

## Installing The Solution<sup>TM</sup>

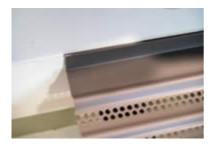
The Versatile Gutter Protection System<sup>™</sup>

**<u>Step One</u>**: *SAFETY FIRST*. You will be using a ladder during installation. We highly recommend that you review the basic ladder safety tips offered by the American Academy of Orthopaedic Surgeons.

**Step Two**: Clean the gutters. Wearing gloves, remove the large debris by hand and the small debris by flushing the gutter with a garden hose. It is also a good idea to make sure your gutters are performing properly and your downspouts are clear and free flowing.

<u>Step Three</u>: When installing The Solution<sup>TM</sup>, work right to left along the gutter line, starting at the end cap.

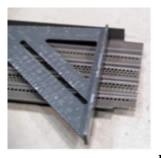
**Step Four**: To properly position the product on the gutter, the  $90^{\circ}$  bend should be flush against the gutter board (Photo 1) and the front flange on the inside of the lip of the gutter (Photo 2) so there is a slight angle downward from back to front.





Photos 1 & 2

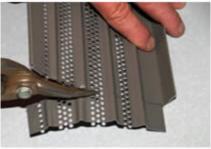
**Step Five**: Since The Solution<sup>TM</sup> is installed with a 1" overlap, (Figure 3) the first piece must be cut even to sit flush with the end of the gutter. To remove the overlap on the first piece of a run, position your speed square even with the 90° bend at the back and the flange at the front and draw a cutting line from the top to the bottom of the piece (Photo 4).

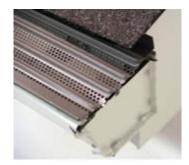




Photos 3 & 4

Now using your tin snips, cut the piece along the drawn line (Photo 5) so that the end of the piece will fit flush with the end of the gutter (Photo 6).





Photos 5 & 6

**<u>Step Six</u>**: Starting at the right side of the piece, attach The Solution<sup>TM</sup> to the gutter by inserting a  $\frac{1}{2}$ " screw into the top of the piece and into the lip of the gutter, placing the screws approximately 12" apart (Photo 7).

**PLEASE NOTE**: delay placing the last screw to the far left of the piece until the next piece is overlapped with the piece you are currently installing.



Photo 7

**<u>Step Seven</u>**: Attach the back of the piece to the fascia (gutter) board by using the 1" screws, again placing them approximately 12 inches apart (Photo 8). The back of the piece should be installed so there is a slight downward angle from back to front. (In rare conditions, the gutter may need to be lowered to accommodate that slight angle.)



Photo 8

**<u>Step Eight</u>**: Let's call the first piece you just installed piece "A" and the second piece you are now going to install piece "B". Piece A should be secured to the gutter with the exception of the screw on the far left side (Photo 9). Position piece B snug up against piece A placing piece B on top of piece A (Photo 10)





Photos 9 & 10

Insert your final screw for piece A into the top of piece B, effectively tying both pieces together into the lip of the gutter (Photo 11). Then insert a screw in the middle section between the front of the gutter and the fascia (gutter) board. Finally insert the 1" screw into the fascia board (Figure 12).





Photos 11 & 12

**Installing The Solution**<sup>TM</sup>

<u>Step Nine</u>: Repeat this process as you work your way down the gutter line from right to left.

When preparing to install the final piece at the end of the gutter line, the area you have left may be shorter than the piece of product. In this case, follow these procedures: Measure the distance you have left and then measure that distance on the final piece to be installed from the rear  $90^{\circ}$  bend in a right to left direction (Photo 13). Using your speed square, mark a straight line down the product. With your tin snips, cut the piece down the marked line and install the piece so it overlaps the previous piece and sits flush against the end cap of the gutter.

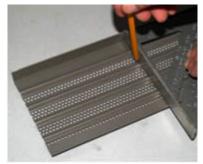


Photo 13

Installing The Solution<sup>TM</sup>