



The Nation's **Most Trusted** Gutter Guards™

We are honored that you chose our gutter guard to protect your home!

IMPORTANT: Please contact our Customer Service Team for product and installation support.

Toll Free: 844-359-7689

Monday – Friday

8am to 5pm PST

Email: CustomerService@Gutterglove.com

Website: RaptorGutterGuard.com

TOOLS YOU MAY NEED



Extension Ladder and Ladder Standoff to push ladder away from gutter.

Safety:

We recommend you wear gloves and safety glasses.



Drill for self-tapping screws.

IMPORTANT: All gutter guards can cause icicle formations in freezing climates. (Refer to Page 3)



New or freshly sharpened straight cut **Tin Snips**.

*Another option for cutting the gutter guards is a **Hacksaw** with a new blade.

Before You Begin - 6 Things to Know:

1. Install Method and IMPORTANT Reminders	2
2. Determine Slope of Gutter Guard	3
3. Choose Install Method	4-5
4. Don't Miss These Steps!	6
5. Install Basics	7
6. How To Bend The Mesh	8-9
• Maintaining Your Gutter Guards	10
• 25 Year Warranty	12

Install Method - Screw It On:

You can **Screw it on** with the supplied self-tapping screws (use 3 screws per 4 foot section).



SCREW IT ON: Use 3 self-tapping screws per 4 foot section. The supplied screws self-drill a hole while being screwed through the front edge of the gutter guard into the front lip of the gutter. A magnetic Hex Head Driver Bit is also included. If you need additional screws for your installation, please contact customerservice@gutterglove.com or call 844-359-7689.

IMPORTANT Install Reminders:

Prior to installing gutter guards, ensure you clean out your gutters by clearing them of all leaves, pine needles and other debris including your downspouts.

Also, complete any repairs to your gutters and downspouts as needed.

If your roofing material is adhered to your underlayment, **do not pry up your shingles or tear your underlayment**. Use one of the bending methods shown on Pages 4 and 5 instead.

When installing gutter guards, make sure to obey local building codes.

