



We are honored that you chose our gutter guard to protect your home! We designed it to fit your gutter, no matter what type of gutter and roof configuration you have. If you need support to complete your installation, our customer service team is standing by.

Phone: 844-359-7689

Monday – Friday

8am to 5pm PST

Email: CustomerService@Gutterglove.com

TOOLS YOU MAY NEED



Ladder & ladder standoff: A ladder standoff is an attachment that connects to a standard extension ladder that pushes your ladder away from the gutter so you can perform the install comfortably without the ladder resting on the gutter.



Drill: For self-tapping screws (included).



Tin snips: There are many brands, styles and designs that will work for cutting the gutter guards. We recommend using straight cut tin snips that are new or freshly sharpened.

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

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Step 1: Choose your gutter and roof configuration

Select the diagram on page 2 or 3 that best resembles your gutter and roof configuration. This will determine your recommended installation method. Once you have selected a diagram, continue to Step 2 beginning on page 4.

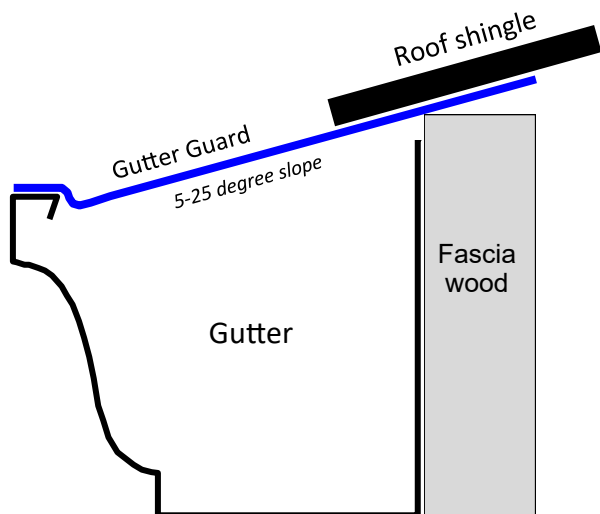


DIAGRAM A

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

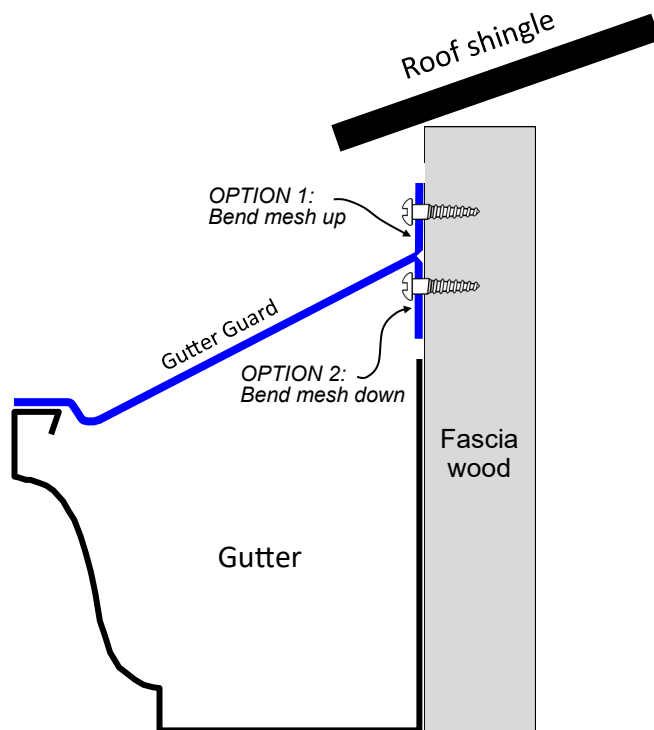


DIAGRAM B

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

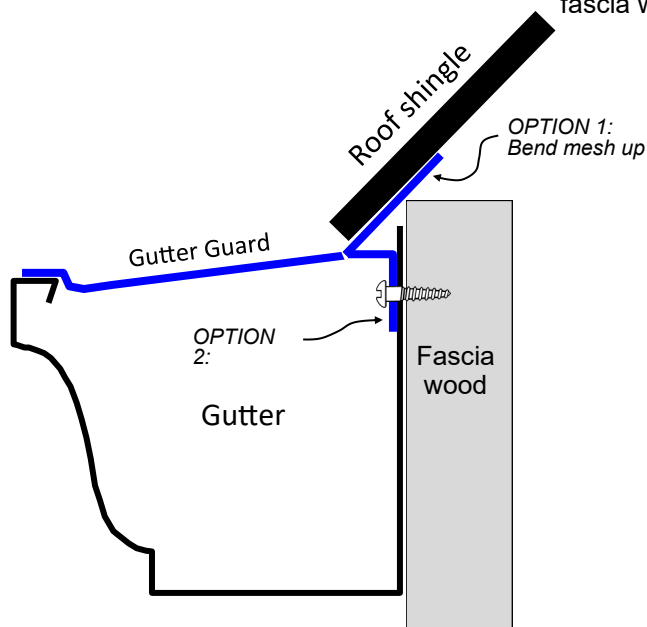


DIAGRAM C

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.

Step 1: Continued...

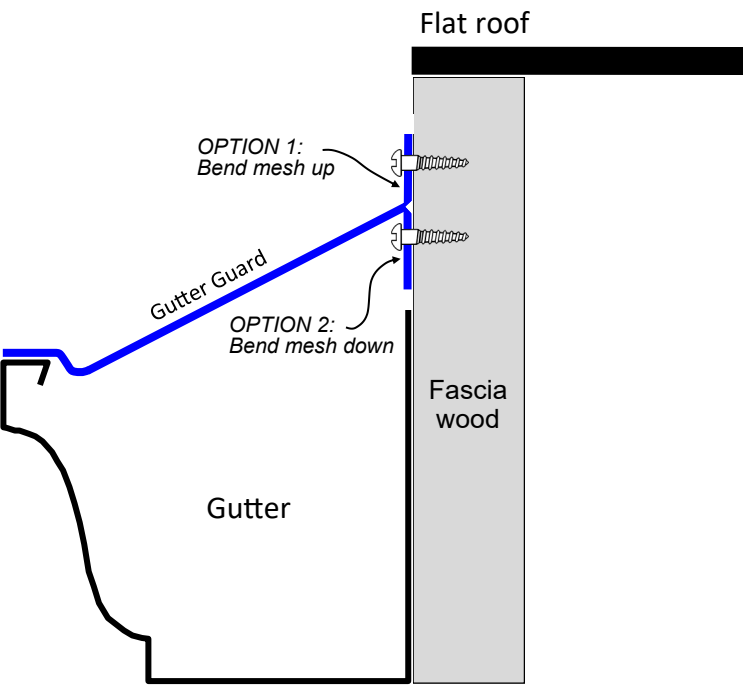


DIAGRAM D

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

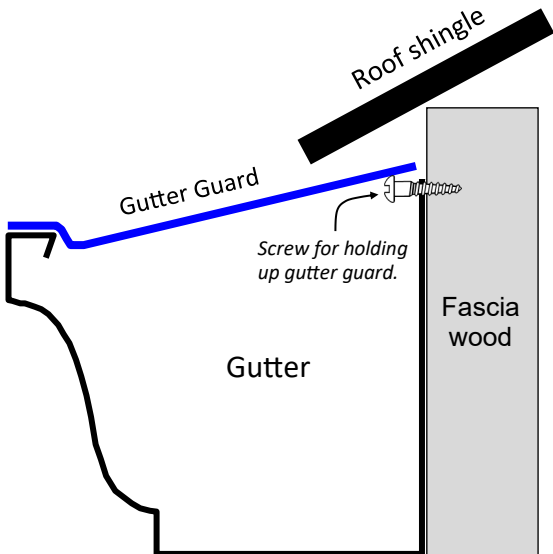


DIAGRAM E

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 the tape method to secure the gutter guard to the front lip of the gutter.

