

PRV Resetting Guide

Revision 2.4

The Pungo is equipped with a pressure relief valve (PRV) to ensure that it's impossible to overpressurize the system.

The PRV consists of a precision ground rubber ball set in an equally precise bore. Functionally, it's very similar to the rubber plug on a pressure cooker. Once activated, it must be reset manually.

Evidence that the PRV has released is the sound of gas escaping, followed by greatly reduced to non-existent wine flow. There may also be slight leakage of wine from the front of the Pungo while attempting to pour.

The PRV can easily be reset, but before doing so, it's a good idea to determine why it popped. Please see page #36 of the instruction guide for suggestions. This will help ensure future trouble-free operation of your Pungo.

1. Unscrew the two cap screws on the back of the Pungo using a 7/64 allen wrench (hex key).

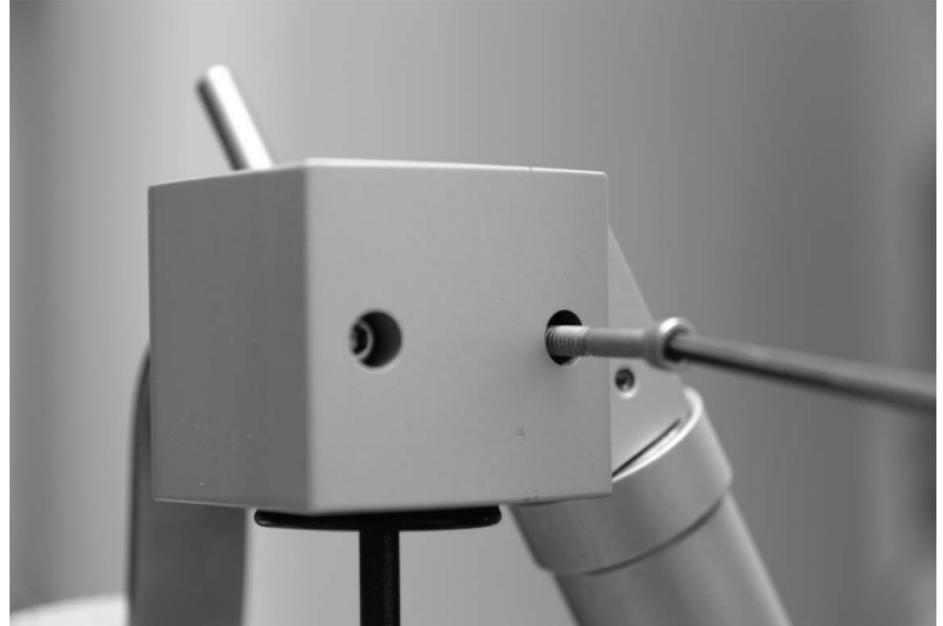


Fig. 1

2. Place the Pungo face up on a table and remove the cover by gently pulling up on the trigger.



Fig. 2

3. The PRV is located at the bottom left of the housing as viewed from the front. Inspect the PRV bore and ball for either liquid or dried wine.

If you see wine in this port or on the ball, both the ball and the port should be cleaned following steps #4 and #5, as any residue can result in higher release pressures.

However, if the port looks clean and dry, and you haven't contaminated the ball, you can skip to step #6.



Fig. 3

4. Since the PRV has already popped, the ball should be loose in the bore. Carefully turn over the Pungo so that the ball drops out*.

If it doesn't drop out easily, do not try and force it or pry it out with any makeshift tools. Simply set the housing face up, put a little clean water in the bore with an eyedropper or similar device, and let it soak a bit. Really stubborn dried residue might require substituting rubbing alcohol for water.

**Before attempting this you might want to move over a bowl, a plate, or some other vessel that will help capture the ball if you drop it. Be careful here not to lose the ball; it's very easy to do.*



Fig. 4

5. Dip a Q-tip in rubbing alcohol and carefully swab out the bore. Once you're satisfied that all residue is removed, use a succession of dry Q-tips until all surfaces are dry.*

Clean the ball in the same manner, and make sure it is free from lint and debris before re-installing. Avoid touching the ball with your bare hands as even the oil on your skin can affect the activation pressure. We actually wear surgical gloves when we assemble these.

**To finalize drying, you can hold your finger over the gas hole on the needle tip and gently pull the trigger on the Pungo. This will force argon through all of the gas passages and out the PRV bore, both helping to dry the surfaces and blowing out any lint from the Q-tips.*



Fig. 5

6. Making sure the ball is centered in the port, use a relatively soft rod (such as a wooden chopstick with a blunt end) to push the ball into the port until it's seated all the way to the back. You should feel a slight detent as the ball passes through the mechanism*.

***Caution!** Take great care to keep whatever tool you're using centered in the bore. Scraping the sides of the bore can irreparably damage the PRV's function.



Fig. 6

7. Place the front cover back on the housing while aligning the cam pin with its matching hole. Once satisfied that everything is aligned and seated correctly, attach the cover by replacing the two cap screws.



Fig. 7

Check the trigger action for binding, and check to make sure that argon is being purged from the needle tip. If everything checks out, you're now ready to resume using your Pungo.

The next time you use your Pungo, you may notice a small popping sound coming from the housing. This is normal and happens when the PRV reseats to its final position.

If at any time during this process you feel uncomfortable or unsure of what you're doing, please contact Nami Research for support.

The Pungo® is manufactured entirely in the U.S.A.

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