

JBPDS BIDS...

# GENERATING GENERATOR SOLUTIONS

I'M RUNNIN' LOW ON POWER HERE.

HOW ABOUT GENERATING SOME GENERATOR PM SO I CAN REALLY CRANK INTO ACTION.

Dear Editor,

The generator for JBPDS BIDS (joint biological point detection system biological integrated detection system) can die if you don't treat it with care. Unfortunately, it's often ignored and as a result suffers. My former unit lost six generators.

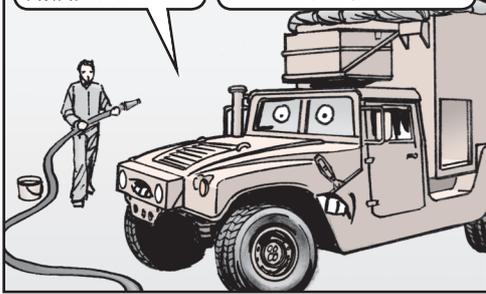
But there are some easy ways to keep the BIDS generator generating:

**Don't use high pressure water hoses around the generator.** The generator is surrounded by fireproofing foam. High pressure water knocks off chunks of the foam and the foam is sucked into the air cleaner, which can prevent the generator from getting enough air.

It's a good idea to keep an eye on the foam. If it's crumbling, tell your repairman. He may need to replace it.

KEEP THAT HIGH PRESSURE STUFF AWAY FROM ME.

ALL THAT WATER KNOCKS MY FIREPROOFING FOAM LOOSE.



**Pull out part of the exhaust hose before you slide out generator.** If you don't first pull out 3-4 feet of the exhaust hose to give the hose some slack, the hose's coupling may tear the hose when you pull out the generator tray.

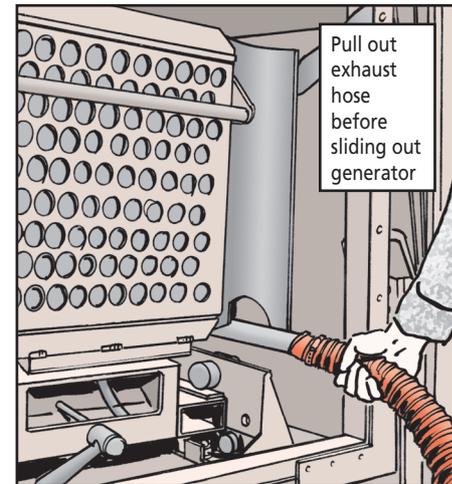
**Keep an eye on the exhaust hose's wrapping.** The generator's vibration can cause the wrapping to unravel to the point it catches in the generator fan.

**Clean the back of the radiator every six months.** This is critical if you're operating in a sandy environment like the desert. Oil and sand collect on the backside of the radiator. If it gets too dirty, the radiator can't cool the generator and it overheats. That can kill the generator.

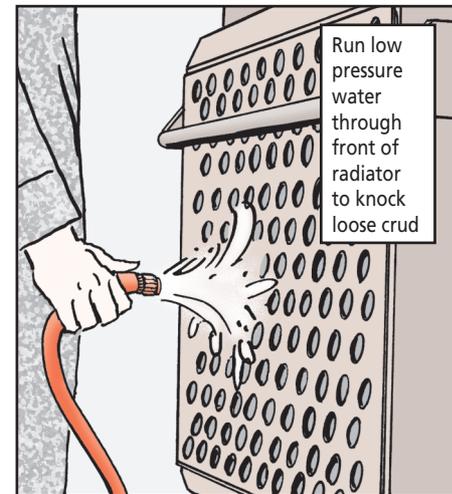
The fan guard makes it difficult to clean the back of the radiator. Your repairman will need to remove the fan guard, which is held on by several screws. Spray low-pressure water through the front of the radiator to loosen up the gunk. Then use something like a playing card to scrape the gunk off. Don't use anything metallic that could damage the radiator coils.

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Pull out exhaust hose before sliding out generator



Run low pressure water through front of radiator to knock loose crud



**Editor's note:** Some powerful generator PM, Sergeant. JPDS BIDS operators also should keep the generator stowed except when they need to pull it out for maintenance. That protects it from dirt, moisture and other stuff that can cause problems. And make sure the HMMWV fuel tank is full before operations. If it runs out of fuel, so does the generator. Then your mechanic has to bleed the air from the generator fuel system.