



How to Fix a Broken Water Pipe

Fixing a broken pipe end and extending it to where it needs to go.

Written By: Lionexis Rodriguez



INTRODUCTION

In this fix we will be learning how to fix a broken pipe with materials you can find laying around without having to buy a whole new pipe. In many homes this is a very common issue, water pipes often break and people end up buying a whole new pipe. In order to help the environment it is essential that we use the resources we have to their fullest potential, this is an easy fix, like it happens with pipes water hoses are often thrown away when they start leaking. Here we can use an old hose in order to fix the broken pipe and I will show you how.

TOOLS:

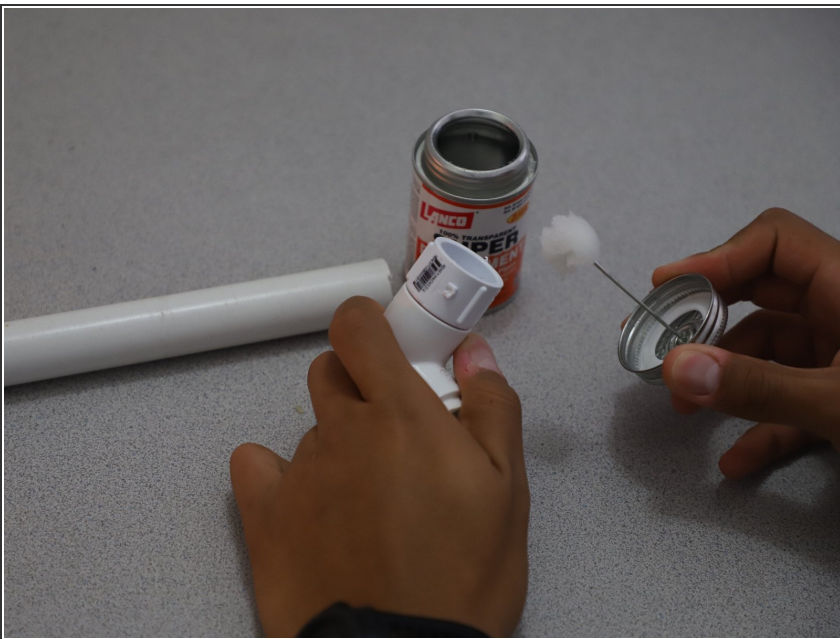
- [5 ft Fresh Water fill hose](#) (1)
 - [Thick-Wall PVC Pipe Fitting Bushing Adapter, 1-1/2 Socket Male x 1-1/4 NPT Female](#) (1)
 - [Clear Silicone Sealant](#) (1)
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Step 1 — Joint



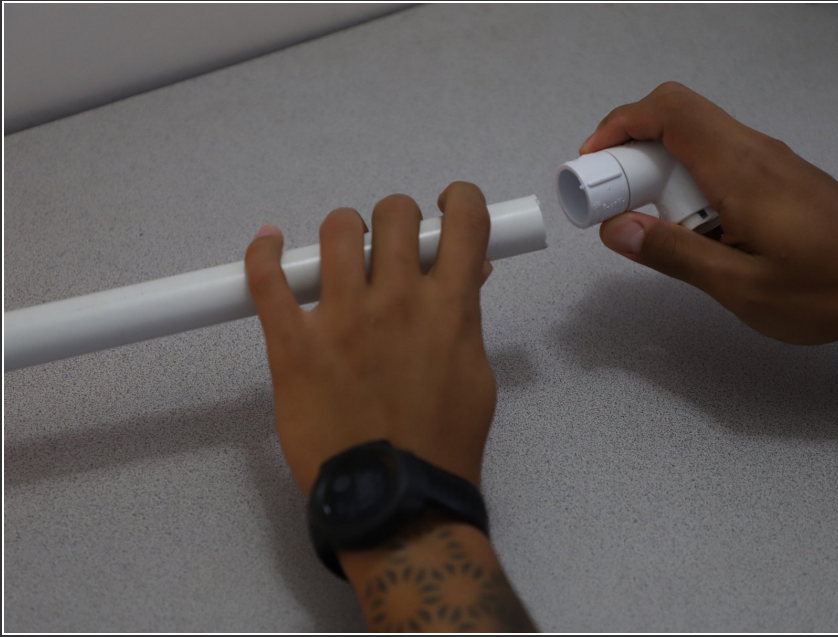
- Make sure the adapter fits the broken end of the water pipe by fitting the adapter without the sealing glue. (Just in case it is not the correct measurement.)

