



**FRONT GUARD™ 4  
PN XG-K101/K101B**

## **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
Front Guard 4	XG-K101, XG-K101B	Front Guard Assembly	XG-K101.91, XG-K101.92	1
		Mounting Bracket w/Tab - RS	XG-K101.02	1
		Mounting Bracket - LS	XG-K101.03	1
		Instructions	XG-K101.18	1
		Standard Sticker	XG-K020	1
		Hardware Bag	XG-K101.05	1

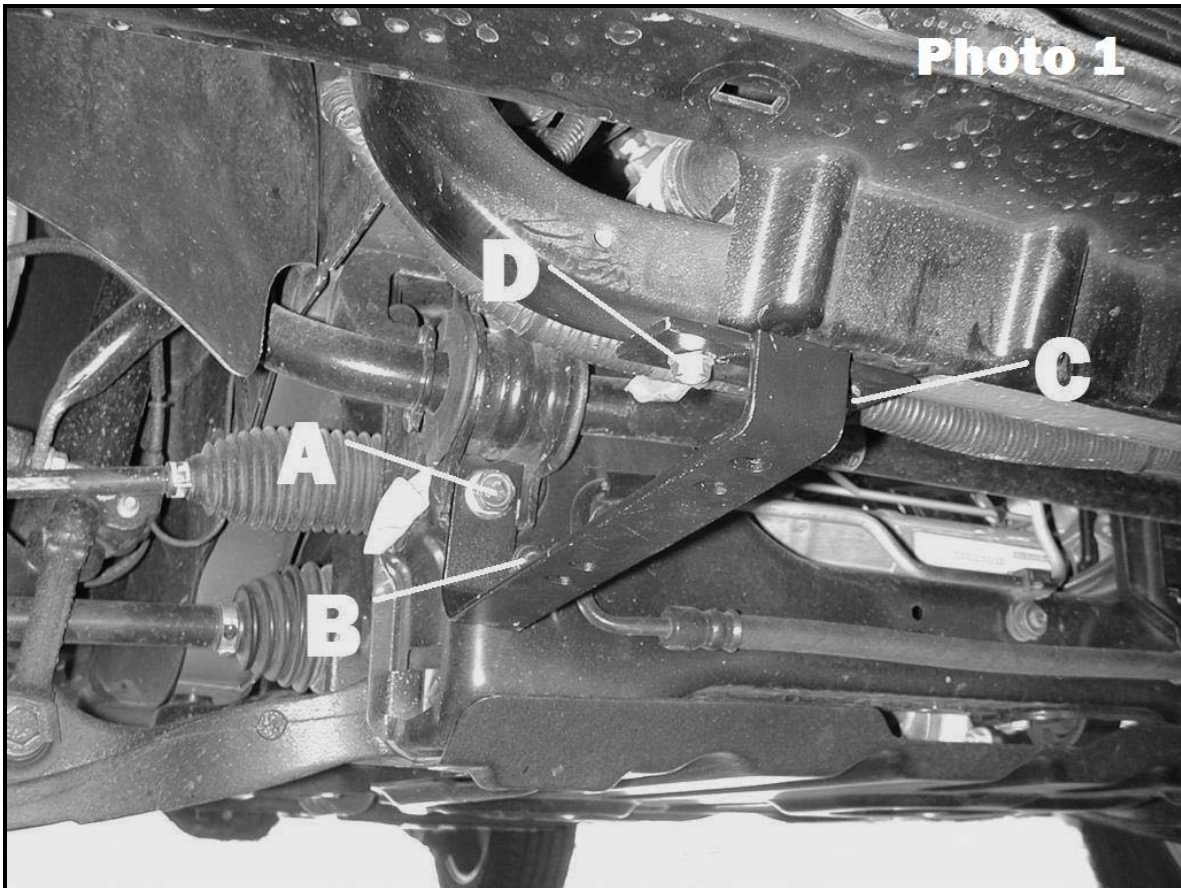
### Hardware Bag Contents

Part	Quantity
1" x 1/4" self-tapping screws	2
1/4" washers	3
1" x 5/16" self-tapping screws	2
5/16" washers	2
1" x 1/2" hexbolts gr5	4
1/2" serrated IS lock washers	4
1.25" x 1/4" hex bolt	1
1/4" flange lock nut	1
Threadlocker	1

