



Rear Guard™ -HC

PN XG-K120

INSTALLATION INSTRUCTIONS

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 4xGuardInfo@gmail.com.

Safety Statement—CAUTIONS!

Like any aftermarket product there is the potential for vibration to eventually loosen any of the screws and bolts involved in the installation of this item. Therefore, **all** must be 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 in your Jeep owner's manual. A tube of **Threadlocker** is enclosed as a thank you gift from 4xGuard. It should be used during the installation in order to help ensure that the product does not loosen and fall from the vehicle—an event that could result in **vehicle damage or even an accident**.

Rear Guard™ -HC (PN XG-K120)

PARTS

Product	Number	Part	Part Number	Quantity
Rear Guard-HC	XG-K120	Main w/ 4xGuard logo	XG-K121.91	1
		Mounting bracket--RS	XG-K121.03	1
		Mounting bracket--LS	XG-K121.04	1
		Instructions	XG-K120.15	1
		Sticker	XG-K020	1
		Hardware	XG-K120.07	1
		2" x 5/16" hexbolts gr5		4
		5/16" lock flange nuts		4
		1" x 1/2" hexbolts gr5		4
		1/2" inside serrated lock washers		4
		5/16" washers		4
		Threadlocker		1

PROCEDURE

1. For a trailer-hitch equipped vehicle, it is best to install short length of rubber door-edge molding (not supplied) along the upper edge above the 4xGuard logo of **XG-K120.01** (hint: warming it will make it easier to install). This prevents rubbing against the receiver, which the skid plate is designed to contact for increased strength.
2. Remove the spare tire.
3. Locate the two partial (only through one side of the two sided flange) 5/8 inch holes (openings) located near the back of the vehicle on the **INSIDE** of each frame rail. (These holes are not through the outside of the frame rail). If unclear which holes these are use the mounting bracket for comparison.
4. On the passenger/right side above the muffler there is insulation-protected wiring harness that is secured to the unibody in the **OUTSIDE** area of the upper hole. Pry out or break this attachment and move the wire up so it won't be damaged during Step 4.
5. Drill 3/8 inch holes in the **CENTER** of each of the four partial holes, taking care to center the hole using the **INSIDE** hole as a guide.
6. Re-secure the wire harness loosened in Step 4 making sure it stays clear of the muffler.
7. Install (**Threadlocker!**) parts **XG-K120.03 (passenger/right side)** and **XG-K120.04 (driver/left side)** using the provided two (2) **2" x 5/16" hex bolts** and two (2) **5/16" washers** installed from the inside, and **5/16" lock nuts** installed on the outside. At this time leave the mounting loose enough for some movement.
8. Re-install spare tire.
9. Attach the skid plate (**XG-K120.01**) to the mounting brackets (**XG-K120.03** and **XG-K120.03**) using (**Threadlocker!**) four (4) **1 1/2" x 1/2" hex bolts** with **1/2" inside serrated lock washers**. If equipped with a trailer hitch make sure the cap tab of the electric plug is on the outside of the skid plate. Do not fully tighten at this time.
10. Adjust the skid-plate assembly so it is of uniform distance from the outside and bottom surfaces of the rear bumper. For vehicles with trailer hitch the center/upper edge of the skid plate should be snug against the hitch and the electric plug cap should just clear the plate. (The cap tab can be trimmed with a Dremmel or similar device if desired).
11. Fully tighten the two (2) bolts that attach each mounting bracket to the vehicle.
12. Fully tighten the skid-plate mounting bolts. Tighten these four (4) bolts to 60 in-lbs.

Note that the four 1/2-inch mounting bolts are the same size as the vehicles lug bolts and therefore can be easily removed for access to the spare tire using the OEM lug wrench.

LIMITED WARRANTY

- A. There is no warranty on the finish of the 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), the 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—
1. Any damage caused by acts of nature, improper installation (see D below), misuse, abuse or neglect.
 2. Damage caused by impacts 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. Contact: 4xGuard@comcast.net
- 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, manufactured and installed 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 off-road intended use this product is potentially subject to abnormal 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 bolts/nuts 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, best wishes, and please tread lightly so we and future generations can continue to experience and enjoy the wonderful world of four-wheeling.”

—4xGuard Management