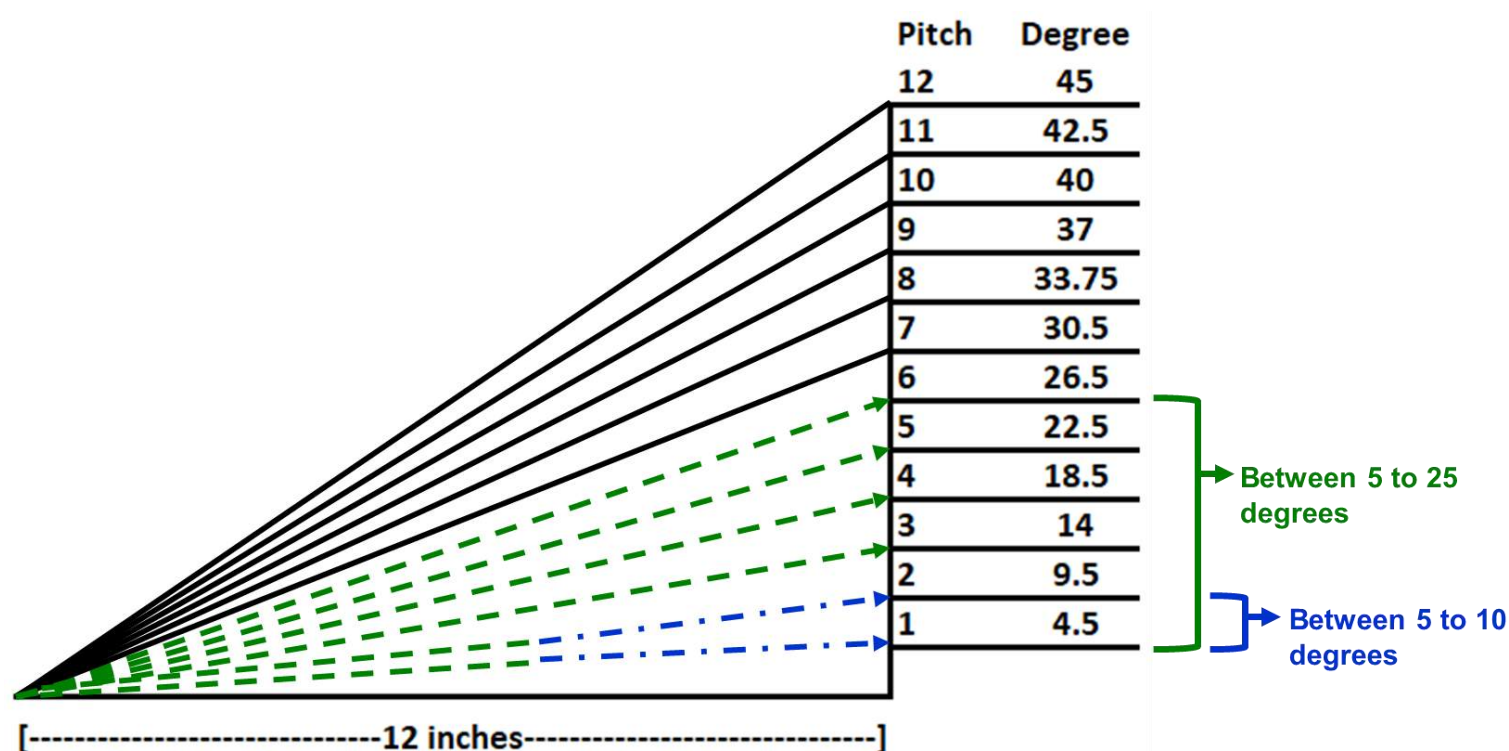
Support

844-359-7689

customerservice@gutterglove.com

Determine Slope of Gutter Guard

The ideal **slope of the gutter guard** is between **5 to 25 degrees**. However, if your roof is **steeply pitched** or your **gutter is hung low**, it is recommended to drop the slope of the gutter guard to between **5 and 10 degrees**.



FREEZING CONDITIONS: If you live in an area that is prone to freezing, the following issues can occur with any gutter guard:

ICICLES & ICE DAMS can form on your gutter during freezing conditions. Ice dams can cause water to leak back into your home. Icicles can break and cause serious bodily harm and injury. Properly installed, operated and maintained heating elements on your roof and gutter can melt icicles and ice dams. Use a local licensed electrical contractor in good standing for installing any heating element products.

SNOW MELTING and running down your roof can run off the side of the gutter and refreeze on the ground below. Water frozen on surfaces can create slipping hazards and cause serious injury and bodily harm.

Choose Install Method

Select the diagram that best resembles your gutter and roof configuration. This will determine your recommended installation method. Once you have selected a diagram, continue to the Install Basics.

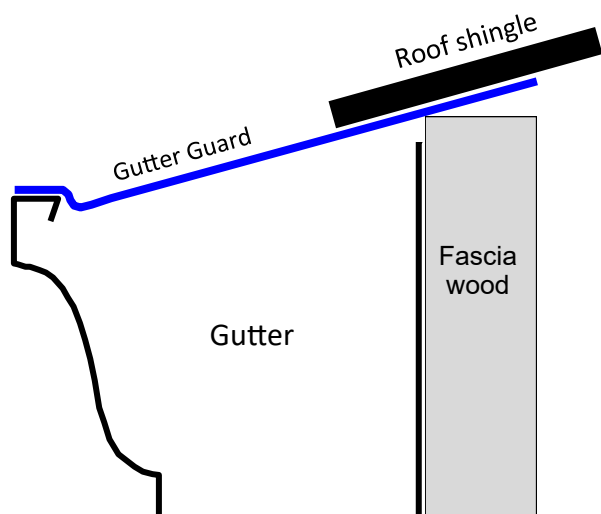


DIAGRAM A

Traditional gutter and roof configuration: Slide gutter guard under roof shingles.

IMPORTANT: If your roofing material is adhered to your underlayment, do not use this method, use either bending method in Diagram B to install your gutter guard.

