



This is a guide to installing a high altitude kit or replacing the carburetor jet for your WEN 56360i / 56360iX inverter generator. This guide is best used in conjunction with the generator manual, included as a physical copy with your unit and available on the WEN website page for the generators (56360i link [here](#), 56360iX link [here](#)), by clicking “Click here to view the product manual”.

If at any point you need assistance, have questions, or want to order parts, call WEN customer service at 1-800-232-1195, M-F, 8-5 Central Time, or email [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com).

**If replacing any parts, use only genuine replacement parts purchased from WEN Products. Use of replacement parts not sold by WEN Products will void your warranty and could lead to decreased performance or injury.**

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### **TOOLS NEEDED**

- Phillips-head screwdriver
- Flat-head screwdriver
- 10mm socket or wrench
- Gasoline storage container
- Latex or chemical-resistant gloves
- Paper towels or shop towels
- *Needle-nose pliers (optional)*
- *Magnetic pickup tool (optional)*

ENSURE THAT THE ENGINE IS COOL BEFORE BEGINNING ANY MAINTENANCE OR REPAIR WORK. FOLLOW ALL SAFETY PROCEDURES LISTED IN YOUR OWNER’S MANUAL. USE COMMON SENSE. AVOID INJURY.

NOTICE: WEN PRODUCTS AND GREAT LAKES TECHNOLOGIES, LLC ALWAYS RECOMMEND THAT THE HIGH-ALTITUDE KIT FOR YOUR GENERATOR BE INSTALLED BY A QUALIFIED MECHANIC. REFER TO THE OWNER’S MANUAL INCLUDED WITH YOUR GENERATOR FOR MORE INFORMATION. WEN PRODUCTS AND GREAT LAKES TECHNOLOGIES, LLC SHALL NOT BE HELD LIABLE FOR ANY GENERATOR DAMAGE OR DECREASE IN PERFORMANCE, OR INJURY TO ANY PERSON, ARISING OUT OF ANY SITUATION IN WHICH A HIGH-ALTITUDE KIT IS NOT INSTALLED BY QUALIFIED PERSONNEL. CALL 1-847-429-9263 M – F, 8 – 5 CST FOR MORE INFORMATION. FOLLOW ALL APPLICABLE SAFETY PRECAUTIONS.

### **REMOVING THE OLD JET**

1. Shut off the generator and allow it to cool to ambient temperature before proceeding. Turn off the fuel valve to stop the flow of fuel from the gas tank. Refer to the instructions in your manual. Make sure the 4-in-1 knob is turned to the “OFF” position.
2. Remove the side panel as instructed in the Maintenance section of your manual (Figs. 1 & 2).

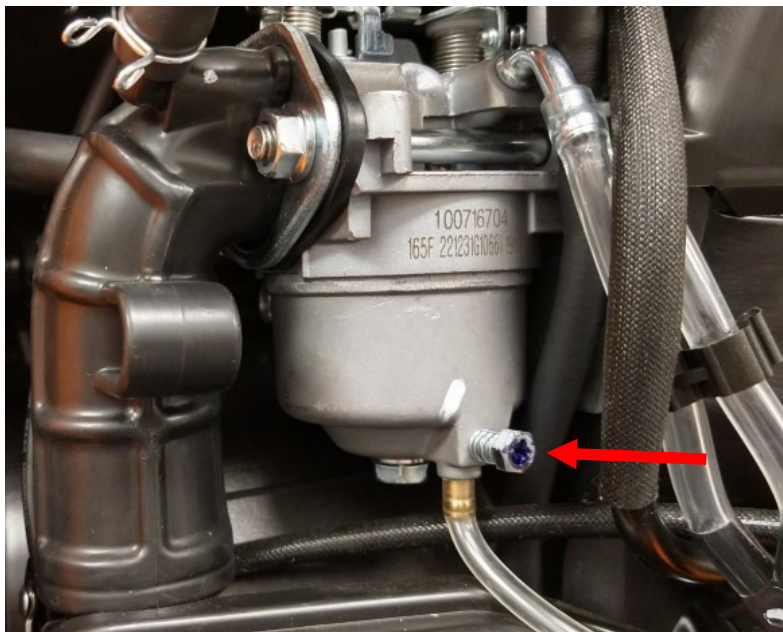


*Fig. 1: Remove side panel.*



*Fig. 2: Side panel removed.*

3. Prepare an approved gasoline-storage container. Drain the carburetor as instructed in the Maintenance section of your manual, using a Phillips-head screwdriver to loosen the drain screw (Fig. 3).



