



Lezyne CNC Dirt Floor Drive O-Rings Replacement

Replace the O-rings in your CNC Dirt Floor Drive.

Written By: iRobot



INTRODUCTION

If your pump seems to be unable to fill tires to as high of a pressure as should, it may be due to leaking O-rings. Use this guide to replace your faulty O-rings.

TOOLS:

- [Flathead Screwdriver](#) (1)

Small

- [Large Needle Nose Pliers](#) (1)

Needle Nose

Step 1 — O-Rings



- Detach the hose from its holder.

Step 2



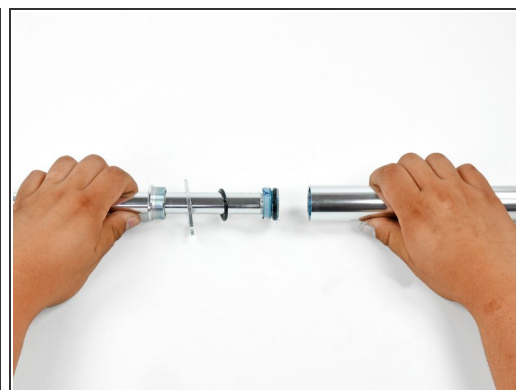
- Hold the base of the pump steady and twist the barrel counter-clockwise by hand until it completely unthreads.
 - ① If you are having troubles stabilizing the base and twisting the barrel, try standing on the base and using both hands to loosen the barrel.
- Lift the barrel off the base.
 - ① When removing the barrel, be sure not to lose the bump stop O-ring. It may stick to the pump base, may be stuck inside the barrel, or may fall out when you remove the barrel.

Step 3



- Lift the pump handle until the top cap is exposed.

Step 4




- Place the ends of needle nose pliers into the top cap holes and turn counter-clockwise until the cap is loose.
- Finish removing the top cap by hand.
- Pull the pump plunger out of the barrel.

Step 5



- Use a small flathead screwdriver to remove the plunger O-ring.
- Use the screwdriver to remove the upper bump stop O-ring.
- Install new O-rings.

 Be careful not to over-stretch or cut the O-rings if you are using the screwdriver to install them.

Step 6



- Remove the lower bump stop O-ring from the pump base.
- Remove and replace the base O-ring.

Step 7



- Insert the tips of needle nose pliers into the base cap holes and turn it counter-clockwise until it completely unthreads.
 - Remove the base cap from the base.
 - Remove and replace the base cap O-ring.
 - Re-assemble the pump using these instructions backwards.
- ☒ Don't forget to set a new bump stop O-ring on top of the pump base before re-installing the pump barrel.