

### Gutter Guard Installation Procedure

Thank you for your purchase of the “Raised Pattern Screen Gutter Guard” one of the best performing gutter guards on the market today! With these step by step instructions, this product is perfect for any Do-It-Yourselfer. However, careful attention to the install instructions is highly recommend ensuring your gutter guards work properly and last for years to come. Visit our website for more in depth details and tips on proper installation: [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com)

**\*\*\*When installing Gutter Guards, always make Safety your top priority, use your ladder, tools, and equipment correctly\*\*\***

#### Tools needed:

- Rechargeable Drill & 1/2' Self Tapping Hex Screws and Magnetic Nut Setter. 

- Metal cutting snips (Aviation type recommended) 

- Silicone Caulking, Clear, 100% (GE brand, 4 oz tube works best) 

- The correct Ladder and safety equipment 

- Gutter scoop & gloves (to clean the gutters with). 

- Permanent Marker for marking cuts & bends 

**Check Our  
Website For  
Installation  
Videos**

#### Tips For Installation:

- Clean gutters before installing your gutter guards.
- Install the gutter guard at an angle -so the wind can blow off debris & leaves- or “naturally self-clean”. Installing with flat can lead to build up.
- Install the inside and outside corners first, then fill in the straight sections in between.

#### Installing Your New Gutter Guards:

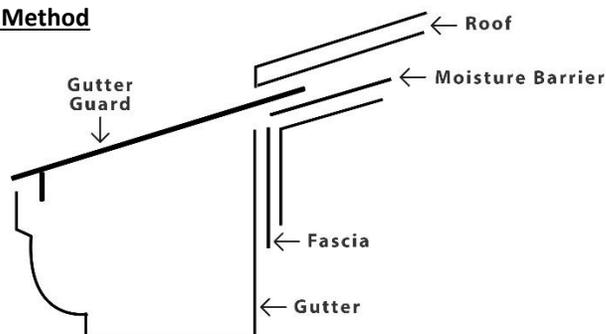
##### Clean Gutters and downspouts before installation

Clean out the gutters using a plastic gutter scoop and bucket. Always use gloves!

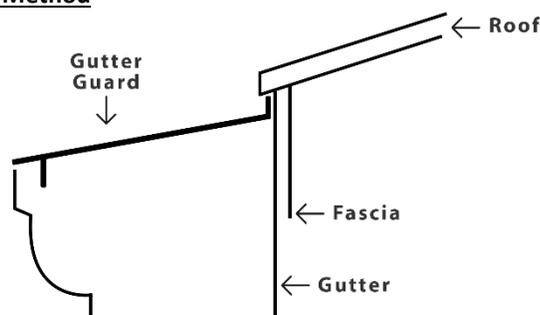
**Pro-Tip** Clean out the gutters as you install the gutter guard! Just clean out a section of gutter putting the debris in the bucket, install the gutter guard, then move the ladder and repeat.

**\*\*There are TWO (2) methods of installation. Read carefully and choose the method that works best for your home\*\*.**

##### Under Shingle Method



##### Fascia Method



**#1- Under the Shingle Method:** This method requires the rear rail of the gutter guard to be installed between the roof shingle and the moisture barrier (or tar paper). The rear rail guard is supported by the roof deck, the front rail guard is attached to the front lip of the gutter.

1. Lift the roof shingle up 1". Take care not to Damage or Cut the moisture barrier.
2. Install the rear rail under the shingle and on top of the moisture barrier.
3. Pull the product forward allowing the front lip of the guard to meet up with the front lip of the gutter.
4. Use the Magnetic Nut Setter to fasten the self-tapping hex screw and secure the guard to the front lip of the gutter. Screws should be installed every 12-18 inches

**Optional:** Install a small silicone bead to seal the end mesh or any small gaps. (Details [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com) )

**Pro-Tip** Typically, the angle of the guard installed using this method is enough to allow debris to “naturally self-clean”. For more details, visit [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com) for pictures and step by step instructions

**#2- Fascia Install Method:** This method requires the rear rail to be bent either upward or downward at a 90° angle in order to mount the rear rail to the fascia board or rafter board with a screw. The fascia method requires bending the Gutter Guard rear rail (up or down) along the entire length of the gutter guard and attaching the raised back rail of the gutter guard to the fascia (**not** under the roof shingles). The bend should be up if the rain gutter is **more** than an inch below the roof, or it can be bent down if the rain gutter is installed **less** than an inch below the roof. The gutter guard is then “fitted” over the gutter open area, just under the roof shingle by installing a screw into the front rail and the gutter lip, then installing a screw in the back rail and into the fascia board.

