



**SIDE GUARD™ 2
PN XG-K162**

INSTALLATION INSTRUCTIONS

Please read the entirety of this document before you begin installation.

Thank you for purchasing this accessory from 4xGuard. We certainly hope it provides the functionality and enhanced appearance you are expecting. If you have any questions, or wish to provide us feedback on this product, please contact us at:

info@4xguard.com.

The most recent version of these instructions is always available on our website:

www.4xguard.com.

SAFETY STATEMENT

It is the buyer's responsibility to exercise caution in the use of this product, and to take all necessary steps to maintain its safety and appearance.

As with any aftermarket product, there is the potential for vibration to loosen any of the screws, bolts, or other items involved in the installation of this item. The buyer therefore accepts responsibility to **check all components for tightness** after the first 100 miles, after each period of extensive off-road use, and then as part of routine vehicle maintenance for off-road use (Schedule B in your owner's manual).

A tube of **Threadlocker** is enclosed as a thank you gift from 4xGuard. It should be used during product installation in order to help ensure that the product does not loosen and fall from the vehicle — an event that could result in significant vehicle damage or even an accident.

4xGuard makes no claims regarding the effect of this product on airbag capability.

Regardless of finishing methods, steel parts will inevitably rust. The buyer assumes responsibility to help delay the formation of corrosion by regularly cleaning this product and tending to any visible rust as soon as it is seen.

Please note the Limited Warranty at the end of these instructions.

PARTS LIST

Before beginning installation, verify all parts and hardware with the list below.
Be advised that part numbers are often stamped on metal components.

Major Components

Product	Number	Part	Part Number	Quantity
Side Guard 2	XG-K162	Side Guard: RS assembly	XG-K162.95	1
		Side Guard: LS assembly	XG-K162.96	1
		External stiffener	XG-K160.05	2
		Spacer	XG-K160.09	6
		Instructions	XG-K162.18	1
		Standard Sticker	XG-K020	1
		Domed Sticker	XG-K030	1
		Hardware Bag	XG-K161.12	1

Hardware Bag Contents

Part	Quantity
3/8" flange lock nuts	12
1.5" x 3/8" hexbolts gr5	12
Grip-Lite fasteners	12
3/8" flat washers	12
Threadlocker	1

Please note: Though the Side Guard 2 ships in two separate boxes due to its size and weight, only ONE of the two boxes will have some of the parts (such as the hardware bag). Be sure that you have carefully examined the packaging of both boxes before contacting 4xGuard regarding missing items.

BASIC INSTALLATION PROCEDURE

The use of touch-up paint is recommended whenever metal is cut, and the use of **Threadlocker** to ensure the security of attachment points is encouraged.

Note: The following instructions are written for the passenger side of the vehicle, which is typically easier and therefore the best place to start.

1. Remove Original Equipment of Manufacture (OEM) plastic rocker-panel moldings by first removing (and retaining) the front and rear wheel-well fasteners. The six bottom/underside fasteners can be drilled out or broken off with a small wood chisel, as they will not be reused. The nine top fasteners can be cut off or pinched together for removal; start at the rear and take care not to scratch the paint. There is also a small clip retainer near the front of the molding.
2. Test for clearance. There are six mounting holes located along the bottom seam (pinch weld) of the unibody about 7 inches from the outside edge of the "frame." Take one of the **1.5" x 3/8" hex bolts** and see if it easily passes through each hole. If necessary carefully ream or drill out each hole until the bolt fits.
3. Prepare to drill the upper mounting holes. Temporarily mount and center **XG-K162.95**, making sure it fits tight against the body along the upper mounting flange. **At each end**, install a **1.5" x 3/8" hex bolt** and **3/8" flat washer**, first through the hole in the bottom seam of the unibody and then through the hole in the mounting flange. Install **3/8" nuts** and partially tighten beginning at the rear.
 - **Note:** Typically the rear portion is farther away from the flange than the front portion. The rear can be moved somewhat closer to the flange by protecting the paint (using a piece of packing material and/or a wedge of wood) and using several blows with a mallet or hammer. Do **not** over tighten bolts to adjust these gaps at this time: assembly is not complete and warping of parts can result.
4. Drill the upper mounting holes. Using each of the six mounting holes in the **upper flange of XG-K162.95** as a guide, drill **1/16"** holes **at the top edge** of each hole. See Figure 1.
5. Install and tighten a Grip-Tight Fastener at each of the six locations drilled in Step 4. Be careful not to over-tighten or the relatively thin metal of the unibody may tear. See Figure 2.
6. Remove the two temporary bolts from the lower mounting flange.