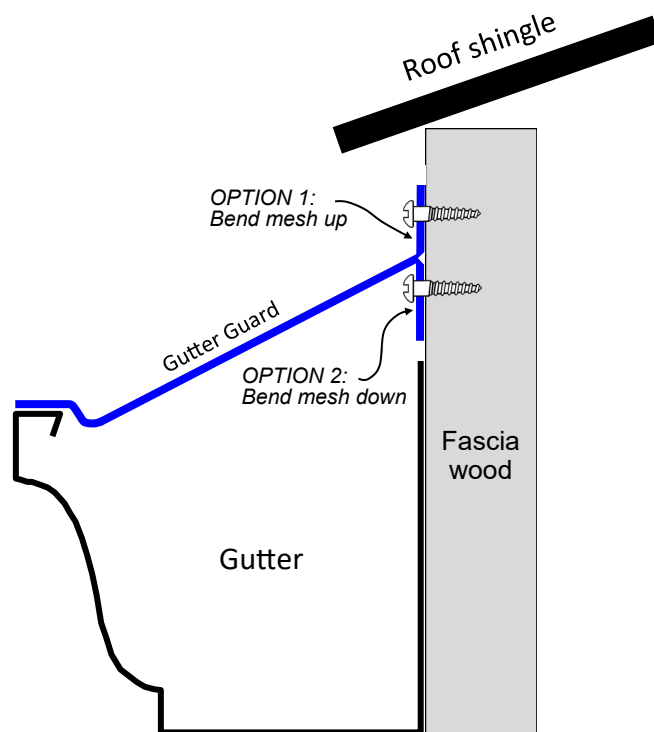


DIAGRAM B

Gutter hung low: Bend mesh either up or down, then fasten to the gutter, drip edge or fascia with screws.

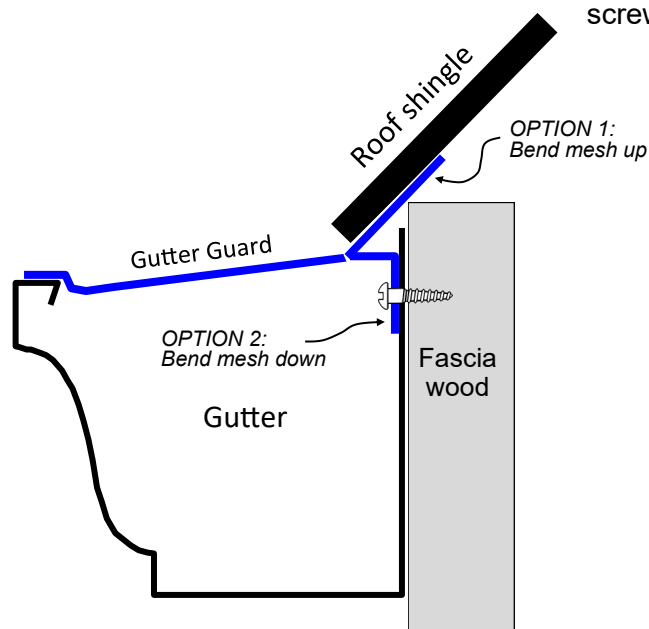


DIAGRAM C

Steep roof: Slide it under the roof shingle, if it causes the roof shingle to ramp up or your roofing material is adhered to your underlayment, see diagram F and bend the mesh up or down and fasten to the gutter, drip edge or fascia with screws.

Support
844-359-7689
customerservice@gutterglove.com

Continued...Choose Install Method

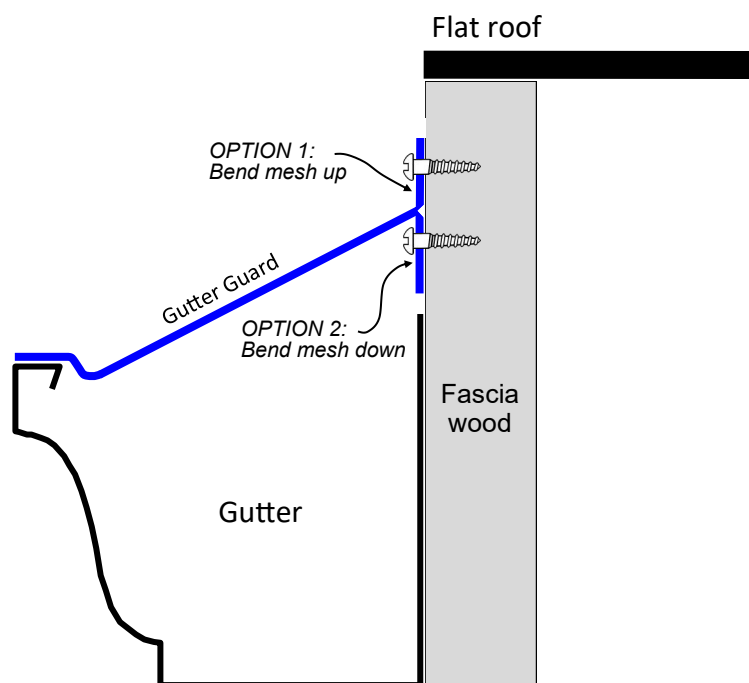


DIAGRAM D

Flat roof: Bend the mesh up or down and fasten to the back of the gutter, drip edge or fascia with screws.

