

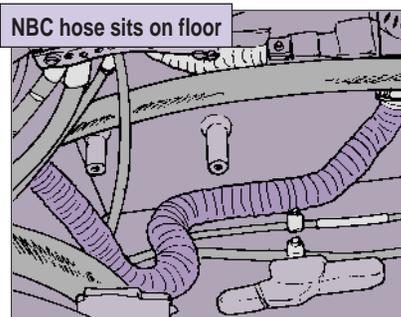
Hose Down Hose Problems

Dear Editor,

During our tanks' annual services, I noticed that the driver's NBC hose takes a lot of abuse.

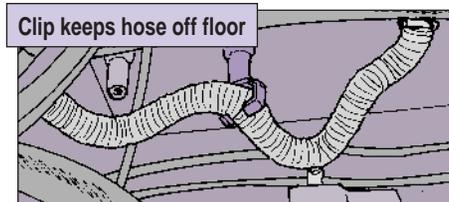
When stowed properly, the hose lies on the floor. That means it can be crushed when the driver's seat is lowered. It also means that it gets exposed to water, dirt, hydraulic fluid (FRH) and other gunk. It doesn't take long for the hose to deteriorate.

On top of that, the driver has to connect his M42A1 chemical protective mask to the hose when operating in NBC mode. A contaminated hose puts the driver's health at risk. FRH fumes can cause anything from irritation to permanent lung injury.



We've solved this problem by installing a spring clip to the standoff on the hull wall near the NBC hose. We then secure the hose in the clip, which keeps it off the floor and out of harm's way.

Attach the spring clip, NSN 5340-00-060-9344, to the standoff using a lock washer, NSN 5310-00-682-5930, and hex head bolt, NSN 5305-00-071-2506.



You may need to enlarge the mounting hole on the clip. Just drill it out with a 1/4-in bit. Also, crimp the clip's flanges slightly so it holds the hose securely.

Replacing the hose, air duct and quick-disconnect will cost more than \$55, not to mention the possible health concerns. Our fix costs less than \$3.50.

SFC Brian Brashear
MATES, WAARNG
Yakima, WA

FROM THE DESK OF THE Editor 
Now that's an idea to "clip" and keep! Good job!



Don't Forget Scavenger Fan

Mechanics, a working precleaner scavenger fan is critical to keeping the Abrams' air induction system up and running.

All it takes to knock out the fan is a small rock or chunk of dirt. If a rock gets sucked into the scavenger fan, it can jam between the fan blades and the housing. The sudden stop snaps the hollow aluminum fan shaft.

With no fan, dirt, leaves and other debris that collect on the precleaner don't get removed. Then the V-packs get clogged faster than normal and pretty soon the tank's out of business.

If you're getting a lot of complaints about V-packs clogging too quickly, make the scavenger fan shaft one of your first checks. If it's broken, replace it.