*Fig. 3: Loosen drain screw (red).*

4. Pinch the breather hose clamp and slide it up the breather hose. Remove the breather hose from the fitting on the air duct. See Figs. 4 & 5 below.



*Fig. 4: Breather hose clamp.*

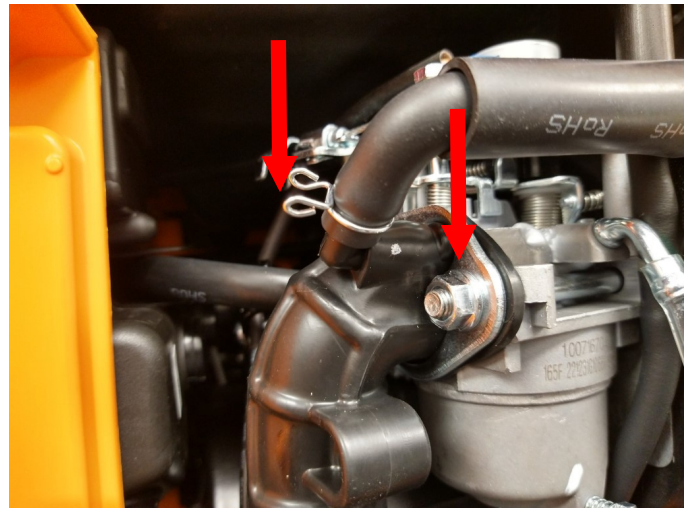


*Fig. 5: Breather hose removed.*

5. There are two 10mm nuts on either side of the air duct; remove both of them. Then pull the air duct up and off the air filter housing, and remove it from the generator (Figs. 6 – 9).



*Fig. 6: Tab on air duct to assist removal.*



*Fig. 7: Remove 10mm nuts on both sides.*



*Fig. 8: Pull duct off air filter housing.*



*Fig. 9: Remove duct from generator.*

- Remove the carburetor drainage and pressure equalization hoses from the housing of the generator (Figs. 10, 11).

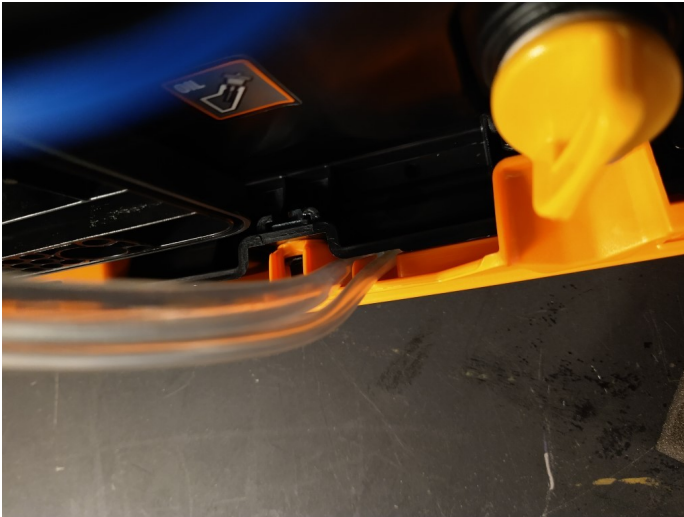


Fig. 10: Hoses in the housing.

