

DAVCO Fuel Processor

- As the ambient air temperature falls, the ability for water to condense in fuel tanks increases. The condensation can be carried into the DAVCO unit. As a result, it is recommended that water be drained from the DAVCO unit weekly. During periods of extreme cold it may be necessary to drain the unit even more frequently.
- The fuel filters are the only protection the engine has against contaminants in the fuel. Ensure the correct fuel filter is installed in the DAVCO unit. A larger micron fuel filter should never be used for the purpose of extending filter life or increasing flow. Such action may void the engine warranty and can be damaging to the fuel injection system. The EleMax® filter design with StrataPore® media provides the best protection and is highly recommended.
- Refer to www.davco.com for fuel filter recommendations (Form 3105, “Recommended Filter Guide”).
- Refer to www.davco.com for procedures relating to optional DAVCO electric pre heaters (Form 3134, “Electric and Fluid Heater Test Procedures”).

Tanks and Lines

- Some vehicles or equipment come with drains in the fuel tank to allow for the draining of any collected water. If the fuel tank is equipped with a drain, use the drain to remove any collected water in the bottom of the tank. If there are no drain ports in the fuel tank, it will be necessary to remove any collected water by another means. A DAVCO Shop Pro® FXP is the recommended shop tool for such a procedure.
- If a tank heater is used, test it per the manufacturer recommendation for proper operation.
- Ensure that no loops or water traps have developed in the plumbing from the fuel tank to engine. A loop or low spot in hoses can collect water and could freeze and restrict fuel flow.
- When possible, keep the fuel in the tanks above the half full level to minimize the potential for condensation formation.

Starting Recommendations

- A battery load test is recommended to ensure there is sufficient power for cold ambient starts.
- It is recommended to plug in block heaters while the engine is still warm as opposed to attempting to heat a cold engine with a block heater.
- If your DAVCO Fuel Processor has the optional 12VDC pre-heater, turn the ignition key to the “on” position. The DAVCO patented clear cover provides an easy visual to determine if the fuel is clouded. The fuel will be in a liquid form when it is heated above the cloud point with the optional pre-heater feature. (Note: Lab tests indicate 8-12 minutes of pre-heating can raise static fuel temperatures from -20°F up to 30°F.)