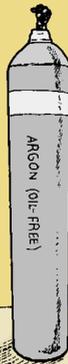


Don't Cry Over Cryogenics

Repairmen will be left crying over the cryogenics in their Avenger, Stinger, Air-to-Air-Stinger (ATAS), or Linebacker missile systems if they miss this PM:

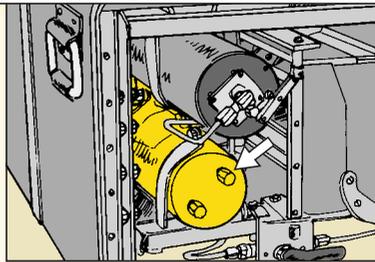
Use only the purest argon gas. NSN 9135-00-882-1793 brings argon that's 99.99 percent pure. That's what your missile system needs. Anything less than pure argon will soon cause the cryogenics to stop working, which means you won't be hitting many targets.

Use only purest Argon



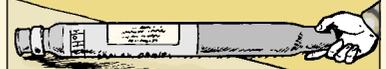
Do the PMCS called for on the 2-liter argon reservoirs in the -23 TMs for these systems...and no more. The reservoirs must be repaired in an antiseptic room under controlled conditions. Otherwise, they'll be contaminated and repairs can only be done at depot. If you spot reservoir problems during PMCS, don't try to fix them yourself.

Do PMCS on argon reservoirs—and no more!



Regularly change the dessicant cartridge in the GCU-31 gas charging unit. Do it every 60 days when you're operating or every 180 days when you're not operating, like it says in your PMCS. If you don't, water vapor contaminates the argon. See Para 6-17 in TM 9-1450-1431-14&P for instructions on replacing the cartridge, NSN 4440-01-249-8864. Remember to give the backup ring and preformed packing only a light coat of Type III grease, NSN 9150-00-961-8995. If you use too much, the cryogenics system will clog.

Change dessicant cartridge every 60 days of operation



And don't forget to purge the system after you change the cartridge. Otherwise, the cryogenics will be contaminated.

UH-OH! MAYBE I SHOULDN'T HAVE USED THAT CHEAP ARGON!



I DON'T GET IT, WE JUST CHARGED YOUR CRYGENIC SYSTEM!



I DON'T KNOW WHAT TO TELL YOU! I'M HOT AND SWEATY. MAYBE IT'S THE FLU?!

