

# Repairing A Hose Timer, Version 1.0

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This \$18 garden hose timer worked well until I pulled on the hose a bit too much. The thought of adding a strain relief to the hose arrived moments after seeing most of the timer lying on the ground.



Ah, but I have a lathe and a junk drawer filled with bits of PVC.



I chucked up a scrap with a T in it. A short length of pipe stuck out the end. Then I turned the end for a tight fit into the body of the timer before parting it off.



I bored out the end for a tight fit to the pipe that broke off.

It all took about 5 minutes.

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Using PVC primer and cement, I welded the parts together.

Taking the timer outside, I pressure tested my repair. The spigot was made of PVC, so that weld held nicely.

The body of the timer was not PVC, so it quickly cut loose.

After scraping out the uncured primer and cement from the timer body, I applied a plastic cement. After waiting 24 hours, I reran my pressure test.

This time the joint held, but the crack started to weep a little water. I went back to my shop where I coated the cracked area with more plastic cement.

Under pressure, I see a small leak around the joint, but it is tolerable. I plan to pressure test it for a few hours before I trust the repair.

If I had some ABS/PVC cement on hand, I think it would have given me a much better joint.

Even if the repair ultimately fails, it was fun and satisfying.

I welcome your comments and questions.

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