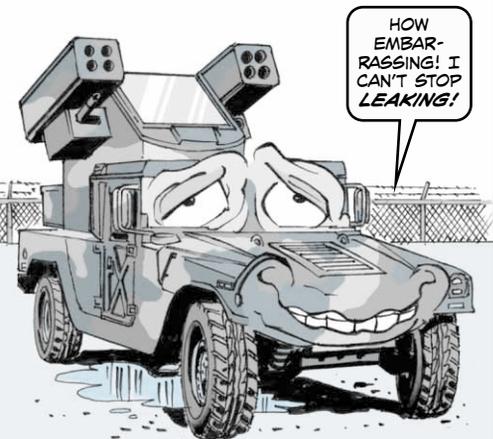


PLUGGING LEAKS IN YOUR AVENGER



FUEL AND OIL
LEAKS IN YOUR
AVENGER MISSILE
SYSTEM ARE **BAD
NEWS**. THEY HURT
PERFORMANCE AND
MAKE A MESS.

THE **GOOD
NEWS** IS THAT
THE TWO MOST
COMMON LEAKS
CAN EASILY BE
FIXED!

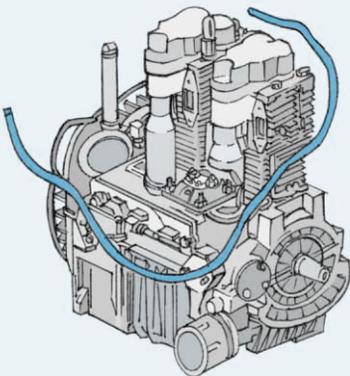


FUEL:

The hose that runs from the injector pump to the injector assembly and the bypass hose that runs from one injector to the other are often leakers. These hoses often crack from age and high temperature.

If either hose leaks on your Avenger, **don't** replace it with the hose listed for Items 31 and 35 in Fig 12 in TM 9-1440-433-24P (Sep 98). AMCOM has come up with a more durable hose that you can order with spec data SAE 30R7 3/16 inch and part number 2230-0187 from Abbott Rubber Co at (800) 852-1855. Or you can get the hose at your local auto supply. You will need an 18-in hose for Item 31 and a 6-in hose for Item 35. The new hose will be added to the TM 9-1440-433-24P.

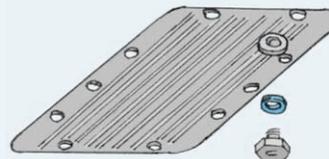
If injector or bypass hose is leaking,
replace it with new, improved hose



OIL:

The Avenger often leaks where the oil pan plug screws into the engine oil pan. That's usually because the plug gasket wasn't changed when the oil was changed. The gasket cracks or tears and the plug starts to leak. Whenever you change oil, change the gasket, NSN 5330-01-101-8076. It's also a good idea to change the oil filter when you change the oil to keep the oil clean longer. Changing the gasket and filter are being added to the steps on changing engine oil in Para 19-43 in TM 9-1440-433-24-2.

Change oil plug gasket
when you change oil



If a new gasket doesn't cure a leaking oil pan plug, the oil pan's threads have probably been stripped by the plug being cross-threaded.

THAT
MEANS IT'S
TIME FOR A
NEW PAN.



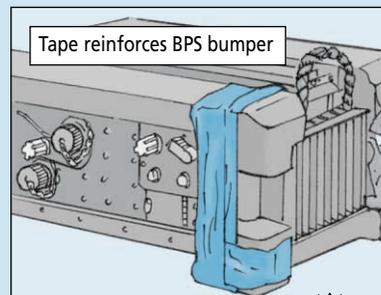
A BIT OF TAPE PROTECTS BATTERY



Dear Editor,

This suggestion will help missilemen keep their ITAS systems empowered.

The battery power source (BPS) bumpers get knocked off frequently and then the BPS has less shock protection. The BPS has to go to direct support for bumper replacement. I've found just wrapping 100-mph or duct tape over the bumpers top to bottom gives the bumpers more strength to withstand knocks.



SGT Joseph Nemeck
B Co, 407d FSF
Ft Bragg, NC