Figure 1. Drilling holes for the upper flange at the top of the hole in the Side Guard.



Figure 2. Use a 1/4" socket driver to install the Grip-Tight screws.

7. Attach the lower mounting flange. Parts **XG-K160.09** are spacers that go between **XG-K160.05** (the long stiffener) and the pinchweld. Part **XG-K160.05** should be installed such that the portion without holes is on the ground side and its open edge is facing towards the center of the vehicle (hold it up in place and make note of which of its holes align with the pinch weld holes). Beginning with the two middle holes, install parts **XG-K160.09** and **XG-K160.05** behind

the pinchweld with two **1.5" x 3/8" hex bolts** first through the stiffener, then the spacer, and finally through the pinch weld and into the mounting points on the Side Guard assembly itself (**XG-K162.95**). Install **3/8" flat washers** and, using a closed-end wrench, **3/8" flange lock nuts** (see Figure 3). Do **not** tighten at this time.



Figure 3. Using a closed-end wrench to hold each nut for tightening.

8. Complete the other four attachments in the same manner, doing the front two holes next and finally the two rear holes. Keep each set loose at this time.
9. Beginning at the rear, carefully tighten the **1.5" x 3/8" hex bolts** using an open/closed end wrench and socket. Do not over tighten as it may cause distortion of the Side Guard. Torque to 30 ft-lbs.
10. Check door clearance. It should be about 1/4".
11. Proceed with the driver's side of the vehicle; put the **Domed Sticker** on it!

USAGE NOTES

Step Surface

4xGuard uses a textured paint in order to help customers use the top surface of this product as a step. Customers relying heavily on the product as a step, however, are encouraged to install commercial grip-tape to increase traction on the surface.

LIMITED WARRANTY

- A. There is no warranty on the finish of this product due to the nature of its intended use.
- B. Due to its intended off-road use and thus potential for damage, this product can be returned for a refund of original cost minus a **10% restocking fee** for a period of **7 calendar days** from date of receipt **if the product is in unused condition and returned in the original package with packing material**. This return policy covers defects in material and workmanship, as well as customer satisfaction. **Shipping and handling costs are non-refundable**.
- C. After the initial "product satisfaction" period (7 days), 4xGuard warrants the product to be free from defects in material and workmanship for a period of **1 year from date of purchase** and applicable to the original purchaser only. Exclusions apply:
 - 1. Any damage caused by acts of nature, improper installation (see D below), misuse, abuse, or neglect.
 - 2. Damage caused by impact with any object is not covered by this warranty.
- D. For any warranty issues an authorization must be first obtained from 4xGuard **PRIOR** to removal of the product from the vehicle. Claims require photographic evidence of the damage or defect taken **BEFORE** the product is removed.
- E. Determination of whether or not a product is covered by this warranty will be made by 4xGuard at its sole and exclusive discretion. If determined to be covered, 4xGuard's responsibility is limited to repair or replacement **of the damaged or defective part only**.
- F. 4xGuard is not responsible for any costs, losses, or damages incurred as the result of the installation and use of this product.

IMPORTANT PRODUCT USE INFORMATION

This product is designed and manufactured for off-road use, and as such 4xGuard makes no claims regarding this device and excludes any and all implied claims. 4xGuard will not be responsible for any altered products and any improper installation or use of our products. Specifically, the products are not designed to withstand more than 1,000 pounds of vehicle weight without the potential of breakage, and are not intended to increase occupant protection in the case of an accident or off-road incident.

IMPORTANT PRODUCT MAINTENANCE INFORMATION

Because of its intended off-road use, this product is potentially subject to vibrations and stresses that can cause the product to loosen over time. It is the buyer's ultimate and sole responsibility to use the supplied **Threadlocker** during the installation of this product, and to have all attachments checked for tightness after the first 100 miles, after each period of extensive off-road use, and then as part of routine vehicle maintenance for off-road use, which is Schedule B. **WARNING:** Failure to adhere to this maintenance requirement could result in the product falling from the vehicle, resulting in vehicle damage or even a serious accident.

Thank you for choosing 4xGuard. Please Tread Lightly on the trails.