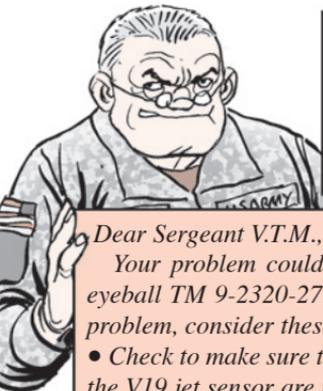
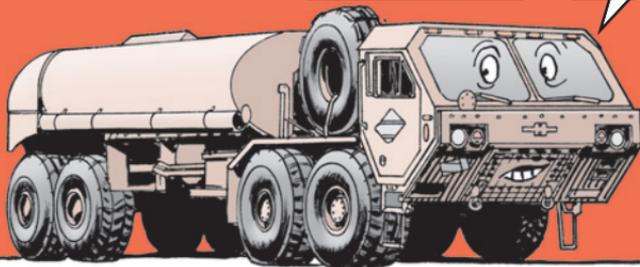


RESET and V10 Valves



Dear Half-Mast,
We have M978 HEMTT fuel tankers that have just returned from RESET. Now the V10 valve is a problem. It allows the tanker to store fuel, but it won't allow the fuel to recirculate! What's the solution?
SGT V.T.M.

Dear Sergeant V.T.M.,

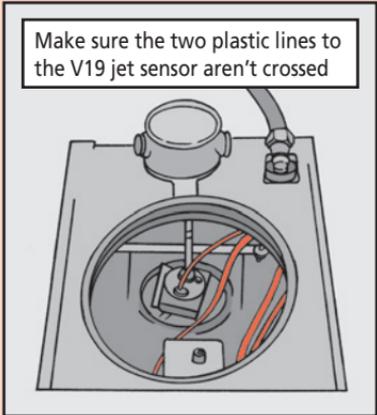
Your problem could be a result of several things. Your first step should be to eyeball TM 9-2320-279-20-1 for a troubleshooting solution. If that doesn't fix the problem, consider these tips that we learned from soldiers in the field:

- Check to make sure the two plastic lines to the V19 jet sensor are not crossed. If they're reversed, the V10 valve won't open.
- Make sure the V10 valve hasn't seized up while your M978 was sitting. If it has, apply pressure to free it up.
- In some RESET M978s, the box under the hatch has a plug installed on the underside. Taking the plug out might solve your problem.

Fuel can flow through only when the V10 valve is open. The V10 valve opens as soon as fuel pressure is available, unless the level of fuel in the tank is at its maximum level.

When the fuel level rises to the full level, the V10 valve closes, preventing the tank from being over-filled. The plug could be giving the impression of a full tank, so the V10 valve won't take on fuel.

• Replace the valve and see if the new one works. You might also want to disassemble and repair the old valve to get it working properly.



Half-Mast