



## Rear Bumper Installation Directions

### Pre Install:

· Inspect the packaging and product for signs of damage and report immediately to carrier. Keep all packaging for filing a damage claim if needed. Jeeperman, LLC is not responsible for shipping damages!

This is a fairly straight forward installation for most owners taking about 2 hours. If after reading the installation you do not feel confident in the procedure, we strongly recommend taking this to a competent shop to ensure proper installation for years of trouble free service.

It would be advisable to read these instructions, in their entirety, BEFORE starting the installation. If you are uncomfortable with this, please e-mail or contact us or seek a qualified professional installer.

### Kit Contents:

Bumper  
Hardware  
And these instructions

### Required tools and supplies:

Electric or air drill  
½" Drill Bit  
SAE wrench/socket set  
Marking pencil  
Waterproof Grease  
Lock-Tite

· Familiarize yourself with the parts. Verify all parts and hardware are accounted for and contact us if needed for any replacements.

### The Installation:

These installation directions are furnished as a guide; your vehicle may vary.

Items that have been modified are not returnable or exchangeable so verify compatibility first.

One person can do this installation. However, it is highly recommended to have helper to lift and assist.

To ease in assembly, lightly coat the hardware in assembly oil or waterproof grease. This will also protect the Zinc finished hardware from road corrosives.

· Remove the existing bumper, generally held on with 4-rear facing bolts and two under frame bolts that mount factory tow hook if so equipped.

- The inner mounting bolt hole locations need to be located on the factory cross member. Temporarily mount the bumper using the supplied grade 8 hardware, properly center it, then using chalk or a small pencil mark the inner bolt locations as needed.
- This step is recommended highly for extra weight capacity or towing and recovery. (If not already done from the factory on your Jeep) Drill the four inner mounting bolts for the cross member. Treat the exposed metal for rust prevention and then install the supplied (5/8" head size) grade 8 bolts in this order: bolt facing in towards gas tank skid washer, bumper bracket, cross member, washer, lock washer, and finally the nut 11/16" head size) with an application of Lock-Tite.
- Jeoperman rear rock bumpers are adjustable in height to compensate for body lifts. Please choose which mounting method best suits your application and use either the upper two rows of mount holes or the lower 2 rows of mount holes for increased height (owners with body lift installed on Jeep only as shown). This can be easily changed in the future if desired. \*Please note that if installed in the body lift position without a body lift, clearance issues may occur. See below for more on this.
- \*NOTE: Owners with non-body lifted Jeeps may find it easier to lower the fuel tank skid by supporting the fuel tank with a floor jack, loosening the 7 factory bolts (there are 5 rear and 2 front bolts), and gently lowering the skid and tank at the rear side only enough to allow access to the rear inside of the cross member. This step typically takes about 10 minutes to do. **USE EXTREME CARE AS TO NOT DAMAGE FUEL LINES BY OVERLY EXTENDING THEM.** If you do not have a body lift you must use the upper and middle rows of bolts holes.
- Tighten the bolts through the cross member to 45 ft. lbs. Paying attention that mounting locations remain lined up during this process and bumper remains centered on the vehicle.
- There should be no less than 8 bolts attaching the bumper to the vehicles cross member.
- Recheck all bolts for tightness and that the latch seats properly now and periodically.
- See website for optional accessories available such as; Jerry can mounts, 3rd brake light kits, over the tire racks and more.

See website [www.Jeoperman.com](http://www.Jeoperman.com) for any product updates.

If you have any questions or concerns about the product or installation, feel free to contact tech support at 509-340-3911 or [info@jeoperman.com](mailto:info@jeoperman.com). We also welcome your feedback and input.



PHOTO 1



PHOTO 2