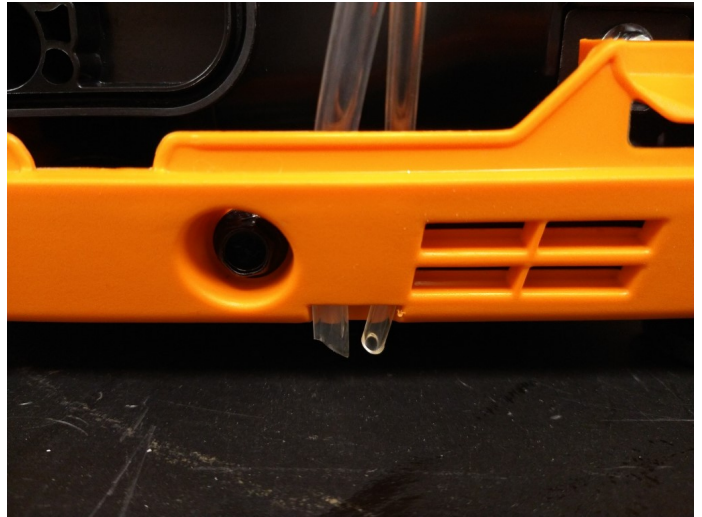


Fig. 11: Hoses protruding from the housing.

- Remove the 4 Phillips-head screws from the top handle of the generator (Fig. 12).



Fig. 12: Remove these 4 Phillips-head screws.

- Remove the 3 bolts from the bottom of the frame using a 10mm socket (Fig. 13).

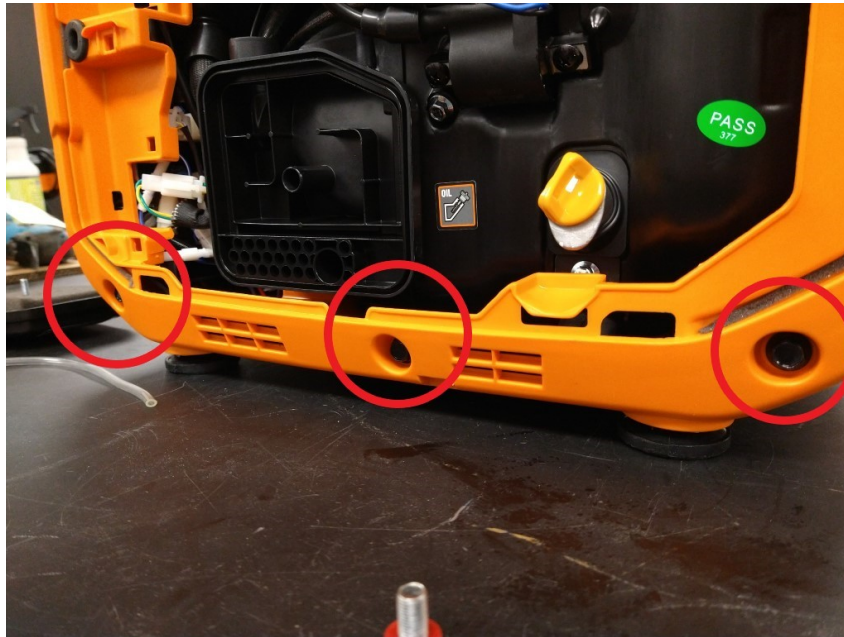


Fig. 13: Remove these 3 bolts.

9. Remove the 6 screws each (total 12) from around the outside of the front panel and the rear panel (Figs. 14 – 15).

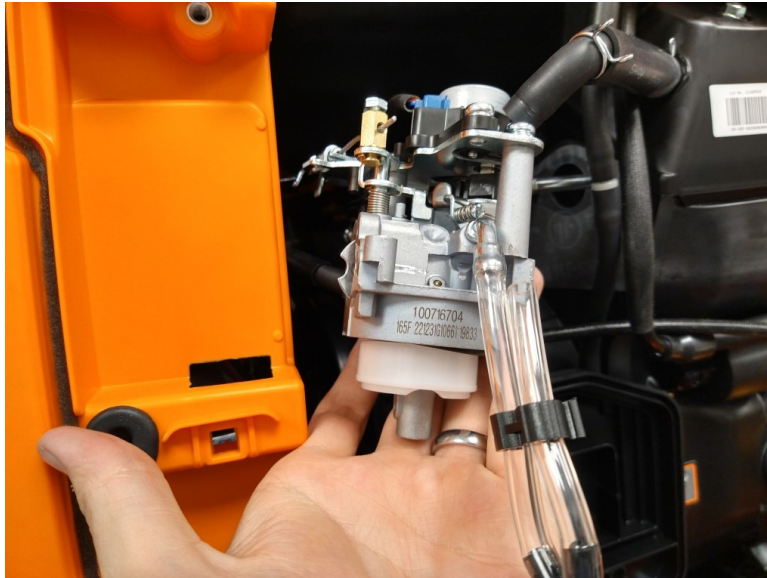


Fig. 14: Remove these 6 screws on the front panel.



