



ROCKBRAWLER HI-LIFT JACK MOUNT



The Poison Spyder Customs RockBrawler Hi-Lift Jack Mount is designed to easily mount a Hi-Lift jack to the spare tire rack on a Poison Spyder RockBrawler Rear Bumper. It is easy to install with the right tools and good mechanical abilities. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Please read through these entire instructions before proceeding with installation.

PARTS LIST

- (1) RockBrawler Hi-Lift Jack Mount Plate
- (4) Urethane Bushing
- (2) 1/2-13 X 3" Carriage Bolt
- (2) 1/2" Pushnut Bolt Retainer
- (2) 1/2-13 Wing Nut
- (2) 1/2-13 Nylon Insert Lock Nut
- (4) 3/8-16 X 1" Gr8 Hex Head Cap Screw
- (4) 3/8-16 Nylon Insert Lock Nut
- (8) 3/8 Flat Washer

TOOLS NEEDED

- Primer, paint, cleaners (if painting)
- 9/16" end wrench, socket and ratchet
- 3/4" end wrench or socket and ratchet (optional)

BEFORE YOU BEGIN

If your RockBrawler Hi-Lift Jack Mount came as unpainted, bare steel, you will want to either powder coat or paint the it prior to install. If painting yourself, careful preparation will make a big difference in the quality and longevity of your paint job, even using "rattle can" aerosol paints. Begin by thoroughly cleaning the bumper with solvent or de-greaser, then make sure all residue is removed. Even if you use cheap paint, try to use a good quality primer. "Etching" primers are best to use on bare, unpainted metal. Allow it to properly dry before painting, and between paint coats.

Note that you must already have both a RockBrawler Rear Bumper with Tire Carrier and a Hi-Lift jack. The Jack must have the lifting mechanism at the bottom of its travel, with the handle locked into place. The handle must be secured by some mechanism such as the urethane jack handle isolators that are available at most 4X4 shops.

INSTALLATION PROCEDURE

1. **Park the Jeep on a flat, level surface** and set the parking brake.
2. **Remove the spare tire from** the RockBrawler Bumper Tire Carrier, if present.
3. **Use the 3/8-16 Hex Head Cap Screws, Flat Washers and Nylon Insert Lock Nuts** to attach

the Hi-Lift Jack Mount to the top four bolt slots on the RockBrawler tire carrier. It may be necessary to lower the spare tire mount if the top four bolt slots are not available. Thoroughly tighten all four screws/nuts.

4. **Insert the two carriage bolts** into the slots at either end of the Hi-Lift Jack Mount. The heads of the carriage bolts should be on the spare tire side of the jack mount (toward the rear of the Jeep, if the tire carrier is latched shut). Make sure the flats under the heads of the carriage bolts correctly engage into the slots. Note that it may be a tight fit, and the carriage bolts might not fully seat until they are tightened in later steps.
5. **Install a 1/2" Pushnut Bolt Retainer** (looks like a thin metal washer with internal "teeth") onto each carriage bolt, with the teeth pointed away from the bolt head. Push the retainers all the way against the Jack Mount Plate.
6. **Install a urethane bushing on** to each carriage bolt.



FIGURE 1

7. **With the help of a friend**, lift the Hi-Lift Jack up on to the carriage bolts, while feeding the threaded ends of the bolts into the slots on the lifting bar of the Hi-Lift jack. Make sure the jack is centered in relation to the mount, with the lifting foot of the Jack pointed downward. Make sure the carriage bolts are going through correctly spaced holes in the jack's lifting bar, so that they are straight (perpendicular to the mount).
8. **Install a 1/2" flat washer** on to the threads of each carriage bolt.

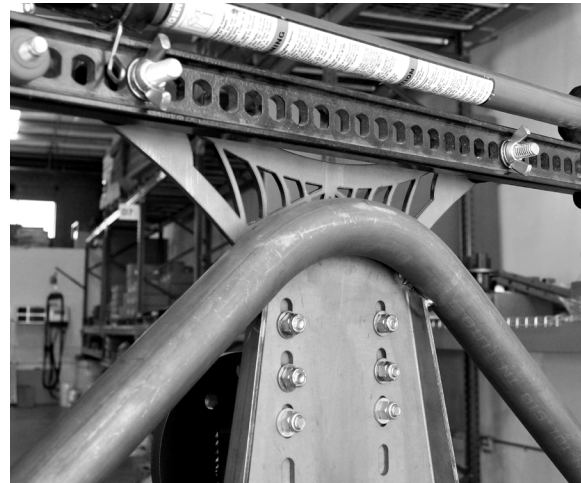


FIGURE 1

9. **Decide whether to use the supplied 1/2-13 wing nuts** or the 1/2-13 nylon insert lock nuts. Install the nut of your choice and securely tighten. Note that the urethane bushing will compress, and the carriage bolts will seat into the slots in the mount plate as the nuts are tightened.

NOTE: Using the wing-nuts will be more convenient, for those who access the Jack more frequently. However, using the lock nuts will be more secure, providing a measure of theft deterrent. Choose whichever method suits your needs best.

10. **Grab onto the Hi-Lift jack** and test that it is securely mounted. Further tighten any fasteners as needed.
11. **Latch the tire carrier** and re-install the spare tire.

Congratulations, you have completed installation of your RockBrawler Hi-Lift Jack Mount!

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Poison Spyder Customs™ warranties all of the products we sell and distribute for one (1) year from the date of sale. These products will be free from defects in material and workmanship under normal installation, and use. Due to the intended use the powder coat finish is warranted for ninety (90) days. The finish warranty will not cover a product if it has been damaged in any way. Warranty is limited to repair or replacement. Poison Spyder Customs™ does not offer any type of labor or shipping allowance and all warranty claims are subject to inspection by Poison Spyder Customs™.

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I am fully aware of risks and hazards connected with the use of a this product and I elect to voluntarily engage in such use of this product knowing that the use may be hazardous to me and my property. I voluntarily assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or

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I further agree to indemnify and hold harmless the releasees from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.

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By accepting this product, I acknowledge and represent that I have read the above Waiver and Liability and Hold Harmless Agreement, understand it and accept it voluntarily as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.

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