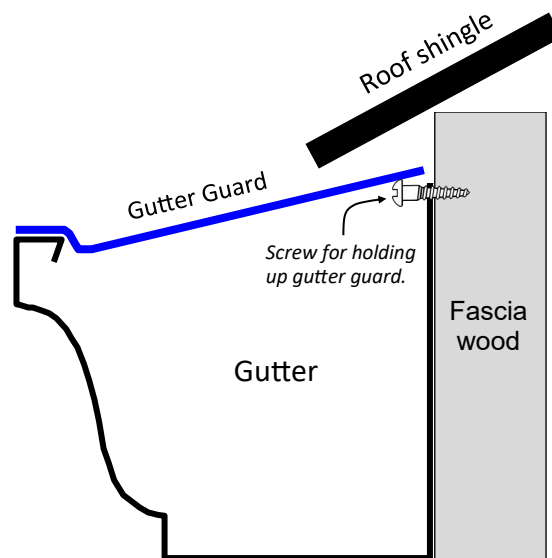


DIAGRAM E

Use screws to hold up gutter guard: If the gutter guard isn't wide enough to slide under the roof shingles, put 3 screws in the back of the gutter, drip edge or fascia to hold up each section of the gutter guard, then use 3 screws to secure the gutter guard to the front lip of the gutter.

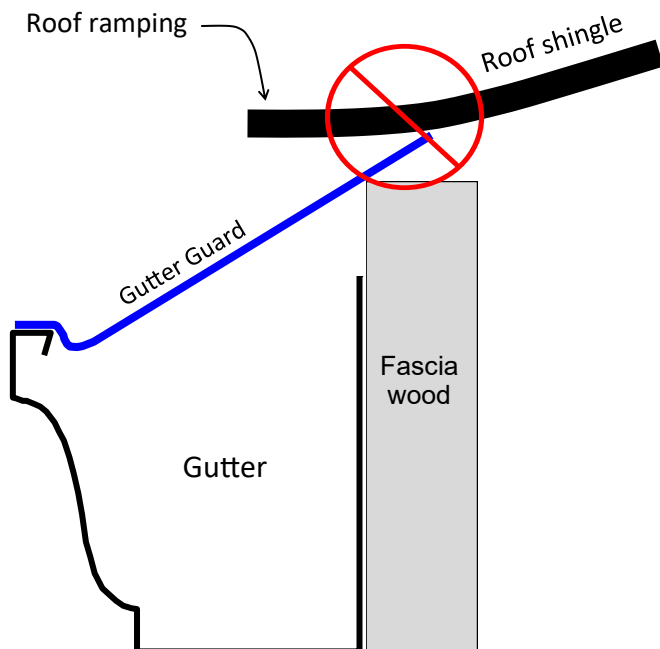
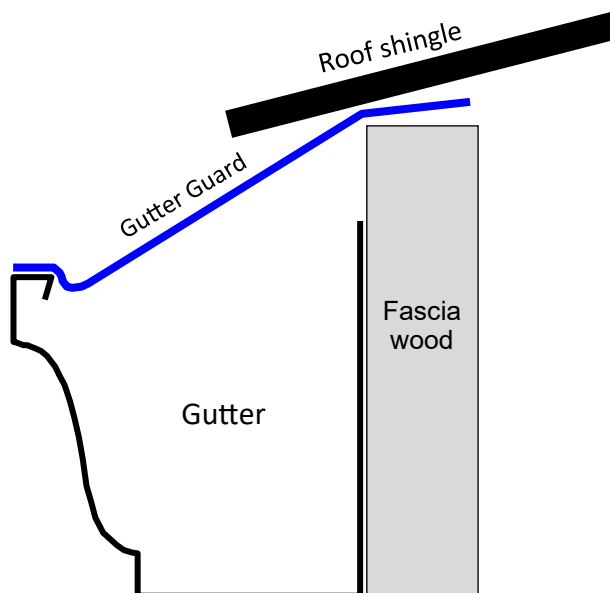


DIAGRAM F

Roof ramping: If the gutter guard causes the roof shingles to ramp up, bend the mesh down at an angle and then slide the gutter guard under the shingle or use either bending method in Diagram B.



