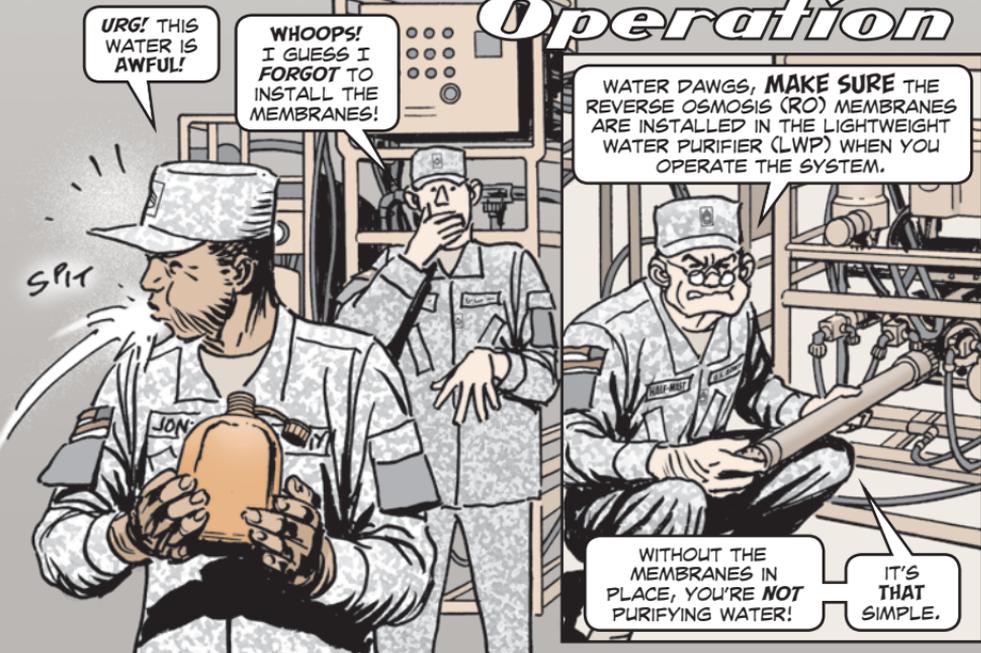


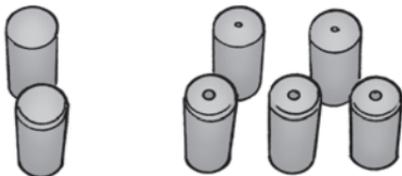
# First Time Operation



LWPs are shipped from the manufacturer with RO **simulators** installed. The simulators are used only for storage, shipping, training and system testing. When installed, they simulate realistic LWP operation without using the RO membranes. That way the membranes stay new, sealed and preserved until they're needed for a water mission. Look at WP 0046-6 to -8 in TM 10-4610-310-13 (Oct 09) for info on how to install and remove the membranes.

## Use the Right Simulator Plug

Many of these LWPs were fielded with simulators in the wrong configuration. Here's the correct configuration: two simulators with a plug and five simulators with a hole. That way you'll get the right product water settings needed for operating the system with simulators installed.



2 simulators with plugs

5 simulators with holes

By the way, NSN 4610-01-527-3761 gets the simulator with a hole. This setup is shown as Item 47 in WP 0138-19 of TM 10-4610-310-13 (Oct 09).