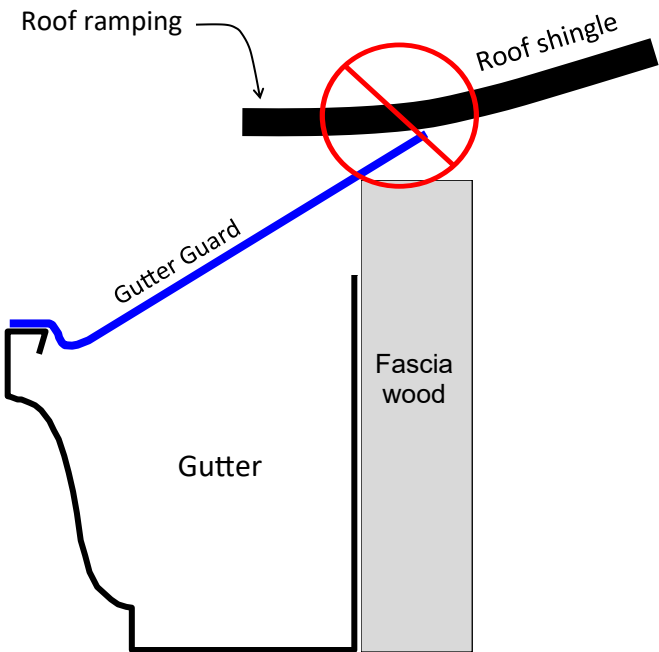


DIAGRAM F

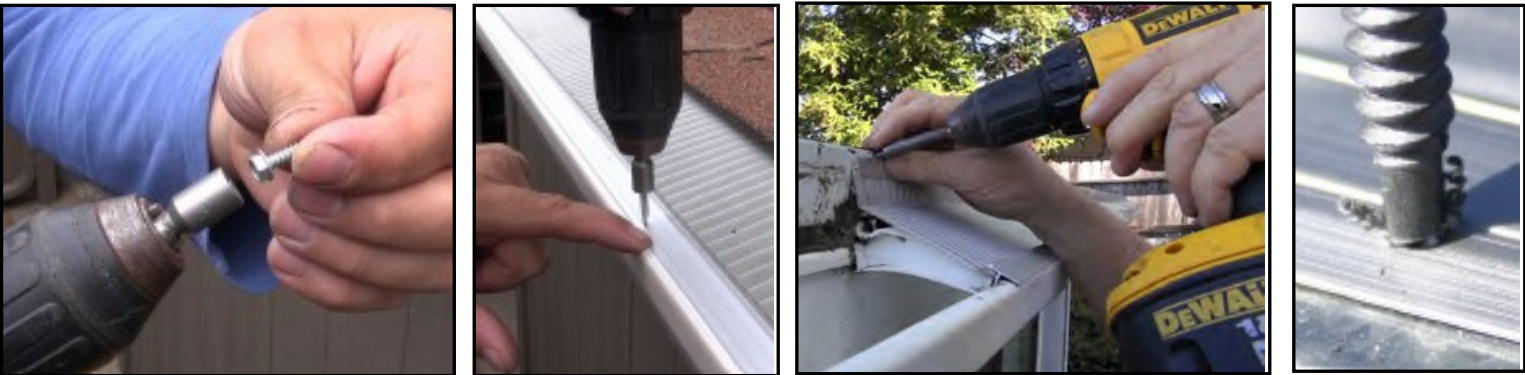
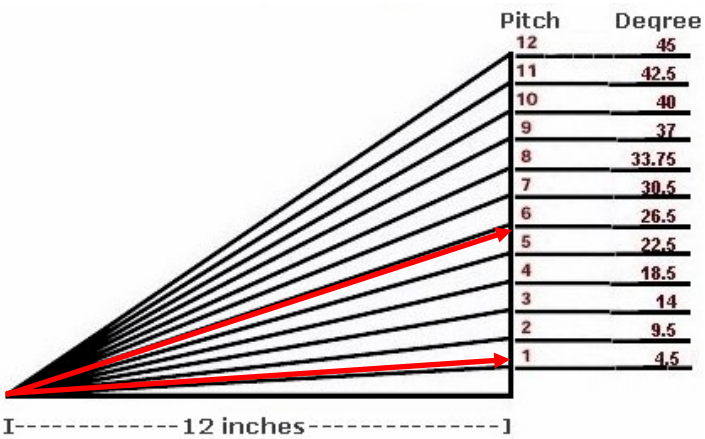
Roof ramping: If the gutter guard causes the roof shingles to ramp up, bend the mesh down and then slide back under the shingle or use either bending method in Diagram B.