Support

844-359-7689

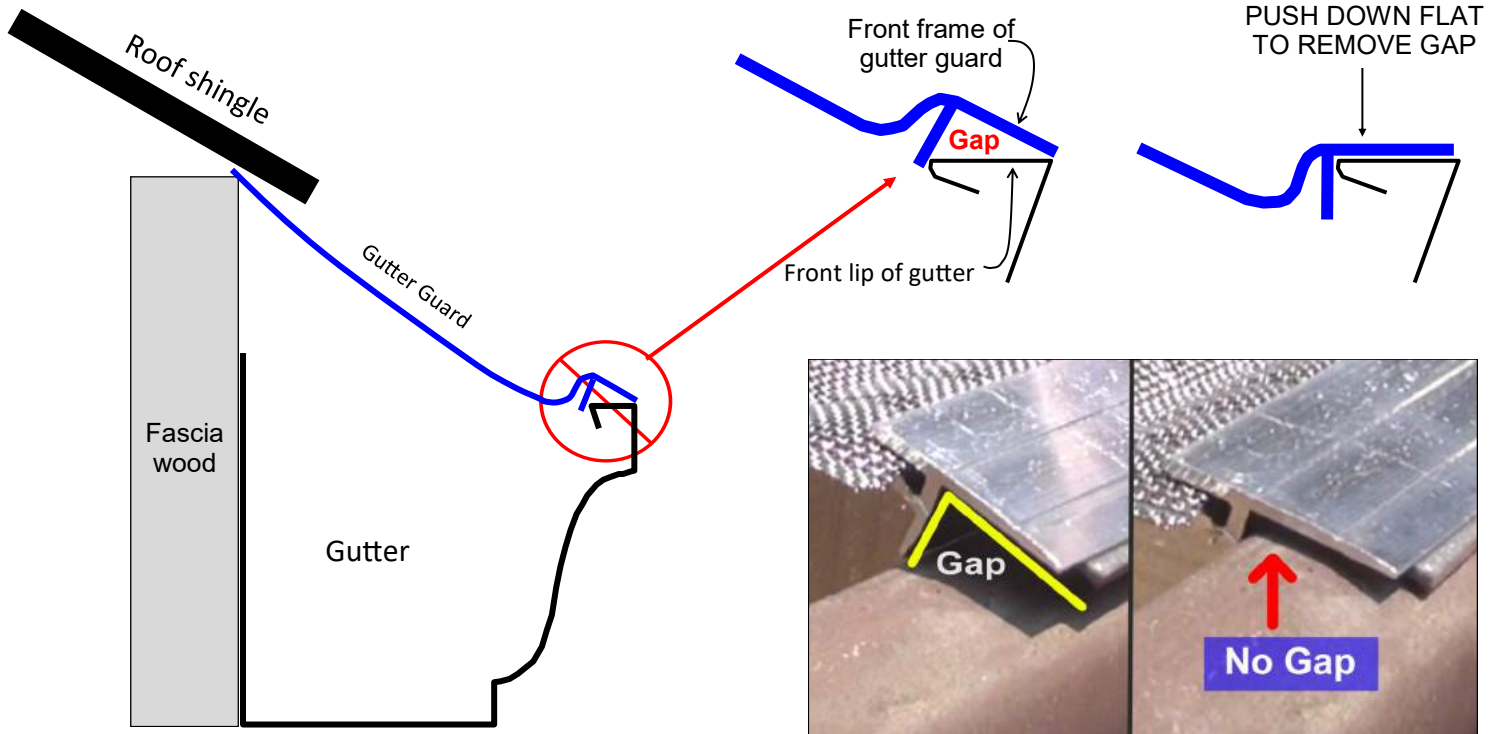
customerservice@gutterglove.com

Don't Miss These Steps!

Follow these rules to ensure proper installation of your gutter guard.

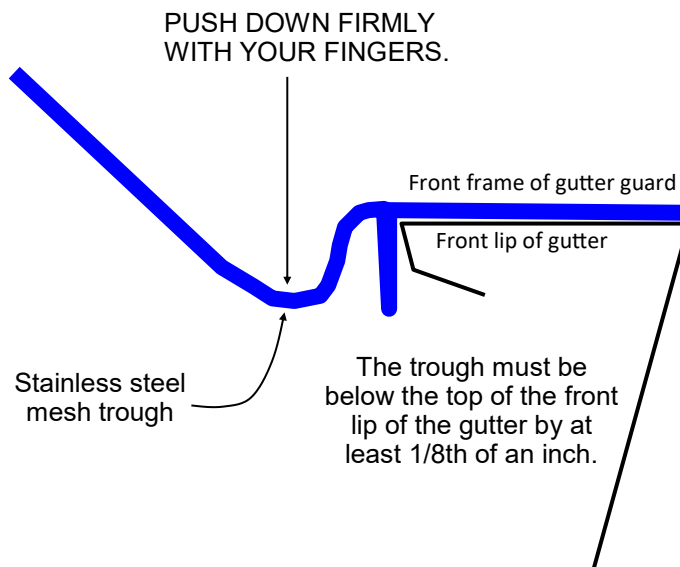
RULE #1

Remove gap: Front frame of the gutter guard should be flat against the front lip of your gutter.