## 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.

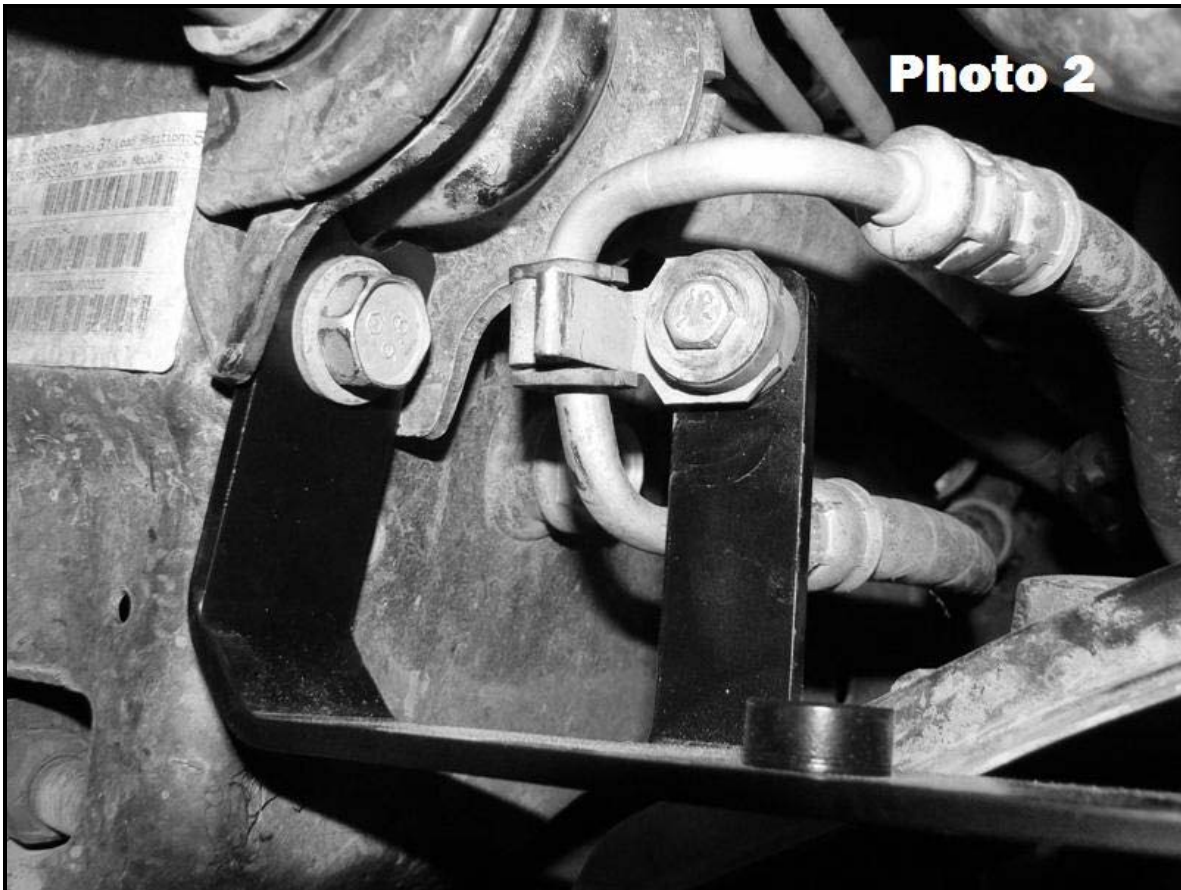
1. Remove the air dam. Fasteners are twist-off and at five locations under and behind the air dam.
2. Remove the two Original Equipment of Manufacture (OEM) mounting bolts located at the lower end of the two brackets (passenger and driver) that secure the front sway-bar assembly (marked **A** in Photo 1).



**Photo 1.** Passenger-side Front Guard mounting bracket in place (looking toward rear of vehicle).

3. On the passenger side of the vehicle remove the bolt that attaches a bracket holding a cooling-system hose (marked **B** in Photo 1). This bracket will be secured to the passenger-side Front Guard mounting bracket later in the installation.
4. Remove the two OEM screws securing the bumper fascia to the cross member (marked **C** in Photo 1).