Step 2: The basics in every installation

Clean out your gutters: Take the time to clean the leaves, pine needles and other debris from your gutters and downspouts first. Also, complete any necessary repairs to your gutters and downspouts.

When installing your new gutter guard, make sure to obey your local building code.

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



SCREW IT ON: There are no pre-drilled holes for the screws. The supplied self-tapping screws drill the holes themselves while being screwed through the gutter guard . A magnetic Hex Head Driver Bit is also included. If you need additional screws for your installation, contact customerservice@gutterglove.com or call 844-359-7689.

Important information in freezing conditions: If you live in an area that is prone to freezing, the following issues can occur with any gutter guard.

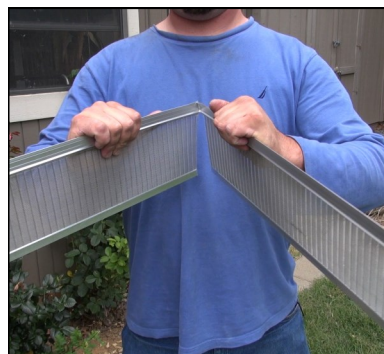
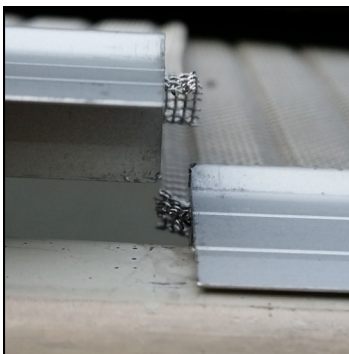
ICICLES & ICE DAMS can form on your gutter during freezing conditions. Ice dams can cause water to leak back into your home. Icicles can break and cause serious bodily harm. Properly installed, operated and maintained heating elements on your roof and gutter can melt icicles and ice dams. Use a licensed 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 bodily harm.

STEP 2 Continued...

JOINING SECTIONS

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

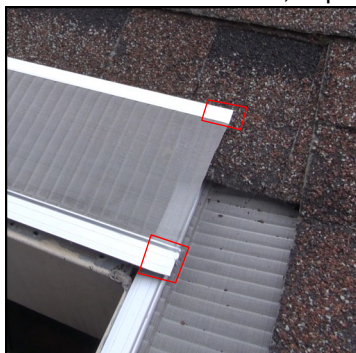


CUTTING SECTIONS

Cut front & back aluminum frame. Cut mesh. Snap in two.

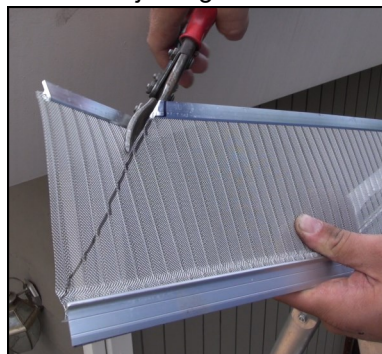
INSIDE MITER

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.

