

Water and Injectors Don't Mix

Fuel goes through fuel injectors like grease through a grease gun as long as there's no water in the fuel.

Any water going through the injectors is cool. The injectors are hot. When they meet, the injectors crack, and then the engine won't run.

That's why your FMTV has a fuel-water separator mounted on the engine. It keeps water out of the fuel.

There's only one problem: You've got to make an after-operation PMCS check to keep the fuel-water separator on the job. If you don't drain the water from the separator as needed, water eventually ends up in the fuel going to the injectors.

Check for water in the fuel-water separator bowl like it says in Item 33 in TM 9-2320-365-10 for 2¹/₂-ton models and Item 32 in TM 9-2320-366-10 for 5-ton models. If there is water in the bowl, drain it.

Put a container under the drain hose, turn the knurled nut on the separator to the left, and let the watered-down fuel drain until only pure fuel comes out.

When it does, close the drain valve and dispose of the fuel in the container as directed by your unit's SOP.

Do this after **every** operation. Yes, you'll have to raise the cab, and yes, you'll have to look closely to determine if there's water in the separator bowl.

But it's just part of the job.