- Note: Installation on a **Jeep Commander** will require minor fascia modification before continuing through Step 5. Installation on a **Jeep Grand Cherokee with an aftermarket ARB bumper** will require minor bracket modification before continuing through Step 5. See the **Supplemental Installation Procedures** at the end of these instructions.
5. Starting on the driver's side, install the Front Guard mounting brackets by reattaching the large sway-bar mounting bolts through the large hole in each Front Guard mounting bracket (see **A** in Photo 1). Mounting bracket **XG-K101.02** (with the tab), is for the passenger side, while **XG-K101.03** is for the driver side. **Be very careful in re-starting the bolt to avoid it becoming cross-threaded.** Finger-tighten only at this time.
  6. Secure the other end of each Front Guard mounting bracket by re-installing the screw securing the bumper fascia through the inside hole in the bracket and into the existing hole in the cross member (marked **C** in Photo 1). If desired an additional 1/4" x 2" bolt and nut (not included) can be used rather than the OEM screw, which will require enlarging this hole in the cross member to 3/4" and drilling all the way through the cross-member.
  7. Install a **1" x 5/16" self-tapping screw and washer** in the existing adjoining outside hole (see D in photo 1). If desired a 1/4" x 2" bolt and nut (not included) can be used rather than the threadcutter bolt, which will require enlarging this hole in the cross member to 1/4" and drilling all the way through the cross-member.
    - Note: Some later Grand Cherokees and the Commander have fascia components that cover this second hole and in such cases one can either cut out this area using the bracket to locate the area to be removed (the best approach), or place the bracket under the fascia tab and not use this attachment points.
  8. Tighten each screw (those holding the front end of each bracket) but be aware that over-tightening may cause the threads to strip out. **Do not use a pneumatic tool.**
  9. Tighten the two large OEM mounting bolts in the sway-bar assembly (torque to 105 ft-lbs).
  10. Using the **1.25" x 1/4" hex bolt** and **1/4" flange lock nut** attach the cooling-system hose attachment removed in Step 3 to the passenger-side Front Guard mounting bracket. The attachment on the hose must be secured to the **outside** of the mounting-bracket flange (see Photo 2 for correct positioning).



**Photo 2.** Passenger-side Front Guard mounting bracket showing re-attachment of cooling system hose.

11. Using the **1" x 1/2" hexbolts** and **1/2" serrated IS lock washers**, secure Front Guard skid plate (**XG-K101.91** or **XG-K101.92**), to the mounting brackets. Tighten to 30 ft-lbs.

**NOTE: Be aware that this product may limit access to the engine oil filter or other engine components. As a result there may be an extra charge for its removal by some service providers. Customers may wish to remove it before service.**

## SUPPLEMENTAL INSTALLATION PROCEDURES

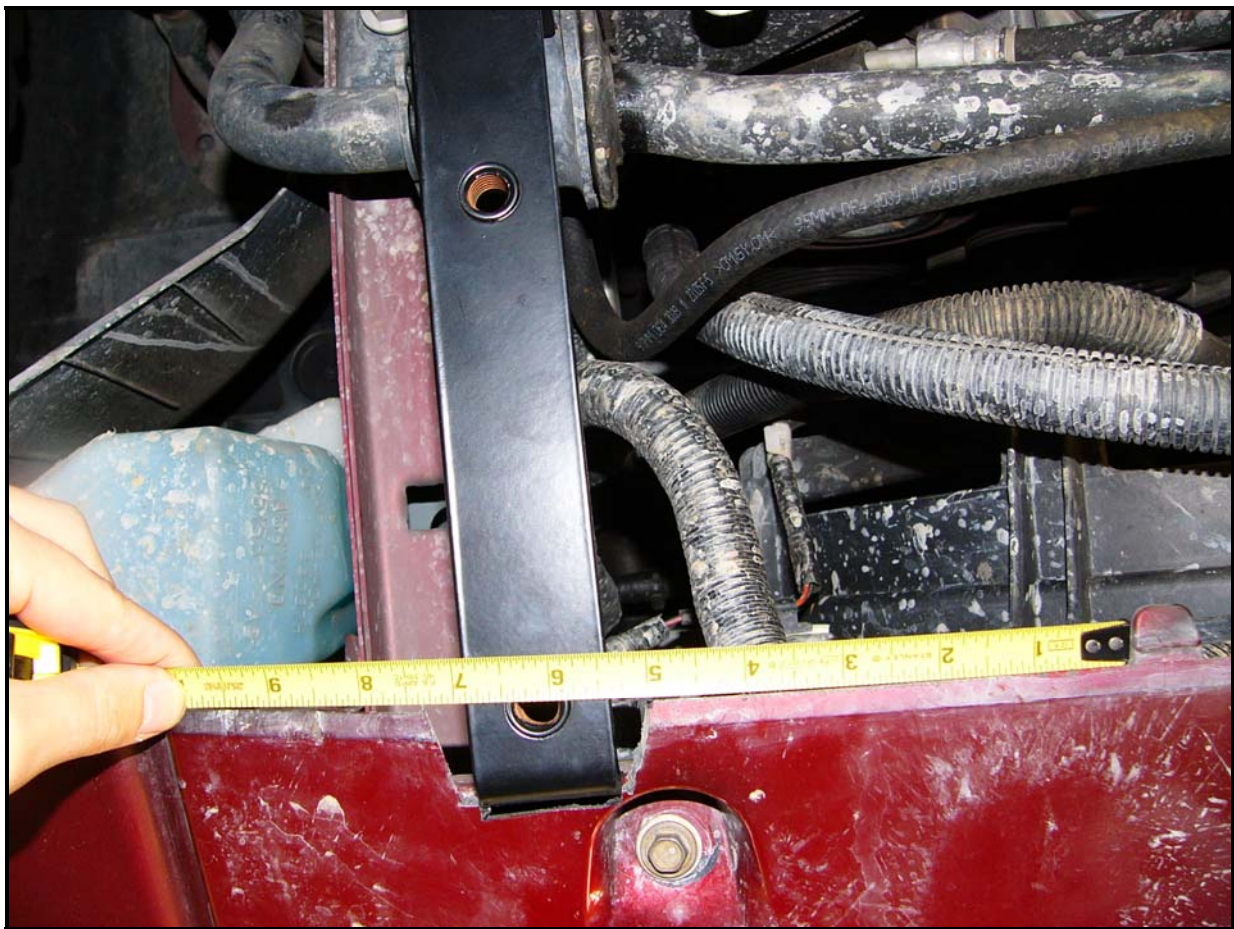
Read each step carefully and fully as you proceed.