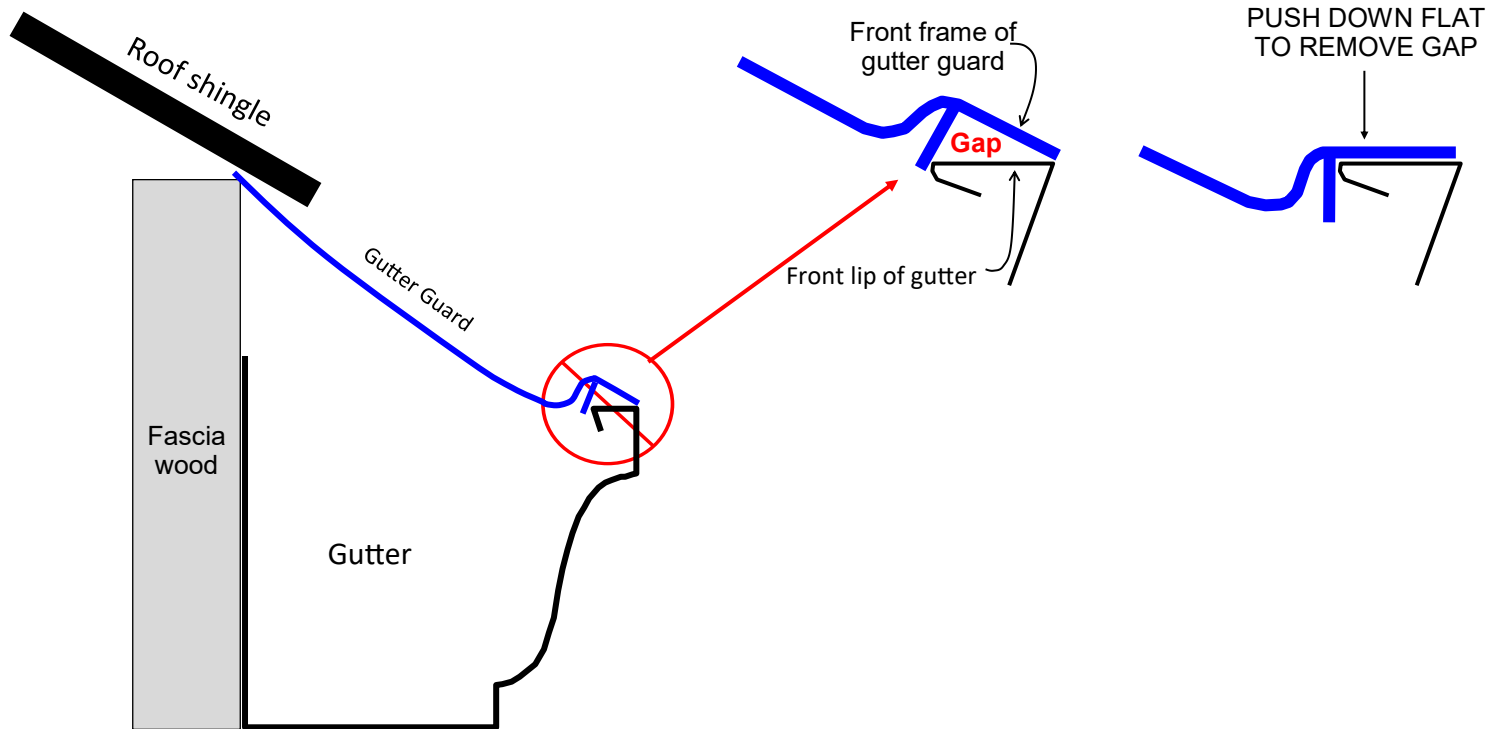


Step 3: Two very important installation rules for all methods

Follow these rules to optimize the performance of your gutter guard.