Step 2



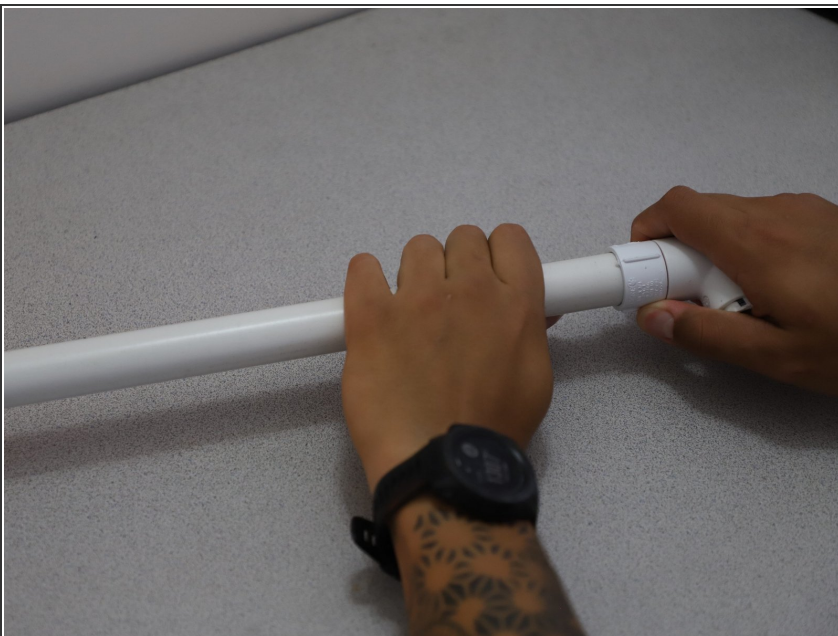
- After reassuring it fits, apply waterproof sealant to both the pipe end and the adapters end.
- ☑ The sealant glue goes on both ends, both the pipe's and the adapter's end.

Step 3



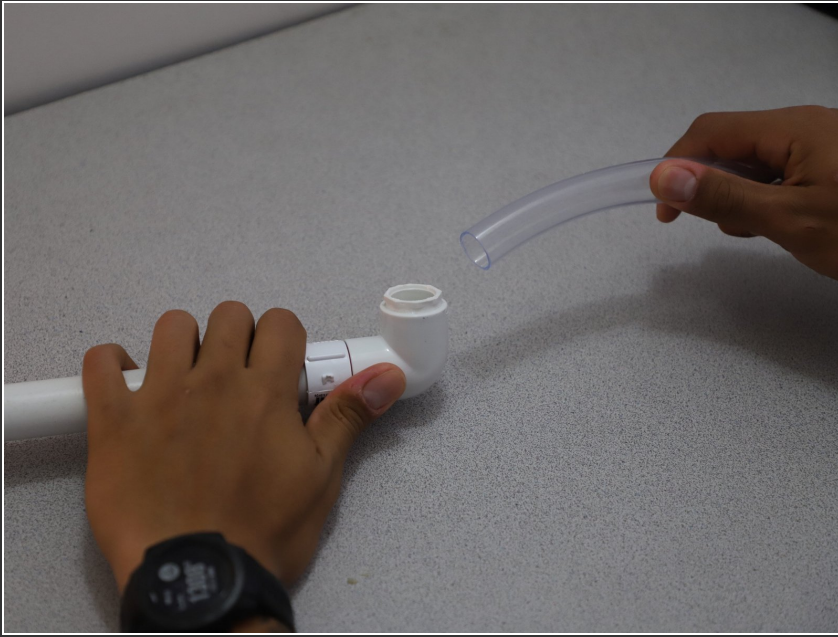
- Before the sealing glue dries out, insert the broken pipe to the adapter.
- ⓘ The glue dries very fast and if it does before placing the adapter on the pipe, it will not fit.

