



Hi-Lift Jack Mount Hardware Kit

IMPORTANT: Thank you for purchasing this Poison Spyder product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call Poison Spyder at (951) 849-5911 as soon as possible. This document last updated January 2016.

APPLICATIONS

These installation instructions apply to the following Poison Spyder products:



45-61-010-HW Hi-Lift Jack Mount Hardware Kit

PARTS LIST

Please check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, call Poison Spyder at (951) 849-5911 as soon as possible. (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 with the handle locked into place.

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.