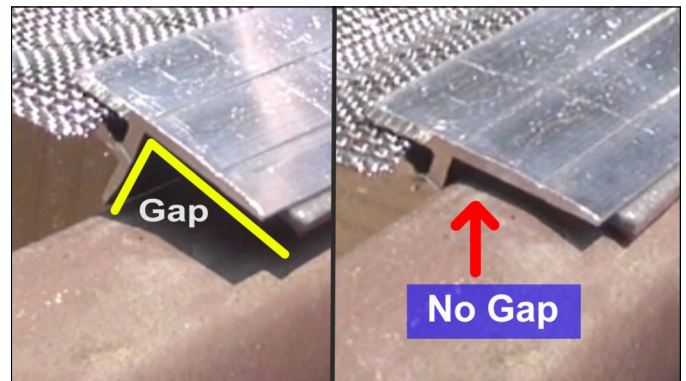
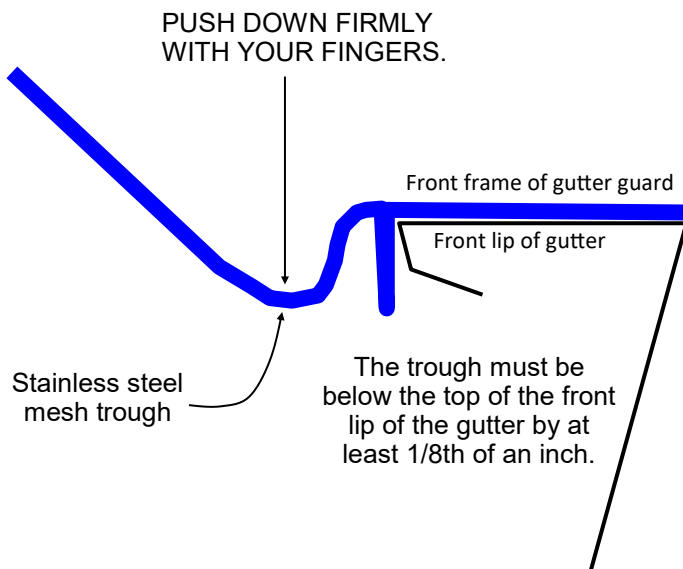
RULE #1

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 can happen on steeply pitched roofs or gutters that are hung low (1 inch or more) below roofline.



How to bend the mesh

Bending the back of the mesh allows the gutter guard to be installed on all gutter and roof configurations. All you need are 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 your installation.

How to bend the mesh continued...

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.



Maintenance & Helpful Tips

How do I keep my new gutter guard at peak performance?

Your new gutter guard is designed to be easy to maintain. Follow the tips below for easy maintenance.

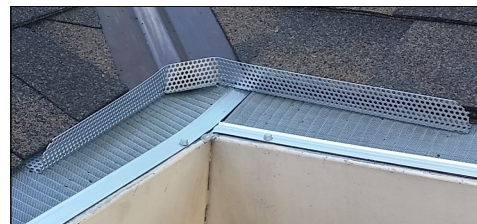
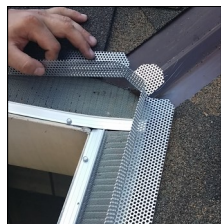
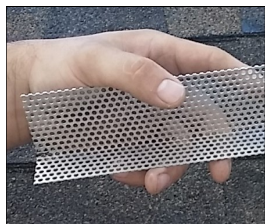
1. Periodically inspect your gutter guard for any debris that may not have blown off. Particularly where two sections of roof come together (valleys) or in areas that are protected from wind.
2. Brush off any accumulated debris. We created “The Gutter Guard Brush” for just this purpose. Just screw the brush on the end of an extension pole, then from the ground, reach up and brush it off. Get more information at TheGutterGuardBrush.com.***



***Patents pending

What do I do if I notice rainwater flowing over the front of my gutter?

1. Look on top of the gutter guard and see if there is any debris on it. Follow the maintenance instructions above to remove debris.
2. Confirm there is no gap between the front frame of your gutter guard and the gutter and that the mesh trough is below the front lip of the gutter (see page 8). Adjust your gutter guard to match the recommended installation to correct this.
3. If the overflow is occurring where two sections of the roof come together (valley), remove 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, rather than at one point. The diverter is made out of an aluminum material, perforated with small round holes and attaches to the end of your roof valley or other high-flow areas of your roof, just above the mesh. You can get more information and purchase rainwater diverters at www.RainwaterDiverters.com.



4. Contact our team at 844-359-7689 or at customerservice@gutterglove.com.

REMOVING THE GUTTER GUARD

If removal is necessary, reverse screws with power drill and magnetic hex driver bit. Re-attach through same holes from original installation.



Tech Support

844-359-7689

CustomerService@Gutterglove.com



RAPTORTM
GUTTER GUARD

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 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) 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.