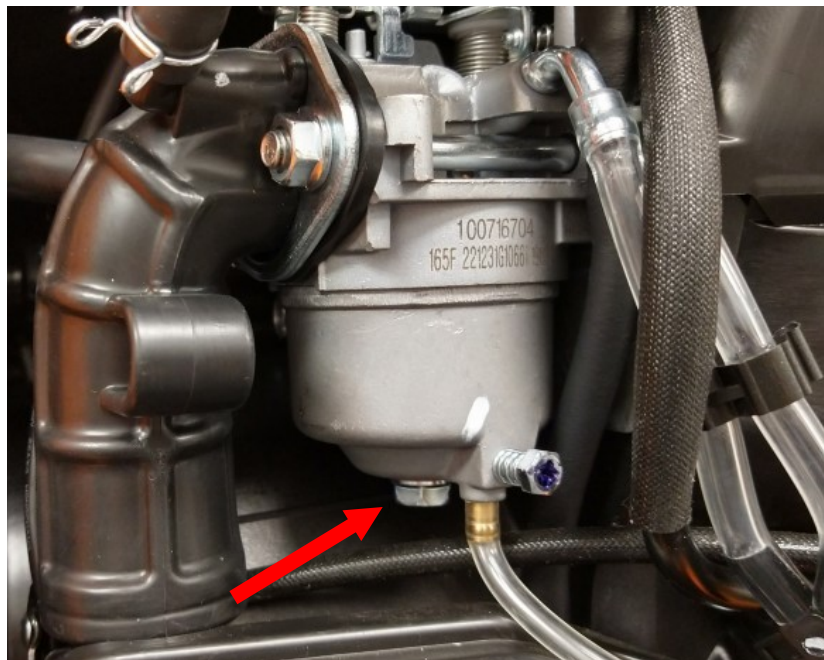
Fig. 15: Remove these 6 screws on the rear panel.

10. Gently pull down on each panel to separate it from the tabs on the orange frame.
11. The orange frame is now free to move, and you can gently slide the carburetor off its mounting studs (Fig. 16).
  1. NOTE: in Fig. 16 below, the carburetor is shown with its bowl removed; you do not need to remove the bowl first in order to get the carburetor off the mounting studs.



