

Fuel Flow Test, Carburetor Jet Service Procedures

This bulletin covers all gasoline powered Champion Power Equipment engines:

Note: Read instructions completely before performing service.

1. If only servicing the carburetor jet continue to step 4. If the engine is difficult to start continue with step 2.
2. Remove air cleaner cover, filter and filter seat. Using carburetor cleaner spray in to the opening of the carburetor through the port of the air cleaner housing.
3. Quickly attempt to start the generator. If the generator only shows signs of starting or starts and runs for a few seconds there could be debris plugging the jet which meters fuel flow to the engine.
4. To access the jet, remove the 10mm bolt located at the bottom of the carburetor holding the float bowl in place.
5. With a 3/8" flat head screwdriver, slide the screwdriver through the hole of the 10mm bolt just removed. Turn the screwdriver slightly until the blade drops in to a slot. Pushing up firmly rotate counter-clockwise to unscrew the jet.
6. Examine the hole that runs through the middle of the jet, those should be completely clear of all dirt, debris and grit. Using a wire brush or fine piece of wire run it down through the hole to assure no blockage. If available, use compressed air to blow away debris that may linger in the jet and cause blockage.
7. Check fuel flow before re-attaching the float bowl. Place a small plastic container under the carburetor and turn the fuel valve to the On position and back to the Off position. Keep the fuel on long enough to see fuel come out of the carburetor. If fuel begins to flow continue to step 9, if fuel is still not flowing continue to step 8.
8. Move the white plastic float up and down to help loosen the float, if fuel still does not flow slide the pin that holds the float in place and let the float drop down. Examine the need for possible debris and clean. Re-place the needle and float with the pin, check for fuel again. If fuel flow still does not begin contact us for further technical assistance.
9. Re-attach float bowl with 10mm screw and tighten. Be careful not to over tighten as that may cause damage to the bowl.

If you have any questions, please contact Champion Power Equipment:

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