This Hi-Lift Jack Mount Hardware Kit is designed to easily mount a Hi-Lift jack to the Mounting locations provided on some Poison Spyder Tire Carriers. With this kit, a Hi-Lift jack 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

(2) 1/2-13 X 3” Carriage Bolt
(2) 1/2” Pushnut Bolt Retainer
(4) Urethane Bushing
(2) 1/2 Flat Washer
(2) 1/2-13 Wing Nut
(2) 1/2-13 Nylon Insert Lock Nut

BEFORE YOU BEGIN

Note that you must already have a Poison Spyder Tire Carrier that is designed with built-in mounting holes for a Hi-Lift Jack (such as the Body-Mounted Tire Carrier). You must also have 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. The Hi-Lift “Handle Keeper” (part number HK-B) is recommended.

INSTALLATION PROCEDURE

1. Park the Jeep on a flat, level surface and set the parking brake.
2. Remove the spare tire from the tire carrier, if present.
3. If installing on the Poison Spyder Body Mounted Tire Carrier, note that there are two possible mounting positions. Choose to mount the jack either vertically, next to the hinge on the passenger side, or horizontally over the top of the Rotopax mounts on the top bar across the back of the carrier. Note that in each location there are two square holes laser-cut into the steel plate of the tire carrier.
4. Insert the two carriage bolts into the square holes in the tire carrier. The heads of the carriage bolts should be on the spare tire side of the mounting plate(s), with the threads pointed away from the tire. 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.
7. 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 (if mounting the jack horizontally). 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 second urethane bushing followed by a 1/2” flat washer on to the threads of each carriage bolt.
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. Re-install the spare tire. It may be necessary to re-adjust the tire carrier to compensate from any additional deflection due to the weight of the jack. Follow the instructions that came with the tire carrier for making these adjustments.
WARRANTY

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™.

At the discretion of Poison Spyder Customs™, the products in question can be repaired or replaced when found defective. Prior to any replacement or repair, written authorization must be obtained from Poison Spyder Customs™. Failure to contact us prior to having warranty work performed will immediately void all applicable warranties; and it is then the sole responsibility of the customer to remit any payment incurred.

The warranty expressed above is the sole warranty of Poison Spyder Customs™, and any other expressed or implied warranties are hereby specifically excluded and disclaimed.

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In purchasing a Poison Spyder Customs Product™ I release, waive, discharge and covenate not to sue Poison Spyder Customs officers, servants, agents, or employees (hereinafter referred to as Releasees) from any and all liability, claims, demands, actions and causes of action whatsoever arising out of or related to any loss, damage, or injury, including death, that may be sustained by me (or anyone else), any property belonging to me (or anyone else), whether caused by the negligence of the releasees or otherwise, while working on, using or any activity related to this product.

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 any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.

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.

It is my express intent that this Release and Hold Harmless Agreement shall bind the members of my family and spouse, if I am alive, and my heirs assigns and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of California.

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.

If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a Poison Spyder Customs™ sales representative and they will issue a call tag for the product in question. Once the product has been received by Poison Spyder Customs™ a full refund will be issued.