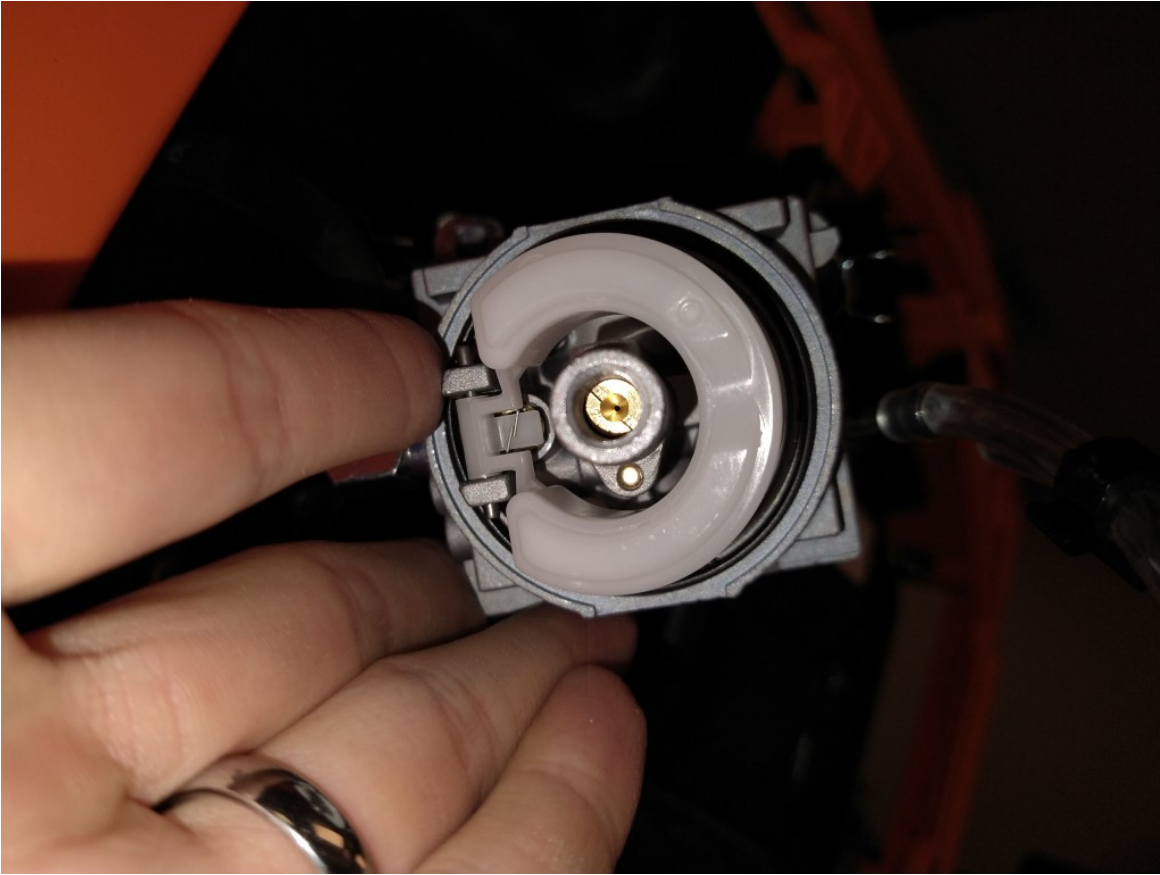
*Fig. 16: Carburetor can now be slid off mounting studs.*

12. Prepare gloves and a paper towel. When you remove the carburetor bowl bolt, a small amount of gasoline will likely come out of the bowl.
13. Remove the carburetor bowl bolt, bolt gasket, bowl gasket, and bowl from the bottom of the carburetor using a 10mm socket. The bowl bolt is shown below in Fig. 17. Once it is removed, the carburetor should look as shown above in Fig. 16.



*Fig. 17: Carburetor bowl bolt (red arrow).*

14. Tip the carburetor on its side. You should be able to see the jet inside the carburetor stem (Fig. 18). Gently remove it using a small flat-head screwdriver and set it aside.



*Fig. 18: Carburetor jet.*

## **INSTALLING THE NEW JET**

15. Install the new, high-altitude jet into the carburetor stem. Tighten with the flat-head screwdriver until it is snugly seated against the inside of the stem.
16. Reassemble the carburetor. Don't forget to replace the bowl gasket and bolt gasket before reassembling.
17. Follow steps 1 – 12 above in reverse order to reassemble the generator. Some reassembly tips are below.
  1. Don't forget to route the carburetor drainage and pressure equalization hoses back through the holes in the bottom of the frame (step 7). Failure to do so could lead to the generator running rough or not running at all.
  2. When reassembling the front and rear panels (steps 9 and 10), don't forget to fit their mounting slots into the tabs on the orange frame before securing them with the screws.
  3. Make sure no wires or hoses are pinched when reassembling.
  4. When reassembling the side panel, make sure the tabs at the bottom go into the holes in the frame (Fig. 19).



*Fig. 19: Make sure tabs line up with slots when reassembling.*

18. Verify that all fasteners are tight and all components have been replaced. Test the generator to ensure it operates properly.

## **QUESTIONS? PROBLEMS?**

Contact WEN Customer Service at 1-847-429-9263, M-F, 8-5 CST, or email [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com)