![MQ MULTIQUIP] **Technical Information**

Product Group: GENERATORS
Model: DCA70SSIU4F

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PRIMING PROCEDURE TO FUEL SYSTEM WHEN USING AN AUXILIARY FUEL SOURCE

Multiquip DCA-Series Generators can be ordered with an optional Automatic 3-Way fuel valve. Units that use the automatic 3-way valve option must follow these instructions to properly prime the auxiliary fuel tank to ensure reliable engine operation when a transfer is made to the auxiliary fuel tank.

Upon initial commissioning or when connection to an auxiliary fuel source is made the air in the auxiliary source lines must be bled out or the unit will act like it ran out of fuel when it switches to the auxiliary source.

The automatic 3-way valve option is designed to run the unit off the generator internal tank until the installed float signals the relay to switch to the auxiliary fuel source. Typically the fuel level sensor is installed in the auxiliary tank, so the gauge on the control panel is only reading from the auxiliary source.
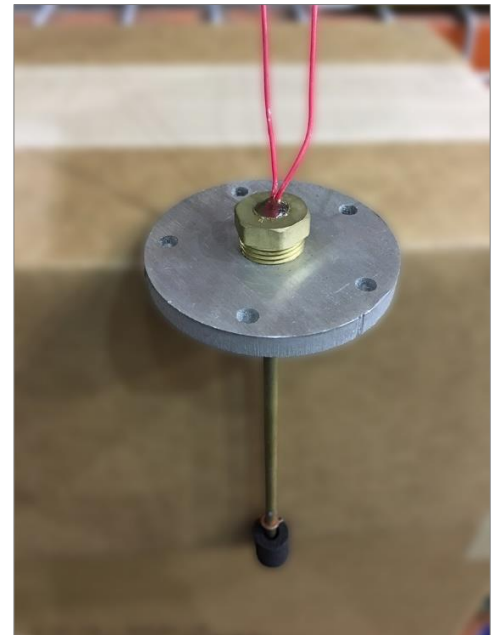

FOR DCA70SSIU4F UNITS:

1. First, make sure both the internal fuel tank and the auxiliary fuel source have enough fuel to run the unit under load.
2. Put the unit in diagnostic mode by pressing and holding the hour check button while placing the Auto-Off Reset Manual switch to manual position.
   NOTE: The fuel pumps runs whenever the unit is in diagnostic mode.
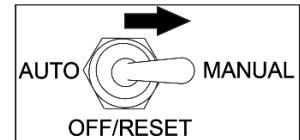
3. Locate the float switch on the generator fuel tank.
4. Open one wire at the float. (For earlier models you might have to cut and replace the butt connector to open the circuit)
5. Let the fuel pump run in the diagnostic mode for 5 minutes. From the auxiliary fill port you will hear the fuel cycling back into the auxiliary tank.
6. Now start and run the engine to confirm there is no more air in the system.
7. Reconnect the wire at the float switch circuit that was open in Step 4.
8. Return the unit to normal operation.

float switch