

## Replacing the Check Valve in the Ozone AL Floor Pump (old-style)

### 1. Make sure all of the components are removed.

Remove the end cap at the base of the pump, using a flat-head screwdriver if it's too tight. Next you will need to remove the check valve. With a needle nose pliers, grab onto the little plastic tab and pull the check valve straight out.

### 2. Checking that all of the pieces are out.

Now look into the empty area and make sure everything is removed. The check valve piece has 3 o-rings on it. Two of them are on the valve piece and the other rests on the end where the brass piece is inserted. Sometimes, when the valve piece is removed, this third o-ring remains in the pump. Using a flashlight, make sure this o-ring has been removed before proceeding.

### 3. Making sure the barrel is aligned properly.

Now that this chamber is empty, you should be able to see the hole in the Aluminum barrel. This hole has to be lined up in the exact center in order for the valve piece to fit in properly. If it isn't aligned and you are not able to twist the body of the pump so that it lines up, you may need to loosen the nut on the bottom of the pump. If you loosen the nut do not retighten it until the last step. Once the hole is centered, you are ready to insert the valve piece.

### 4. Inserting the valve piece.

Using the needle-nose pliers, pick up the valve piece by grabbing onto the tab at the outside-end of the valve piece just as you did when you removed it. Make sure the third o-ring is resting on the opposite end with the brass ring. There is a little tab on the outside-end that should line up with a gap around the edge of the opening in the pump base once you insert it. While holding the piece with the pliers, push it in as far as you can.

### 5. Replace cap.

You don't need to use a screwdriver to tighten the cap, just use your hand. If it doesn't seem to screw on all of the way or it seems to strip towards the end, this means the valve piece is not in all the way. Check it and try again. Once the cap is on securely, you can tighten the nut on the bottom of the pump.