

Priming Procedure for Metering Pump Install

Follow these instructions below to ensure successful operation of TKS® metering pump.

1. Ensure tank is full of TKS fluid for maximum head pressure to pump inlet.
2. Disconnect supply line at the pump inlet and allow fluid to flow until clear air free flow is obtained.
3. Reconnect supply line and bleed air from the pump body by operating the Windshield Pump (Which is self-priming). If flow is not obtained from the windshield spray-bar within five, five second, duration operations cease operating and investigate the cause. You may need to disconnect the 3/16" outlet line at the windshield pump to help the self priming action.
4. Remove the air bleed screw from the filter housing or main body of filter element, and switch on the airframe/propeller Pump.
5. Allow the pump to run on "De-Ice" until clear air free fluid is emitted from the filter bleed.
6. Switch off the pump and replace the bleed screw.

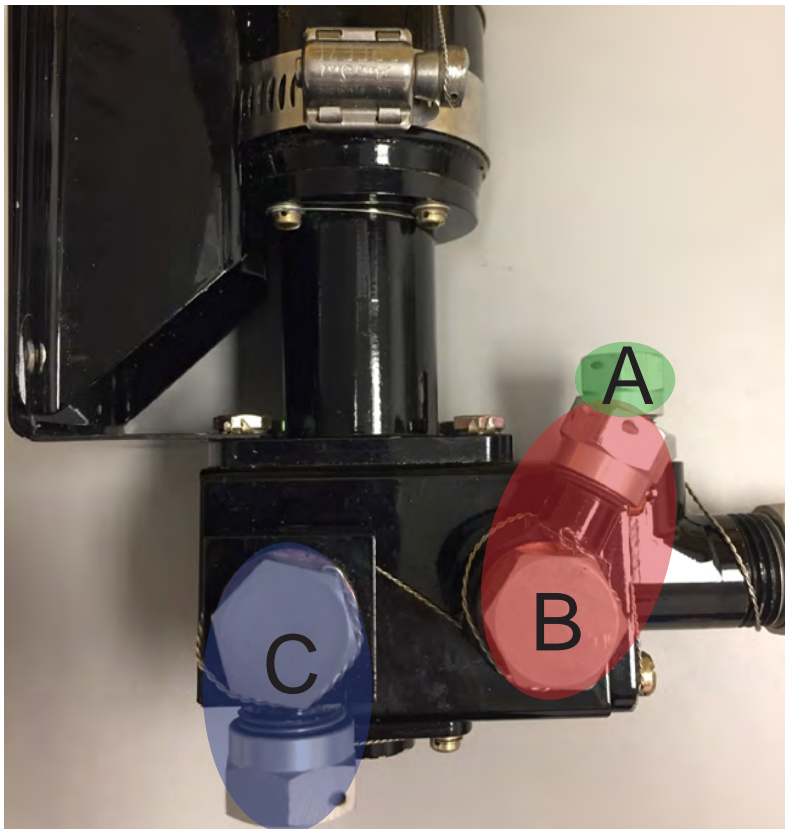


Figure 1.1, Metering Pump

See Figure 1.1, Metering Pump

- A) Metering Pump Pressure Outlet
- B) Windshield Pump Feed Line
- C) Metering Pump Inlet

Once the system is primed, the main metering pump may take up to 15 minutes to push TKS fluid through all the TKS panels.

Contact us if you have any questions.

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