RULE #2

Trough depth: The mesh trough must be at least 1/8th of an inch below the front lip of the gutter. This adjustment may need to be made on steeply pitched roofs or gutters that are hung low 1 inch or more below roofline.



Support

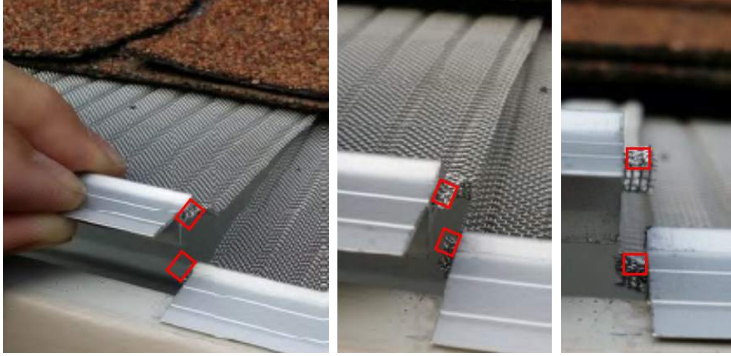
844-359-7689

customerservice@gutterglove.com

Install Basics

JOINING SECTIONS

Trim off the tip of the mesh that extends past the edge of the front rail. Overlap sections together on top of each other.



CUTTING SECTIONS

Cut front & back aluminum rail. Trim mesh. Snap in two.



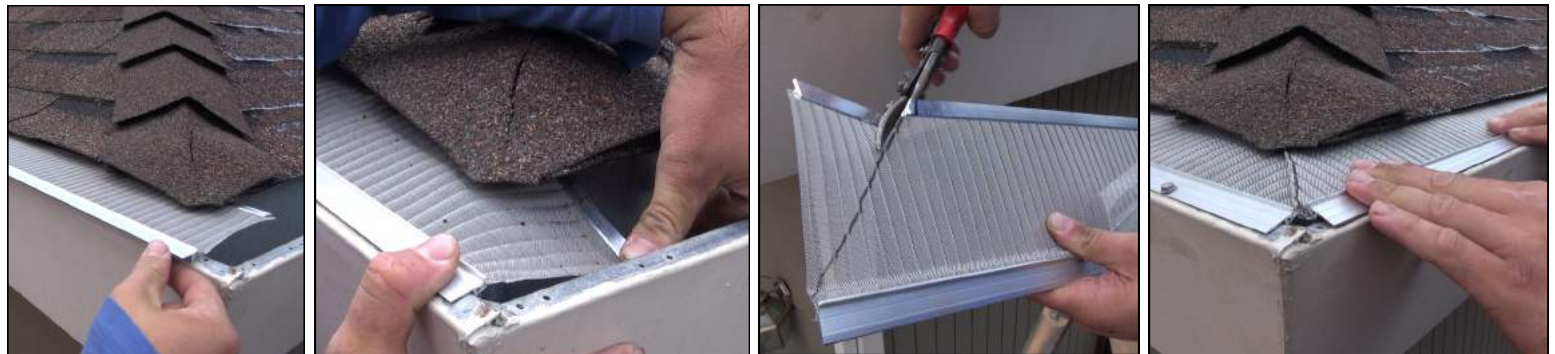
INSIDE MITER

Trim off aluminum ends, exposing mesh. Tuck mesh down inside gutter adjacent to adjoining miter.



