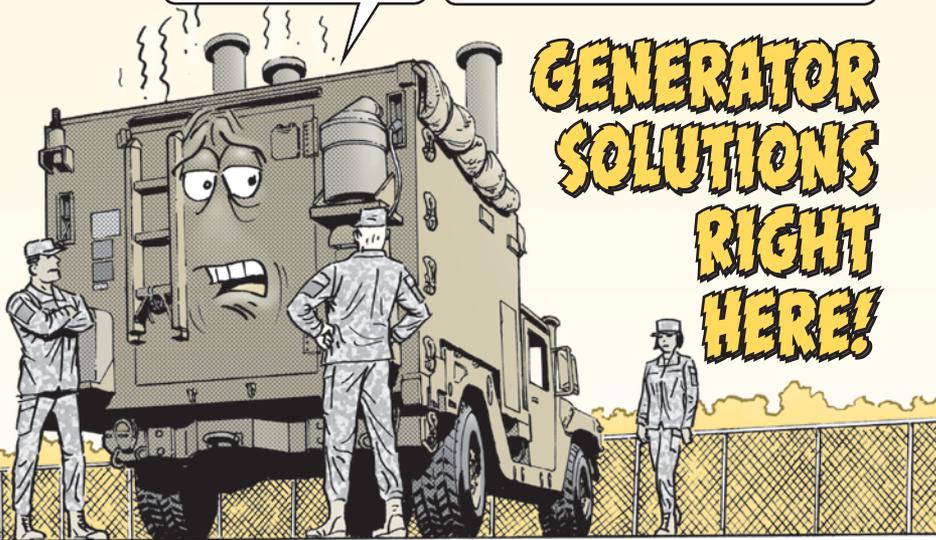


JBPDS BIDS...

I'M RUNNIN' LOW ON POWER HERE, YOU GUYS.

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

GENERATOR SOLUTIONS RIGHT HERE!



IF THE GENERATOR FOR THE JBPDS (JOINT BIOLOGICAL POINT DETECTION SYSTEM) BIDS CAN'T GENERATE POWER, YOUR BIDS IS POWERLESS TO DETECT THREATS.

HERE ARE A FEW WAYS TO KEEP THE GENERATOR EMPOWERED...



Get New Insulation

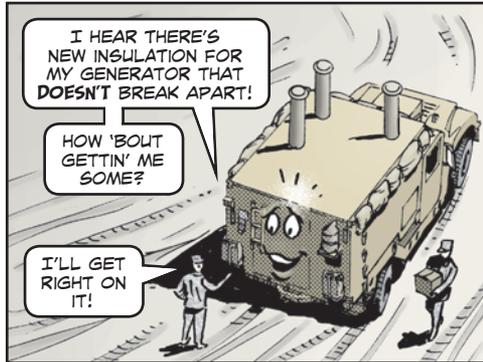
The old insulation breaks off and gets sucked into the air cleaner. That cuts off the generator's airflow. Since 2011, new BIDS have insulation with a special coating that won't come apart.

If your BIDS doesn't have the new insulation, see maintenance advisory message (MAM) JPM-BD 11-01, which explains how to get a replacement set. One free set of insulation may be available per system. Additional sets have to be purchased directly from the manufacturer. Units install the insulation. Instructions come with the insulation.

I HEAR THERE'S NEW INSULATION FOR MY GENERATOR THAT DOESN'T BREAK APART!

HOW 'BOUT GETTIN' ME SOME?

I'LL GET RIGHT ON IT!



For help getting the insulation or MAM, contact George Barnes at DSN 786-1387, (586) 282-1387, or email: george.l.barnes.civ@mail.mil

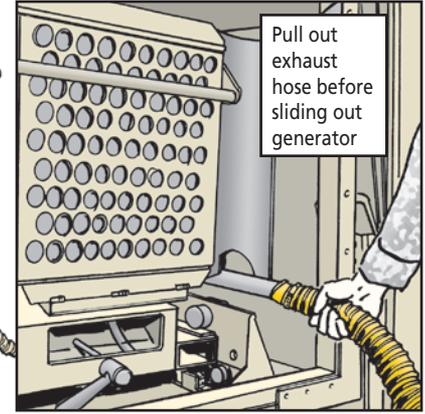
Pull Out Part of Exhaust Hose Before Sliding Out Generator

PULL OUT 3-4 FEET OF THE EXHAUST HOSE TO GIVE THE HOSE SOME SLACK.

