Replacing the valve stem in the GrillGun and Su-VGun

The sound and smell of leaking propane coming from the red knob on top of the torch when it is turned off is indicative of faulty O-rings on the main valve stem.

Fortunately, you can easily replace this valve stem yourself with basic hand tools. The following step by step process shows you how to replace the valve stem with faulty O-rings, with a new valve stem sent to you by GrillBlazer Customer Support.

This new valve stem features larger O-rings, which will prevent future leaks. In this article, we will show you how to replace the valve stem so that you do not encounter this problem again. The pictures in this article will feature a Su-VGun, but the repair is also the same for the GrillGun. Video instructions are also available at https://grillblazer.com/pages/replace-valve-stem.

Before you begin, make sure you have the following:

1. 7mm socket wrench
2. Crescent wrench or 14mm fixed wrench
3. Replacement valve stem from GrillBlazer Customer Support

Without the propane bottle connected, depress the handle to make sure there is no pressure in the torch.

1. Using the 7mm socket wrench, remove the nut from the top of the red knob. Be careful not to lose any parts.

2. With the nut removed, pull the red knob off the valve stem and using a 14mm fixed wrench or crescent wrench, loosen the nut around the valve stem and remove.

4. The middle of the red knob is square shaped and designed to fit onto the square tip of the valve stem. Replace the red knob onto the valve stem, making sure the square edges line up properly, and use it to unscrew and remove the old valve stem from the torch. Once removed, discard the old valve stem.
5. Inserting your new valve stem into the red knob, use the knob to screw the new valve stem into place. Make sure it is fully screwed in (seated at the bottom) before continuing.

6. Remove the red knob and replace the 14mm nut removed earlier. Tighten with a wrench.

7. Replace the red knob, once again making sure it is fully inserted, and put the small nut back on top and tighten with 7mm socket.

8. Connect the propane bottle again and again smell and listen for propane leaking before using it again.

If you installed the new valve stem correctly then everything will work right, and you will no longer have a leak.

Please feel free to reach out to us at support@grillblazer.com if you have any questions.

Happy grilling!