





Tools you'll need...

- Gas or laser level
- Sketch of your home for note taking
- Journal or spreadsheet to track changes
- Crack monitor

Red Flags! (these items require immediate attention)

-  Cracks that grow and shrink in size
-  Foundation walls that are visibly bowed or leaning
-  Crumbling mortar on stone foundations
-  Elevation Survey results that show a sloping floor



With over 60 years of combined experience in construction, we're professionals that you can trust!

Overwhelmed by all this work to find out if your foundation is moving? Call us today to schedule your **FREE** evaluation instead!

Peak Structural, Inc

600 17th St, Ste 2800 South
Denver, CO 80202

Phone: 303-243-3028
www.peakstructural.com

Peak Structural does offer Engineering analysis letters. Please contact us for rates, limitations, and appointment availability.



Much like your car, your foundation functions best with annual maintenance

Your Guide to Annual Foundation Maintenance



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Inspecting Your Foundation...

Step 1: Drawing Your Home's Footprint



It's important to have a basic sketch of the outline of your home to

take notes on. You can use graph paper, a drawing program on your computer, or just a hand-drawn outline on regular paper.

Step 2: Checking Your Windows and Doors

Next, go through your home and check that the windows and doors open and shut properly. Check the alignment between the frame and door or window for gapping. Make notes on your footprint to indicate misaligned doors or windows.



Step 3: Checking Your Floor

As you're walking through your home, note any abrupt changes in the floor, such as cracks, sudden drop offs or rises, etc. Make notes on your footprint to indicate any flooring issues.

Don't hesitate to call the experts at Peak—we'll do all of this and more for just \$88!

If you have any questions about your foundation, please give us a call—we're here to help. Foundation repairs don't have to be costly, but waiting to address these issues can lead to more serious problems!

Step 4: Checking Your Walls and Ceiling for Cracks

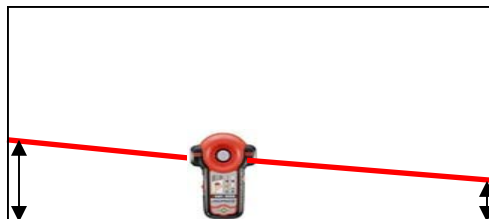
Inspect your drywall for cracks or separation. Make notes on your footprint to indicate where cracks are in your home. In your journal, note the direction, width, and severity of the cracks.



Step 5: Using a Gas or Laser Level to Perform an Elevation Survey

While a gas level is the most accurate, most homeowners don't have one available, so you can use a standard laser level. Here's how: set the laser level *on the floor* of your main level pointing toward the walls. Measure the difference between the red laser line and the floor on one side of the room and compare it to the distance between the laser line and the floor on the opposite side of the room.

If you notice a difference, then you should have a system specialist from Peak Structural come out to measure your home with a professional gas level—your floor could be sloping.



Step 6: Checking Your Interior Foundation Walls

In this step, you will want to check



your basement or crawlspace foundation walls for cracks. The best way to determine if you are experiencing foundation movement is to install a crack monitor. These devices are attached to your wall and will show you if movement in any direction is occurring.

Step 7: Inspecting the Exterior of Your Home

Finally, check the outside of your home, especially chimneys and patios for shifting, sinking, or other movement. On the right, you can see where a chimney base has sunk away from the rest of the structure.



Step 8: Vintage Homes and Stone Foundations

Fact: Like classic cars, stone foundations need special care. Make sure to check the mortar between stones—if you can crumble the mortar when scraping it, you need to have the mortar replaced. Check out our website under "Stone Foundation? —Shotcrete" to find out more!

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