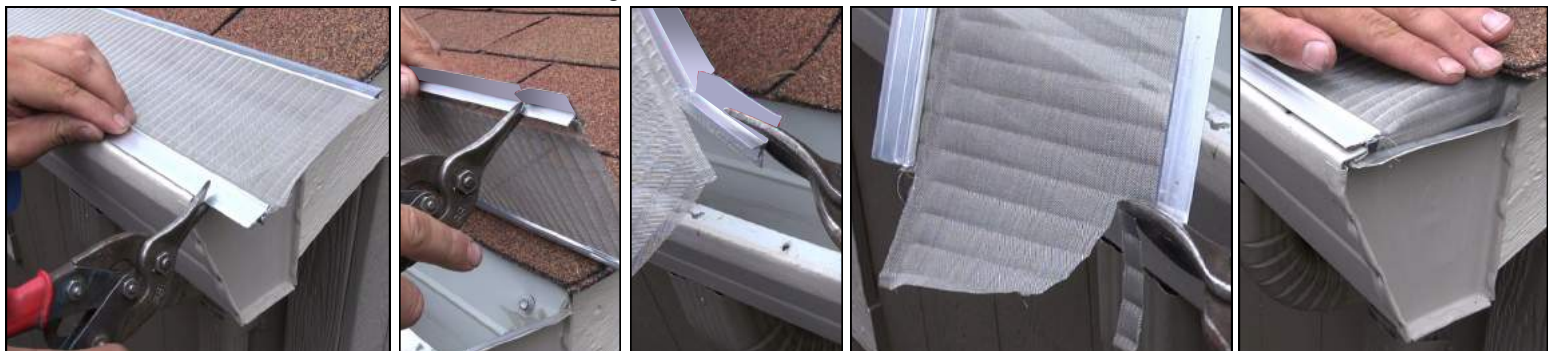
OUTSIDE MITER

Bend one section down in gutter to allow room for adjoining section. Cut adjoining section at 45 degrees.



END CAP

Trim off aluminum ends and then tuck mesh inside gutter.



How To Bend The Mesh

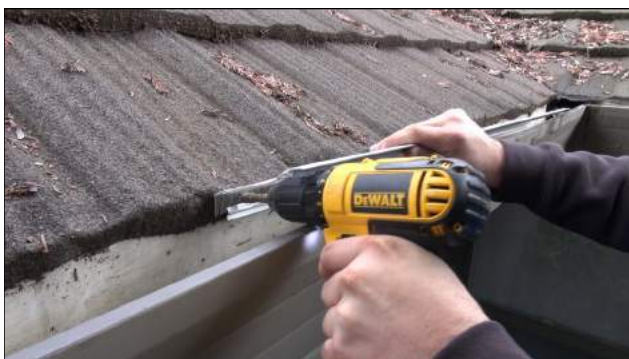
Bending the back of the mesh allows the gutter guard to be installed on all gutter and roof configurations. You will need two 1" x 2" boards 4.5' long and two 4" clamps. Choose a board that has square edges. A square edged board will put straight creases in the mesh when you bend it. Bend the mesh up or down depending on install method chosen.



Support
844-359-7689
customerservice@gutterglove.com

Continued...How To Bend The Mesh

Below are several examples of where you can customize your installation by bending the mesh so the gutter guard is ready to install on any gutter and roof configuration.



Maintaining Your Gutter Guards

"The best part is that the manufacturer [Gutterglove, Inc.] actually tells the truth. It tells homeowners that they will periodically have to clean dried organic debris from the top of the gutter guard." - The Washington Post

How to keep your gutter guards at peak performance.

Your new gutter guards are designed to be easy to maintain. Follow the tips below for easy maintenance.

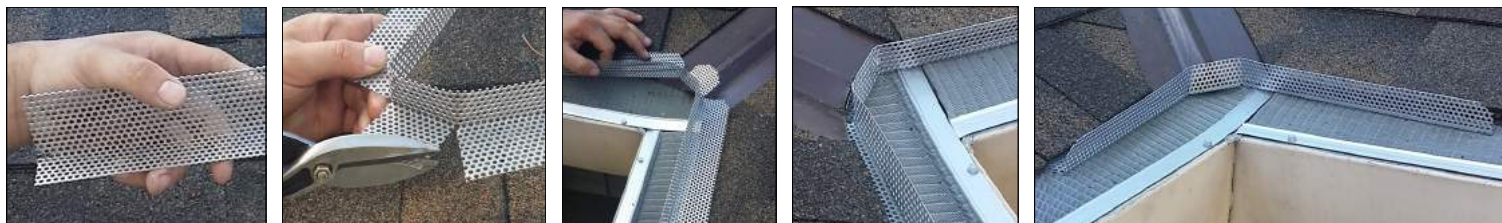
1. Periodically inspect your gutter guards for any debris that may not have blown off, particularly where two sections of your roof come together (valley) or in areas that are protected from wind.
2. Brush off any accumulated debris. We created "The Gutter Guard Brush" for just this purpose. Screw the brush on the end of an extension pole, then from the ground, reach up and brush off the debris. Be sure to wear protective eye wear.
3. Get more information at TheGutterGuardBrush.com.***



***Patents pending

What to consider if you notice rainwater flowing over the front of your gutter.