Step 4



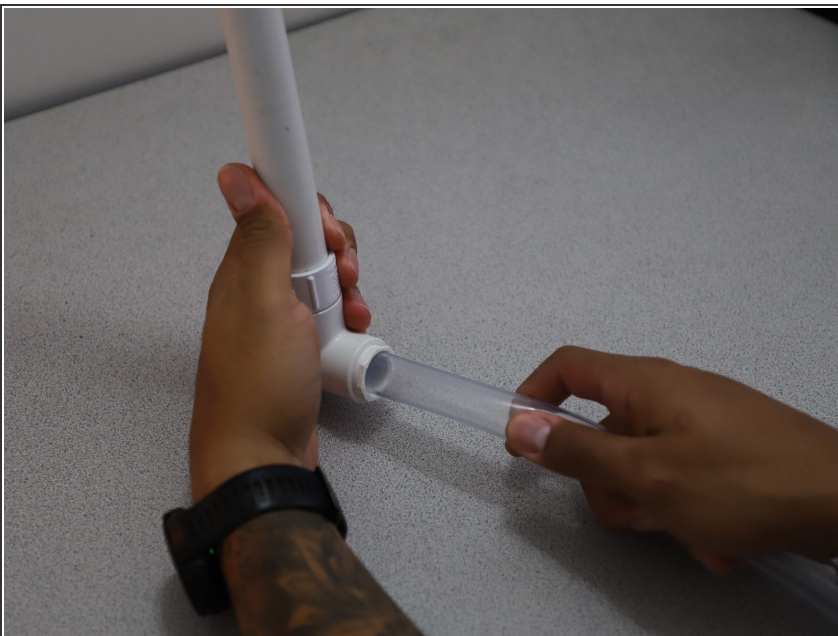
- Hold the pipe in place firmly for a couple minutes until it is completely sealed and dry.

Step 5



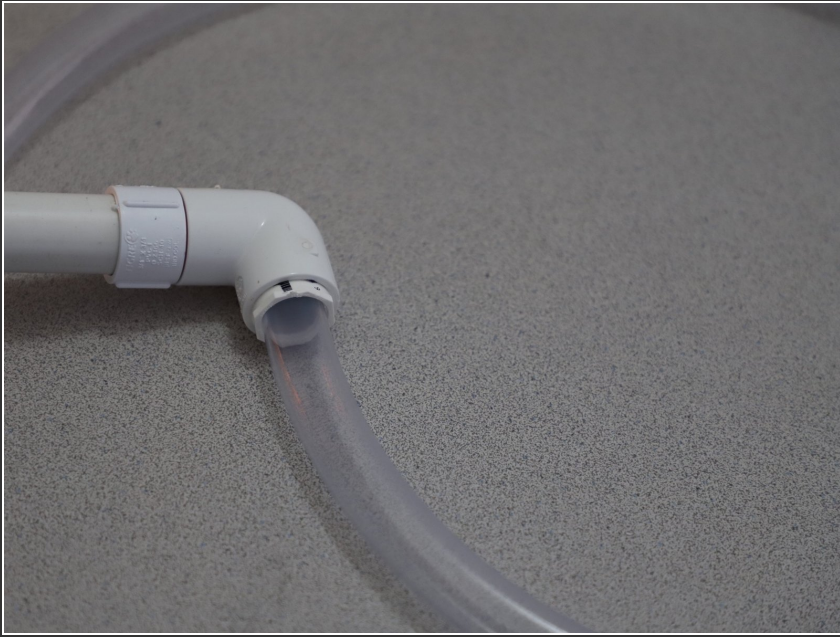
- Apply sealing glue to the other side of the adapter and the water hose and insert it.
- ⓘ On this side, it may need more glue in order to prevent any leaking.

Step 6



- Hold it in place until it's completely dry.
- ⓘ It will help to push the hose as far in as it can go.

Step 7



- Make sure it does not leak on any of the sides.
- ☑ Once you are sure it is completely dry, run water through the pipe to ensure there are no leaks.

Step 8



- Measure and cut hose to go wherever you need it to go.
- ⓘ For a better looking job, you can run the hose through all the corners so it is not that visible and it looks more professional.

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