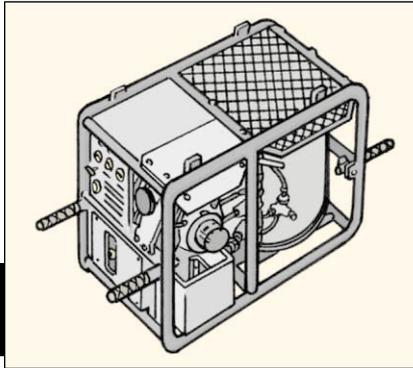


MONTHLY CHECKUP CHECKS OUT PROBLEMS

The problem for many M17 decons is that they sit ignored until they're needed. When problems are discovered, it's too late to solve them before you go to the field.

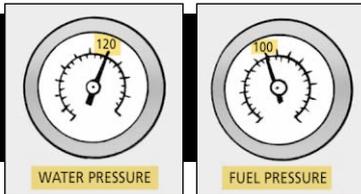
SBCCOM recommends this monthly checkup for all your M17s to catch and solve problems before it's mission time:



1. Inspect the pump/heater assembly for loose, missing, or damaged hardware. Flush the water pump.

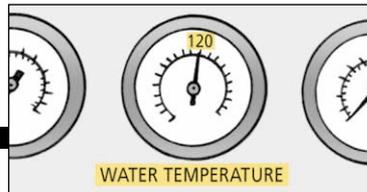
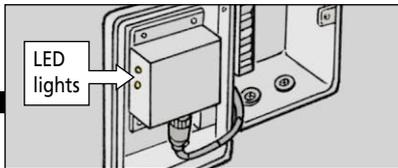
2. Set the function selector to OFF. Install one wand and stick the suction hose in water. Put the burner fuel strainer in a full fuel can and start the engine. Run the engine at medium speed for one minute or until water flows freely from the hose.

3. Reduce the engine speed to idle, install the other wand, and run the engine at maximum speed. Verify the water pressure is 120 psi (± 10) and the fuel pressure is 100 psi (±5). Check for fuel and water leaks.



4. Set the function selector to WANDS.

- a. Verify one LED lights when one trigger is squeezed.
- b. Verify both LEDs light when both triggers are pulled.
- c. Verify the burner goes out when the water temperature reaches 120° C.
- d. Heat the water to 120° three times. Verify that the burner lights and shuts down each of the 3 times.

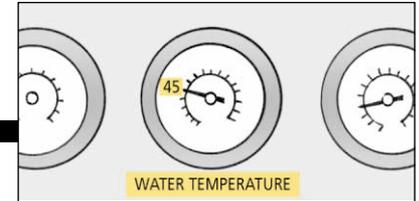


5. Set the function selector switch to OFF. Squeeze both wands to circulate cool water until the water temperature is below 40° C. Reduce the engine speed to idle and remove the wands.



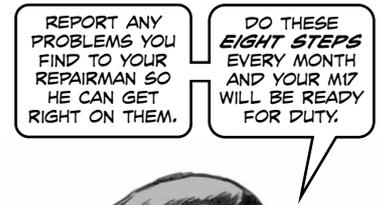
6. Install the showers and run the engine at maximum speed. Set the function selector to SHOWERS.

- a. Verify the water pressure is 45 psi (± 5).
- b. Verify both LEDs light up
- c. Verify the burner goes out when the water temperature reaches 45° C.
- d. Heat the water to 45° three more times. Make sure the burner lights and shuts down each time.



7. Remove the showers and run the engine at maximum speed. Set the function selector switch to SHOWERS.

- a. Verify the burner will not ignite.
- b. Briefly hit the LOW PRESSURE OVERRIDE switch and verify the burner ignites.
- c. Set the function selector switch to OFF and reduce the engine speed to idle.



8. Remove the inlet and branch hoses, run the engine at maximum speed for no more than 30 seconds to purge the water. Stop the engine.