1. Look on top of your gutter guards and see if there is any debris on them. Follow the maintenance instructions above to remove the debris.
2. Confirm there is no gap between the front edge of your gutter guards and the front lip of your gutter. Be sure that the mesh trough is below the front lip of your gutter. Make small adjustments to your gutter guards per the recommended installation to correct this.
3. If the overflow is occurring where two sections of your roof come together (valley), start by removing any accumulated debris. If there is still overflow, you may need a rainwater diverter. A rainwater diverter (see photos below) helps disperse rainwater over a wider area. The diverter is made out of an aluminum material, perforated with small round holes and attaches just above your gutter guards at the end of your roof valley or other high-flow areas of your roof.
4. Get more information and purchasing details at RainwaterDiverters.com.



Contact our team at 844-359-7689 or customerservice@gutterglove.com for further clarification or additional guidance.



The Nation's **Most Trusted** Gutter Guards™

SUPPORT:

844-359-7689

CustomerService@Gutterglove.com

Visit HOW TO INSTALL page on:

RaptorGutterGuard.com

Register ONLINE: RaptorGutterGuard.com



The Nation's **Most Trusted** Gutter Guards™

25 Year

Limited Parts Warranty

Gutterglove, Inc. (herein referred to as GGI) warrants to the original purchaser that its specially designed Raptor Gutter Guard will be free from defects in manufactured parts and agrees that it will, at its option only, either repair the defect or replace the defective part thereof with a new or reconditioned equivalent. This Limited Warranty is valid for 25 (twenty-five) years for parts only and does not include cost of labor for re-installation. In coastal areas, warranty is reduced to 5 (five) years for parts only. "Coastal areas" is defined as anywhere within 5 (five) miles of the coast. Shipping costs will be absorbed by the purchaser of Raptor Gutter Guard. The above named item is subject to the following terms and conditions. No other warranty is expressed or implied in this Limited Warranty.

Coverage Exclusions and Limitations: The above mentioned warranties are void if any of the following conditions occur: Improper installation; Settlement of building structure; Structural shrinkage or distortion of structure (*Example: warping of roof or gutter over time, etc.*); Vandalism; Hail; Fire; Tornado; Windstorm; Earthquakes; Lightning; Protective liquids or any type of roof preservation product applied to roof tops to extend the life of a roof; Maintenance procedures are not followed properly; Tree sapping on mesh; Insect/bird droppings on mesh; Accidental damage; Acts of God; Misuse or abuse of the gutter guard; Mildew accumulation; Paint overspray; Moss accumulation; Impact of foreign objects; Caustic atmospheric conditions (*Example: Acid rain, harmful chemicals, salt spray, etc.*) or any other causes beyond the control of GGI. It is the owner's(s) responsibility to unclog the mesh in the event it gets clogged. Icicles can form, and ice can form on top of Raptor Gutter Guard in extreme cold weather where snow is present.

GGI's obligation under this warranty shall at no time exceed the original purchase price of this product at time of sale, but not for installation or re-installation costs. This warranty covers only Raptor Gutter Guard and does not cover the gutter or any part of the building structure.

GGI reserves the right to withdraw this warranty from the market at any time. Any and all warranties in effect at the time of removal will not be affected by the withdrawal and will remain in effect until their expiration. This warranty is non-transferrable.

GGI will not be liable to you or any subsequent owner's(s) for a breach of any written or oral express warranties, such as those given to you by a contractor, sub-contractor or installer. Any implied warranties imposed by law, such as the implied warranties of merchantability and fitness for a particular purpose are limited in time to the duration of this express warranty. GGI shall not be liable for any consequential damages for breach of any express, written, oral, or implied warranty on any Raptor Gutter Guard. Your exclusive remedy shall be repair or replacement solely at GGI's option, only on terms stated in the warranties.

Activation of Warranty: This warranty becomes effective at time of purchase. Retain this document with original purchase receipt. Failure to do so will render this warranty null and void.

Claims Procedure: Any claim made hereunder must be presented to GGI within the warranty period within a reasonable period of time after discovering the defect. The claim should make reference to original date of installation, the purchaser's name, address, phone number and a copy of the original receipt.

Contact Gutterglove at 844-359-7689

or at Gutterglove, Inc., 8860 Industrial Avenue, Suite 140, Roseville, CA 95678.