### **Bending the rear (back) rail for fascia mounting**

1. Measure the rain gutter opening from the fascia to the edge of the rain gutter’s front inside lip.
2. Make the measurement 1/8” less than the actual length measured (measure on the gutter guard from the “front rail stop” towards the back rail) **Example:** If your measurement comes to 4” you would mark it at 3 7/8” giving you a 1/8” bend.
3. Mark the Gutter Guards at both ends with a marker, draw a line on the underside of the gutter guard.
4. **Bending the back rail/mesh area to a 90° angle:** There are several ways to do this, either use a hand “clamp” or hand “plyers” to bend, or use two 1” x 2” boards 5ft. long and some clamps to pinch the rear rail/mesh and bend (see website [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com) for more details) .



**Pro-Tip** Use sheet metal sealer pliers for bending guard (available at Harbor Freight Tools \$16)

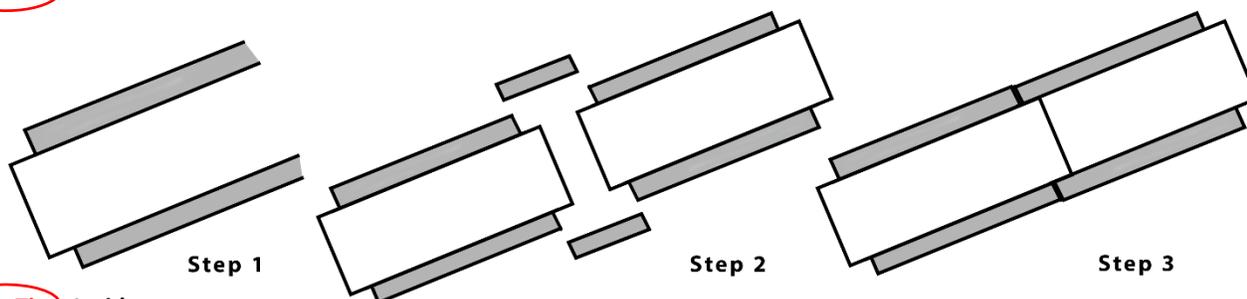
### **Cutting the Gutter Guard:**

#### **Straight cut or Outside cut:**

Using metal cutting snips:

1. Using a permanent marker, draw a straight line across the entire width of the gutter guard where you plan to make a cut.
2. Start by cutting the front rail, then cut back rail, finish by cutting the mesh screen.

**Pro-Tip** When cutting the screen, leave it ½” longer than the frame (to fold down and make an end-seam)



**Pro-Tip** **Inside corner cut:**

When flat, a 45° angle is used, but as the slope increases, the cut angle on the gutter guard **DECREASES**.

**Example:** on a 4/12 pitch roof, cut at a 43° angle. This allows the gutter guard rail to move closer together keeping a good seal while the roof angle decreases.

**Pro-Tip** **Outside corner cut:** When flat, a 45° angle is used, but as the slope increases, the cut angle on the gutter guard **INCREASES** as well. **Example:** on a 4/12 pitch roof, cut it at a 48° angle. This allows the gutter guard rail to move farther apart keeping a good seal while the roof angle increases.

**End cap installation:** There are several ways to make “end-caps” or cap the ends.

1. Cut 2 inches off both the front and back Rails only, leaving an extra 2 inches of only the mesh screen, fold the mesh downward at a 90° angle and install the gutter guard with the screen trimmed to fit as the end cap.
2. Bend up the endcaps top ridge of the gutter, fold the mesh downward so it sets flush on the endcap, then seal the gap with silicone. (Details [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com) )

**Pro-Tip** The best results for endcap installs is to not have a gap at all, seal up all gaps with silicone. This will stop bees, wasps, and other insects from nesting in your gutters.

If you need further assistance, Visit our website at [www.gutterguardinstructions.com](http://www.gutterguardinstructions.com) for more pictures, tips and frequently asked questions.