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.

### Application on Jeep Commanders

Fitting the Front Guard mounting brackets (**XG-K101.02** and **XG-K101.03**) on a Jeep Commander requires the cutting of two small slots on the underside of the front fascia. These modifications must be made in order to complete Step 5 of the Basic Installation Procedures.

4a. First measure 5.25" toward the outside of the vehicle from the air dam tab 1 away from the center of the vehicle. Mark a line at this distance straight into the fascia until you reach the recess in the fascia (from which you removed a bolt in Step 4 of the Basic Installation Procedures. This is the inner cut of the slot. See Photo 3.



**Photo 3.** Driver-side Front Guard mounting bracket installed on a Jeep Commander. Note placement of the fascia modification slot required to install the bracket.

- 4b. The outer cut of the slot begins about 7" over from the same tab utilized in the previous step. Mark a line to the same depth as the inner cut. See Photo 3.
- 4c. Square off and remove the material between the lines in the previous two steps. A "Dremel" type rotary cutter can do this with ease, but many different tools are up to the job. **Note:** It is important to cut all the way to the recess in the fascia, but you do **not** need to cut into it. The bracket will mount flush to it.



**Photo 4.** Driver-side Front Guard mounting bracket properly seated against crossmember through slot cut in fascia. Note tightness against recess in fascia.

- 4d. Proceed to Step 5 of the Basic Installation Procedures.

#### **Application on Grand Cherokees equipped with an aftermarket ARB bumper**

The mounting brackets of the aftermarket ARB bumper, specifically the "D" shackle mounting flange, interfere with the front, upper edge of the Front Guard 4. Thus parts **XG-K101.02** and **XG-K101.03** must be modified to move the skid plate back about 1.25" and down about 1.0". These modifications must be made in order to complete Step 5 of the Basic Installation Procedures.

- 4a. Drill four new 9/16" mounting holes 1.25" rearward (towards the end with the single large hole) of the existing holes in each bracket. These holes should be 5.5" apart.
- 4b. If possible, tack-weld four 1/2" nuts (not provided) to the inside face of each bracket at these new hole locations. (This step is not necessary but makes installation easier.)
- 4c. Make a spacer that is about 1" thick and 10" long. Square tubing, available at most major hardware stores, is useful for this purpose.
- 4d. Using the modified mounting bracket and its new holes as a guide, drill 9/16" holes in the spacer beginning 2.5" from one end. These holes should be 5.5" apart.
- 4e. Follow the preceding instructions to install these components.

## 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.**