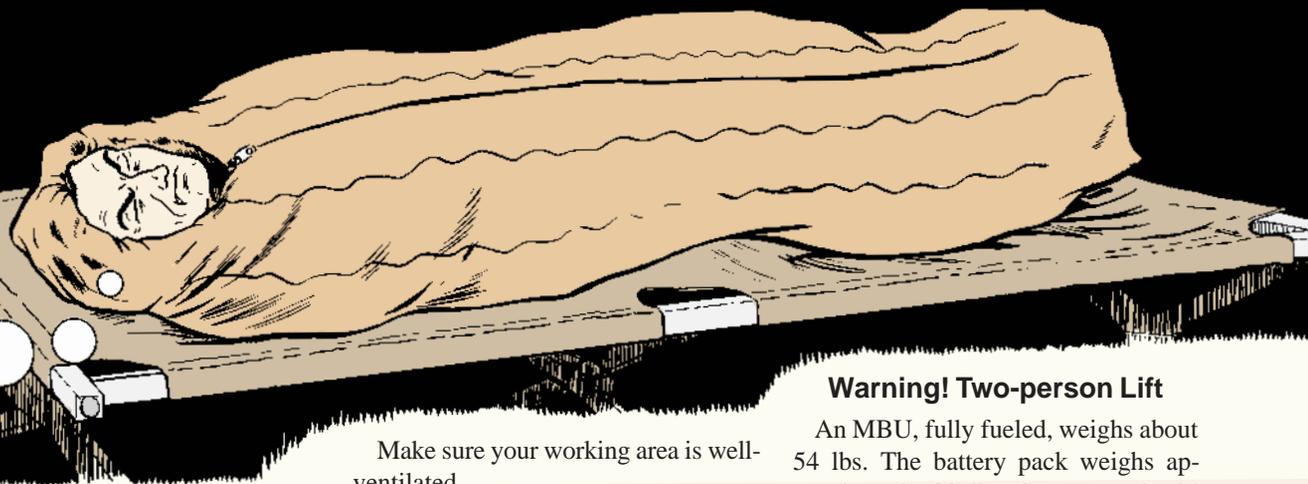


Dreamy New Technology



It's 0300. *Grooaan!* Time to rise and shine if you're gonna get those M2 burners fired up in time to get breakfast on the line.

A few more *zzzz*'s would be wonderful, but it will take hours to get those burners fired up before hungry troops show up for breakfast.

The Light Dawns

Hold it—you don't have to get up yet! The old M2 burners in your unit have been replaced by modern burner units (MBU). They're sitting there, in place, fueled up and ready to light with the touch of a button. You can roll over and catch some more *zzzz*'s.

No, you're not dreaming. Though there are still more than 40,000 M2 burners in the field, the MBU is replacing them at the rate of several thousand a year.

The MBU is different in many ways from your old M2. Here are some tips from the headshed and TM 10-7310-281-13&P to keep in mind while you get used to your new burner.

Warning! Electric Shock

Repairmen, the MBU power converter uses high voltage. Always shut off the external power before you start any maintenance.

When you hook up the cables again, keep them out of the foot traffic—and make sure they are not lying in water.

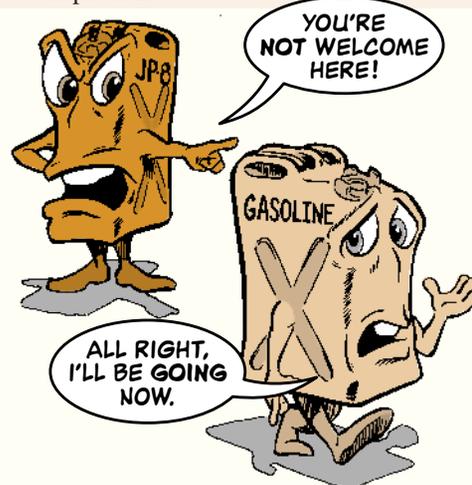
Warning! Carbon Monoxide

Operators, the MBU produces carbon monoxide when it's operating, just like the old burners. You can't taste it, smell it, or see it, but it can cause drowsiness, headache, dizziness, and loss of muscle control.

Make sure your working area is well-ventilated.

Warning! No Gasoline!

Never use gasoline in the MBU—**Never!** Use **only** JP-8 or an approved substitute diesel fuel. Using gasoline creates the danger of fire and explosion.



Warning! Two-person Lift

An MBU, fully fueled, weighs about 54 lbs. The battery pack weighs approximately 80 lbs. Save your back! Use two people to carry either one.

Use buddy system to carry MBU



Warning! Noise

If more than six MBUs are operating at the same time in a field-feeding system, and you will be exposed to their noise for more than seven hours per day, wear hearing protection. They make enough racket to damage your ears.



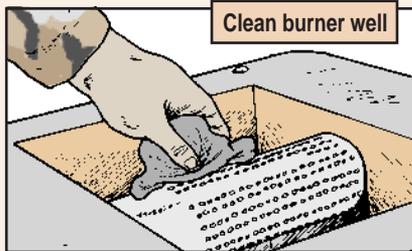
Final Words from the Wise

Get an extra fuel filter, NSN 7240-01-462-6765, and air filter, NSN 7310-01-462-4913. The TM tells you to replace the fuel filter and air filter after 300 hours of operation. You only get one extra set of filters with the new MBU, so have replacements ready. Then you don't have to wait for them when the time comes to change them the second time.



Keeping your MBU clean prevents corrosion and keeps sensors and vents from malfunctioning. The burner well must be kept clean. Wipe it off daily with a damp rag.

When the burner unit needs cleaning, wipe it off with rags and soapy water. Don't submerge it in water, or use a pressure washer to clean it. The



MBU has been designed to be water-resistant, but it is **not waterproof**. Towel it dry.

Pay special attention to the air vents on the regulator and float valve assemblies. They have to be clean to keep air flowing and your MBU's flame burning brightly. Keep them cleaned off with a clean paint brush.

Use a dry brush to clean all connectors, including those on the power cables.

Wipe the battery pack and power converter housing with a damp rag to remove any dust or stains.

Sweet Dreams

So, next time you wake up at 0-dark-30 for kitchen duty, you can roll over and snooze a little longer, thanks to the MBU.

