trouble with Valves 1 and 4. Both valves are turned on and off many times and that causes their parts to wear out. PMCS usually doesn't catch valve problems until the valves just quit working. Then you can't decon.

Here are a few ways to catch valve problems before they become fatal:

With Valve 1, the trouble is usually the cotter pin that connects the valve to the gear. If the pin works out, the gear won't engage when you turn the valve. The solution is simple. During PMCS, look to see if the cotter pin is flush. If it's sticking out, tell your repairman. It needs to be replaced.

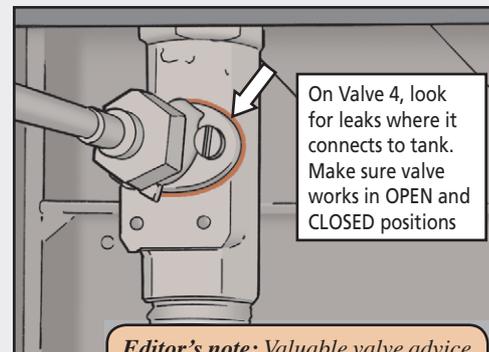


On Valve 1, check that the cotter pin is flush. If it's not, report it

With Valve 4, it's not so simple. It connects to a ball valve inside the prime detergent tank where you can't inspect it. The screws for the ball valve housing work loose and then the valve can't engage the ball valve. This can also cause leaks in the pump.

The best way to spot Valve 4 trouble is to fill up the detergent tank with water. Put the valve in the OPEN position and look for leaks where it connects to the tank. If there are no leaks, make sure the tank drains when the valve is in the OPEN position and stops draining in the CLOSED position. If you spot any problems, tell your repairman.

SSG  
US Army Chemical School  
Ft Leonard Wood, MO



On Valve 4, look for leaks where it connects to tank. Make sure valve works in OPEN and CLOSED positions

*Editor's note: Valuable valve advice for deconners, Sergeant. Thanks.*

ICAM...

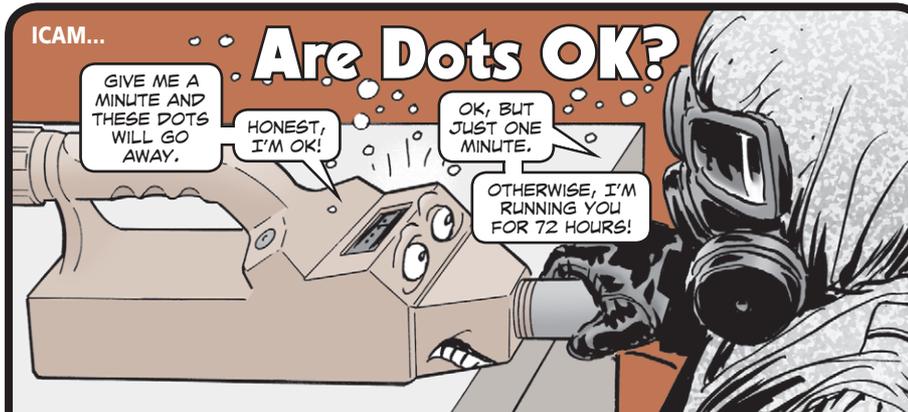
## Are Dots OK?

GIVE ME A MINUTE AND THESE DOTS WILL GO AWAY.

HONEST, I'M OK!

OK, BUT JUST ONE MINUTE.

OTHERWISE, I'M RUNNING YOU FOR 72 HOURS!



Dear Half-Mast,

We have been taught that the dots on our ICAM (Improved chemical agent monitor) are supposed to disappear from the display once the WAIT light goes off. But with some of our ICAMs, the dots don't disappear until about a minute after the WAIT light goes off. Are these ICAMs OK or should we send them to maintenance?

SSG T.C.

Dear Sergeant T.C.,

As long as the dots disappear within a minute, your ICAM is OK. If the dots don't disappear, install a nozzle cap and run the ICAM for 72 hours. Then do the self-test and confidence test again. Dots still won't go away? Your ICAM needs to go to direct support for a checkup.

*Half-Mast*