

Replacing the Fuel Valve

This bulletin covers the following Champion Power Equipment products:

(Note: Read instructions completely, and wear proper safety gear and safety glasses before performing service):

– **80cc to 439cc Open Frame Generators.**

Thank you for purchasing a Champion Power Equipment fuel valve. Quality is our No. 1 priority. We continually strive for this and our 2013 fuel valve is a prime example. To maintain our high standard of quality we often make running changes during production. Our 2013 fuel valve is a direct replacement for all our open frame synchronous generators from 80cc through 439cc models. A combination of materials has been used (i.e. aluminum, stainless, brass, rubber, plastic and steel). This new design also features a high flow filtering mesh located **WITHIN** the sediment bowl that no longer requires the long plastic filtering tube located on some of our previous models. Fuel flow can also be turned **OFF** by rotating the lever to the right or left horizontal positions. **ON** is when this lever is in the vertical position.

DANGER

Fuel and fuel vapors are highly flammable and extremely explosive. Fire or explosion can cause severe burns or death. Unintentional start-up can result in entanglement, traumatic amputation or laceration.

When servicing:

Loosen the cap slowly to relieve pressure in the tank.
Always keep fuel away from sparks, open flames, pilot lights, heat and other sources of ignition.
DO NOT light or smoke cigarettes.
Wipe up any spilled fuel immediately.
Allow fuel residue to evaporate fully before attempting to service or start the engine.
Make certain that the product is resting firmly on level ground.
DO NOT tip the product or allow fuel or oil to spill.
Make certain that the fuel shut-off valve is in the OFF position.

WARNING

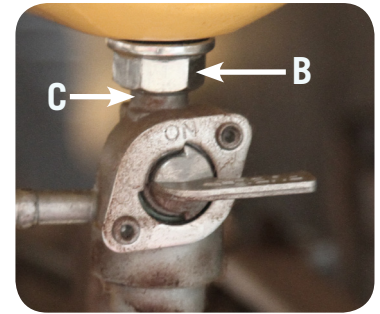
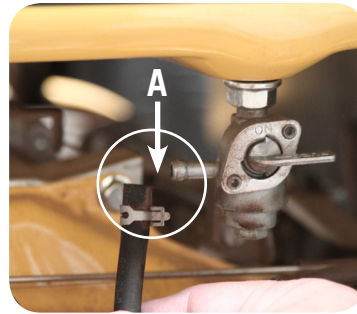
Sparks can result in fire or electrical shock.

When servicing:

Disconnect the spark plug wire and place it where it cannot contact the spark plug.

NOTE

Our engines work well with 10% or less ethanol blend fuels. Use clean, fresh, regular unleaded fuel with a minimum octane rating of 85 and an ethanol content of less than 10% by volume.



- 1) **Important:** Make sure all gasoline is removed from tank before performing this task.
- 2) With a pair of needle nose pliers pinch the clamp that holds the fuel line to the fuel valve and slide off. **(A)**
- 3) With a 14 mm wrench (9/16 in.) loosen the bolt at the top of the fuel valve, where the fuel valve meets the fuel tank. **(B)**
- 4) Remove the fuel valve.
- 5) Take the new fuel valve and screw it into the bottom of the gas tank with your fingers. The nut on the top of the fuel valve should be positioned so that 1-2 threads are visible below the nut on the fuel valve. **(C)**
- 6) While holding the fuel valve so that the lever faces out, tighten with 14 mm (9/16 in.) wrench. DO NOT overtighten.
- 7) Re-connect the fuel line, making sure the clamp is secured to the nipple on the fuel valve. **(A)**

If you have any questions, please contact us at:

Champion Power Equipment, Inc.

Customer Service
12039 Smith Ave.
Santa Fe Springs, CA 90670
www.championpowerequipment.com

Technical Service
Mon – Fri 8:30 AM – 5:00 PM (PST/PDT)
Toll Free: 1-877-338-0999
tech@championpowerequipment.com