



Hydration Bladder Leak Repair

This guide will teach you how to unclog the pipe and fix a leak in a hydration bladder.

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INTRODUCTION

Hydration backpacks are becoming increasingly popular across a wide range of demographics, from concert goers to hikers, these durable and handy water containers are perfect for taking along on rough terrains and crowded spaces. While their design is sturdy, rough use over time can cause scratches and leaks to make the bag less than optimal for use. In this guide, we show you how to repair it in such a way that you can get at least a few more years of use out of the backpack.



TOOLS:

- [Utility Scissors](#) (1)
 - [Tenacious Tape™](#) (1)
 - [Heat Shrink Tubing Assortment](#) (1)
 - [Hair Dryer](#) (1)
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Step 1 — Hydration Bladder Leak Repair



- Remove the hydration bladder from inside the backpack.

Step 2



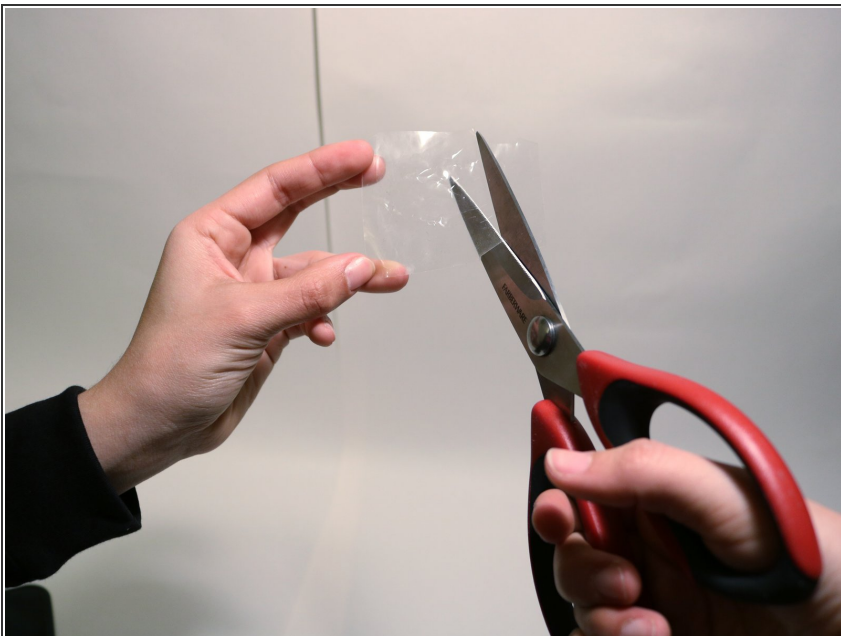
- Check the bladder and pipe to locate any scratches or leaks.
- ⓘ It may help to fill the bladder up with water to check for additional tiny leaks which could be harder to locate than leaks on the pipe.

Step 3



- Rinse out the pipe to clear any clogs.

Step 4



- Cut appropriate size tenacious tape to patch the leak on the bladder.

Step 5



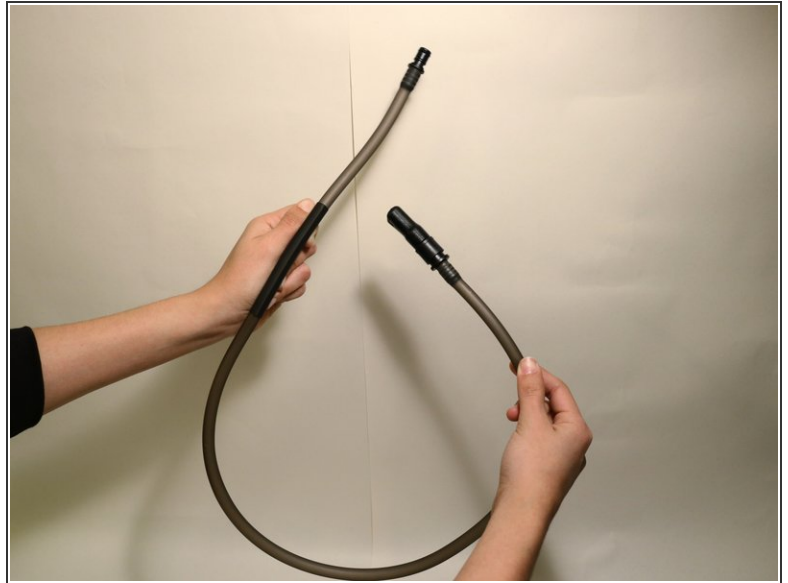
- Seal the leak on the bladder with tenacious tape.
- ⚠ Do not try to use regular tape as it will not seal correctly.
- Smooth out all the edges and apply pressure for approximately one to two minutes.

Step 6



- Slide the heat shrink tube over the pipe and hold tightly in place over the ruptured area.

Step 7



- Using a hair dryer, apply heat to shrink the tube until it is tightly sealed in place.
- ⓘ This process may take 20-35 minutes depending on the power of your heat source.

Step 8



- Reinsert the pipe back into the bladder and twist lock it back into place as shown.
- ⓘ Make sure you feel it snap back into place and listen for a "click" sound.

Step 9



- Slide the bladder itself back into backpack and pull the pipe out through the opening as indicated and your bag is good to go!

To reassemble your device, follow these instructions in reverse order.