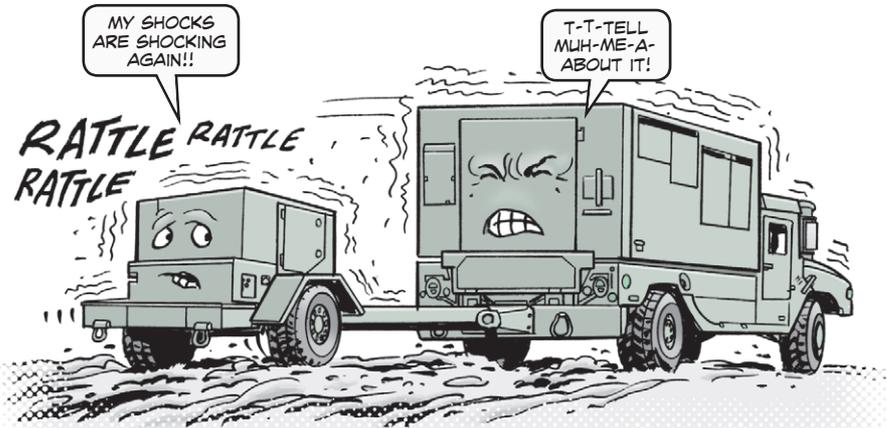


# IS THE APU SHOCKED?



The shock mounts that support the engine and alternator on MEP-903A, -B and -C 10-KW auxiliary power units (APU) are taking a beating and not rebounding from it.

The MEP-903A is used in the standard integrated command post system (SICPS) shelter. The MEP-903B is used in the joint tactical area communications system (JTACS) shelter. The MEP-903C is used in the warfighter information network-tactical (WIN-T) shelter.

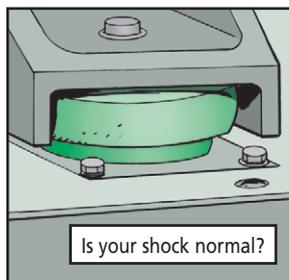
The shock mounts are on the APU to help isolate the vehicle and shelter from the APU vibration. This reduces noise and discomfort for the soldier.

The vibration isolators provide the maximum isolation when the generator is running, but still protect the APU from damage when it's transported. When shock mounts/vibration isolators fail, the APU operating noise increases and the potential for generator set damage during transportation increases, too.

## It's a Vicious Circle!

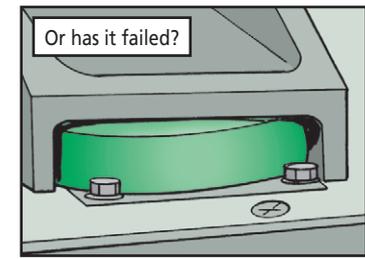
Chapter 4 of TM 9-6115-670-14&P covers the PMCS for the APU. Part of your PMCS is to, "Check for unusual wear or deterioration." Make a note that one of the areas to check are the four shock mounts—two on the engine and two on the alternator.

What you're looking for with this visual inspection is a collapsed mount. The normal height of the mount under load is about 1 1/4 inches measured from the top of the shock mount to the top of the mounting base.



A failed shock is compressed so much that the rubber elastomer touches the top of its mounting base.

If you need to order a new mount for the engine, use NSN 5342-00-597-6190. If you need a new mount for the alternator, use NSN 5342-00-684-9456. Don't mix the shocks! They have different dampening characteristics that match the needs of the load.



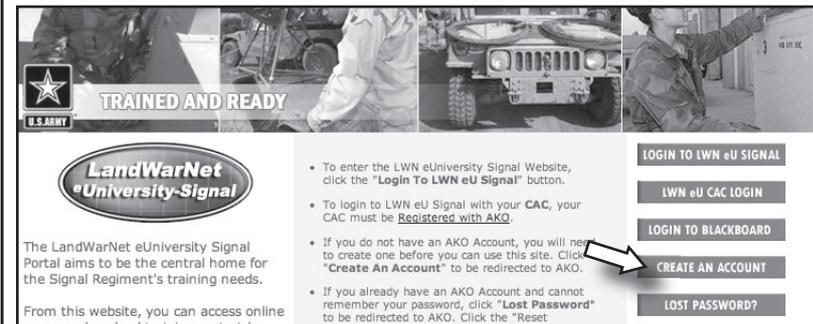
Training...

# Simulating SINGGARS

Dear Half-Mast,  
I was wondering how I can get my hands on a simulator program for loading and using the SINGGARS radios?

SSG E.J.M.

Dear Sergeant E.J.M.,  
That's the kind of wondering we endorse! First, get your hands on your computer keyboard and type in: <https://uit.gordon.army.mil/login.html>  
This is the LandWarNet eUniversity-Signal website. Once there, you'll need to create an account in order to log in.



After you log in, click on Popular Downloads. A list will show up. Expand that list and you'll find several computer-based SINGGARS training programs you can use and copy. They include SINGGARS Multimedia Instruction, SINGGARS Radio Operation and Loading SINGGARS.

*Half-Mast*