IF YOU DON'T, THE HOSE'S COUPLING MAY TEAR THE HOSE WHEN YOU PULL OUT THE GENERATOR TRAY.



Pull out exhaust hose before sliding out generator



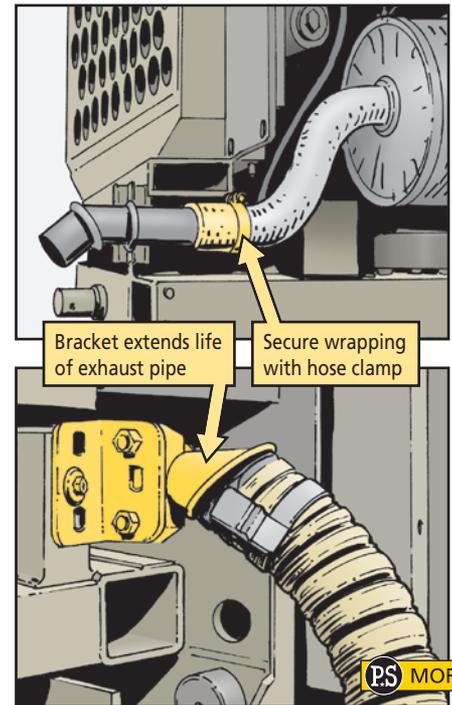
Keep an Eye on Exhaust Pipe's Wrapping

The generator's vibration can cause the wrapping to unravel to the point it catches in the generator fan.

Help keep the wrapping on the exhaust pipe with a 2-in hose clamp, NSN 4730-01-515-4940.

Help extend the life of the exhaust pipe by installing a 1 1/2 x 1 1/2 x 2 3/4-in slotted angle support bracket and a 1 3/4-in muffler clamp, NSN 5340-01-455-3934. The bracket, which was suggested by the 326th Chemical Company in Huntsville, AL, cuts down on tension and vibration that can damage the muffler tail pipe. Get the bracket by contacting George Barnes.

If you have a tailpipe break, the 375th Chemical Company in Council Bluffs, IA, suggests having your maintenance section weld a piece of pipe to the muffler and exhaust pipe. That may be enough to keep you operating until you get a new muffler and tailpipe.

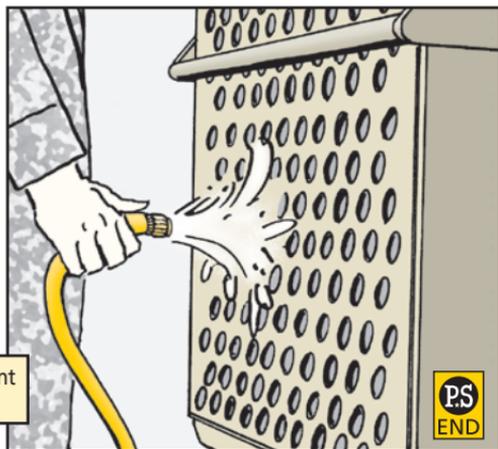


Clean Back of Radiator Every Six Months

This is critical if you're operating in a sandy environment. 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.

To clean the back of the radiator, you'll need to get your mechanic to remove the fan guard, which is held in place by several screws. Spray low-pressure water through the front of the radiator to loosen up the gunk. Then use something soft and flexible like a playing card to scrape off the gunk. Don't use anything metallic that could damage the radiator coils.

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



M240-Series Machine Gun...

LOOK FOR LOOSE OP ROD PIN



IF THE M240-SERIES MACHINE GUN OP ROD GAS PISTON PIN LOOSENS TOO MUCH, YOUR GUN WILL STOP FIRING.

OPERATORS SHOULD IMMEDIATELY CHECK ALL THEIR M240 OP RODS FOR LOOSE PINS. JUST FEEL THE GAS PISTON TO SEE IF IT'S LOOSE. IT'S OK FOR IT TO MOVE A LITTLE.

ALSO CHECK FOR ANY DAMAGED OR MISSING OP ROD PARTS.

THERE IS NO FIX FOR A LOOSE PISTON PIN OTHER THAN TO REPLACE THE OP ROD.

THIS CHECK WILL BE ADDED TO THE PMCS IN THE NEXT UPDATE TO TM 9-1005-313-23&P.

