

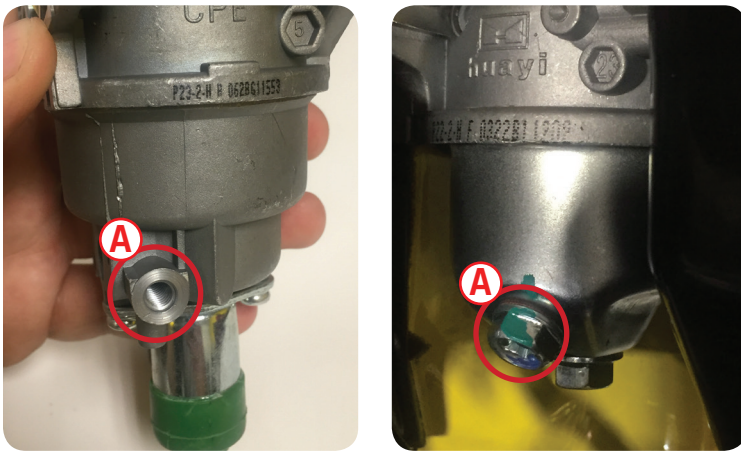
Bulletin number # CPETB2050020

How to fix a Flooding Carburetor

This bulletin covers the following Champion Power Equipment models (*Note: Read instructions completely before performing service*):

- **All Champion Power Equipment Engines that run on gasoline.**

When the Carburetor is leaking fuel, it probably has debris caught in the float needle valve area. This valve is located at the point inside the carburetor where the fuel line attaches to the carburetor. By removing the fuel in the carburetor, at the drain bolt at the bottom of the float bowl (A), you will be able to lower the float valve for cleaning the debris off of it.

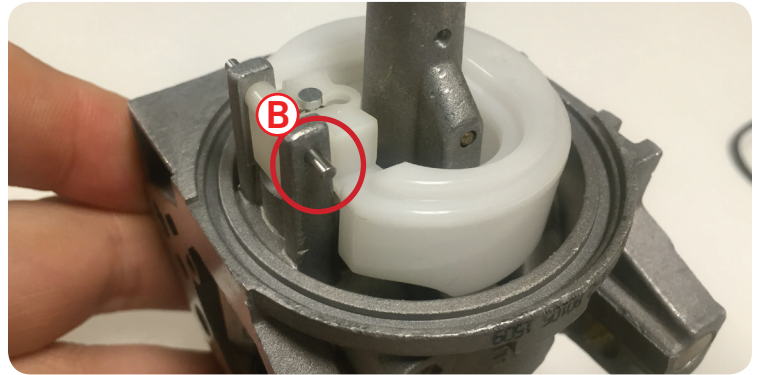


NOTE

Depending on the size of your engine, your carburetor may have 1 or 2 drain bolts. If it has 2 bolts, remove the slanted bolt only.

Now remove the fuel line at the petcock and using a light blow of compressed air or a petrochemical aerosol spray (WD40, starting fluid, carb. spray, choke cleaner) and give a couple of bursts of this air or fluid down the fuel line. This will wash away the debris and allow the float valve to seal again preventing unchecked fuel into the carburetor. It is possible you may need to perform this repair more than once, in case the first try fails to correct it. If it fails to solve the fuel flooding issue, then removal of the float bowl will be necessary to inspect the float for any fuel entry inside the float itself. The weight of the fuel can prevent the float from raising the float valve and sealing fueling entry into the carburetor.

The float can be removed by removing the pivot pin that the float hinges on (B). Most float removal will bring the attach float needle valve with it. Taking a Q-tip cotton swab with some WD-40 on it and cleaning the needle seat will remove any debris or varnish buildup inside the valve body area.



A cloth with some WD-40 can be used to clean the rubber tip of the float needle also. Be sure to wash both the needle and needle seat areas with aerosol spray cleaner to eliminate any remaining debris after cleaning. Re-assembly should solve your flooding problem.

If you remove your carburetor, be sure to inspect the jetting for being open, and clean any debris from the passage thru the length of the jet.

If you have any questions, please contact us at:

Champion Power Equipment, Inc.

Customer Service

12039 Smith Ave.

Santa Fe Springs, CA 90670 USA

www.championpowerequipment.com

Technical Service

Mon – Fri 8:30 AM – 5:00 PM (PST/PDT)

Toll Free: 1-877-338-0999

tech@championpowerequipment.com