

Howdy,

It's Dylan here from Hammerpedia. I'm the guy who makes those plumbing tutorials on Youtube.

An old plumber once told me there are...

### **3 things every plumber needs to know:**

1. Payday is on Friday
2. Crap flows downhill
3. Don't bite your fingernails

Well that's pretty funny, but that old plumber was actually right about more than one thing.

In particular, crap does flow downhill. And it's crucial to put the right amount of slope on your pipe to ensure it drains properly.

And since everybody wants good drainage...**I'm about to reveal a trade secret you'll use the rest of your life.**

Here's the important thing to realize:

**ALL plumbing codes specify  $\frac{1}{4}$ " slope (per foot) on a drain pipe.** This slope allows the pipe to drain correctly.

But how in the world do you put  $\frac{1}{4}$ " slope (per foot) on a drain pipe???

Here's what most DIY Plumbers do (**DON'T DO THIS**):

1. Find a reference point to measure from. (Hmmm...these old floor joists should do the trick)
2. Get out the ole trusty Stanley Tape Measure.
3. Measure the distance from the top of the pipe to the bottom of that bowed floor joist. (Let's say it measures  $6\frac{7}{8}$ " )
4. Now it's time to multiply fractions (fun):  $\frac{1}{4}$ " x 10 feet =  $2\frac{1}{2}$ " of total pipe slope.
5. Now it's time to add fractions (more fun):  $2\frac{1}{2}$ " +  $6\frac{7}{8}$ " =  $9\frac{3}{8}$ "
6. Secure end of pipe run  $9\frac{3}{8}$ " from bottom of floor joist (and hope for the best).

Oh..did I mention you're trying to accomplish this FEAT in a dark crawl space?

**Luckily, you're about to learn a smarter way to slope drain pipes.**

And by the way, this process does not involve a tape measure nor any math in a crawl space.

Instead we use our brain and a level.

The process is called, "Breaking the Line."

Here's my ridiculously easy **2 step process to slope drain pipes:**

1. Put your level on the pipe.
2. Adjust the pipe until a quarter of the bubble is breaking the level line.



3. (Optional Step) Congratulate yourself and brag to your wife and friends about how great your pipes drain because you just mastered the fine art of pipe slope.

So there you have it...

My simple 2 step process to slope pipes so they drain perfectly.

**Keep on the lookout for my next email** where I'll reveal another great tip that'll take your plumbing skills up another notch.

Talk Soon!

Dylan

**P.S.** I need your advice. Reply to this email and let me know the “SPECIFIC” plumbing topic you need to learn more about. I read every email and use this information for article and video ideas.